

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
 Data File : BF079670.D
 Acq On : 3 Jun 2015 19:11
 Operator : TP/IZ
 Sample : G2452-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MS

Manual Integrations
 APPROVED

apatel
 6/5/2015 8:06:15 AM

Quant Time: Jun 05 11:34:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 10:52:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	97834	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	373850	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	196823	20.00	ng	0.00
63) Phenanthrene-d10	12.10	188	386818	20.00	ng	-0.03
75) Chrysene-d12	15.12	240	422778	20.00	ng	-0.26
86) Perylene-d12	17.11	264	260614	20.00	ng	-0.38

System Monitoring Compounds

5) 2-Fluorophenol	6.14	112	589256	109.16	ng	0.00
7) Phenol-d6	7.11	99	706312	100.02	ng	0.00
23) Nitrobenzene-d5	8.07	82	404381	64.89	ng	-0.01
41) 2,4,6-Tribromophenol	11.38	330	185391	114.13	ng	-0.01
44) 2-Fluorobiphenyl	9.88	172	936151	70.92	ng	0.00
78) Terphenyl-d14	13.82	244	1275924	76.06	ng	-0.14

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	75276	30.17	ng	98
3) Pyridine	4.32	79	187643	26.16	ng	94
4) n-Nitrosodimethylamine	4.24	42	114261	35.74	ng	98
6) Aniline	7.18	93	41088	4.04	ng	98
8) 2-Chlorophenol	7.30	128	240987	38.42	ng	99
9) Benzaldehyde	7.06	77	22453	5.47	ng	98
10) Phenol	7.12	94	265083	34.89	ng	100
11) bis(2-Chloroethyl)ether	7.23	93	229746	37.93	ng	99
12) 1,3-Dichlorobenzene	7.46	146	259291	36.15	ng	98
13) 1,4-Dichlorobenzene	7.54	146	261423	35.64	ng	98
14) 1,2-Dichlorobenzene	7.69	146	237851m	35.82	ng	
15) Benzyl Alcohol	7.63	79	154817	29.97	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.78	45	385393	38.16	ng	99
17) 2-Methylphenol	7.74	107	192096	37.10	ng	98
18) Hexachloroethane	8.04	117	84609	35.24	ng	97
19) n-Nitroso-di-n-propylamine	7.91	70	187827	38.73	ng	99
20) 3+4-Methylphenols	7.88	107	253286	36.93	ng	100
22) Acetophenone	7.92	105	349854	39.99	ng	# 97
24) Nitrobenzene	8.09	77	242634	38.73	ng	98
25) Isophorone	8.33	82	483491	37.95	ng	99
26) 2-Nitrophenol	8.41	139	72854	35.21	ng	93
27) 2,4-Dimethylphenol	8.43	122	209871m	35.99	ng	
28) bis(2-Chloroethoxy)methane	8.52	93	266878	36.45	ng	99
29) 2,4-Dichlorophenol	8.65	162	212237	40.81	ng	97
30) 1,2,4-Trichlorobenzene	8.75	180	222456	37.95	ng	98
31) Naphthalene	8.83	128	695226	35.57	ng	99
32) Benzoic acid	8.48	122	71645m	44.35	ng	
33) 4-Chloroaniline	8.83	127	106142	9.99	ng	# 33
34) Hexachlorobutadiene	8.95	225	122678	37.34	ng	95
35) Caprolactam	9.20	113	50127	35.01	ng	# 74
36) 4-Chloro-3-methylphenol	9.32	107	203624	38.36	ng	99
37) 2-Methylnaphthalene	9.53	142	498277	38.22	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.70	216	234203	37.08	ng	99
40) Hexachlorocyclopentadiene	9.69	237	243335	80.80	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
 Data File : BF079670.D
 Acq On : 3 Jun 2015 19:11
 Operator : TP/IZ
 Sample : G2452-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MS

Manual Integrations
 APPROVED

apatel
 6/5/2015 8:06:15 AM

Quant Time: Jun 05 11:34:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 10:52:02 2015
 Response via : Initial Calibration

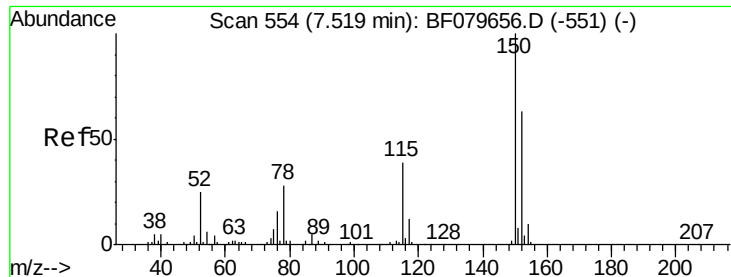
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	139154	40.51	nq	98
43) 2,4,5-Trichlorophenol	9.84	196	163598	42.99	nq	98
45) 1,1'-Biphenyl	10.00	154	583317	38.43	nq	99
46) 2-Chloronaphthalene	10.02	162	447530	37.64	nq	# 89
47) 2-Nitroaniline	10.10	65	64372	26.29	nq	91
48) Acenaphthylene	10.46	152	725985	36.83	nq	99
49) Dimethylphthalate	10.27	163	564617	39.15	nq	100
50) 2,6-Dinitrotoluene	10.34	165	98445	42.97	nq	90
51) Acenaphthene	10.63	154	462784	38.74	nq	99
52) 3-Nitroaniline	10.51	138	5851	2.07	nq	# 88
53) 2,4-Dinitrophenol	10.62	184	50704	77.83	nq	97
54) Dibenzofuran	10.80	168	689594	39.77	nq	98
55) 4-Nitrophenol	10.65	139	183761	80.62	nq	85
56) 2,4-Dinitrotoluene	10.75	165	124993	44.24	nq	94
57) Fluorene	11.14	166	544060	38.40	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.90	232	118277	44.85	nq	99
59) Diethylphthalate	10.98	149	593966	42.89	nq	97
60) 4-Chlorophenyl-phenylether	11.13	204	251244	39.28	nq	# 90
61) 4-Nitroaniline	11.13	138	46677	16.74	nq	89
62) Azobenzene	11.29	77	478152	36.93	nq	87
64) 4,6-Dinitro-2-methylphenol	11.16	198	38805	36.78	nq	# 73
65) n-Nitrosodiphenylamine	11.23	169	234408	19.30	nq	99
66) 4-Bromophenyl-phenylether	11.62	248	161319	41.56	nq	92
67) Hexachlorobenzene	11.71	284	175715	38.53	nq	# 90
68) Atrazine	11.75	200	26679	8.58	nq	93
69) Pentachlorophenol	11.90	266	178329	106.74	nq	97
70) Phenanthrene	12.14	178	831717	38.89	nq	99
71) Anthracene	12.18	178	835678	38.84	nq	99
72) Carbazole	12.33	167	299601	15.16	nq	99
73) Di-n-butylphthalate	12.66	149	905110	41.80	nq	# 79
74) Fluoranthene	13.41	202	910376	39.48	nq	99
77) Pyrene	13.67	202	932400	38.30	nq	99
79) Butylbenzylphthalate	14.37	149	380676	45.77	nq	88
80) Benzo(a)anthracene	15.11	228	910156	39.37	nq	99
82) Chrysene	15.15	228	895873	38.51	nq	100
83) Bis(2-ethylhexyl)phthalate	15.06	149	585180	42.57	nq	# 94
84) Di-n-octyl phthalate	15.90	149	970080	47.34	nq	98
85) Indeno(1,2,3-cd)pyrene	19.13	276	903933	39.74	nq	99
87) Benzo(b)fluoranthene	16.51	252	871355	64.70	nq	100
88) Benzo(k)fluoranthene	16.56	252	868669	55.05	nq	100
89) Benzo(a)pyrene	17.02	252	751818	57.09	nq	99
90) Dibenzo(a,h)anthracene	19.17	278	784400	63.57	nq	99
91) Benzo(g,h,i)perylene	19.75	276	739608	56.51	nq	98

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

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

apatel
6/5/2015 8:06:15 AM

[illegible]



#1

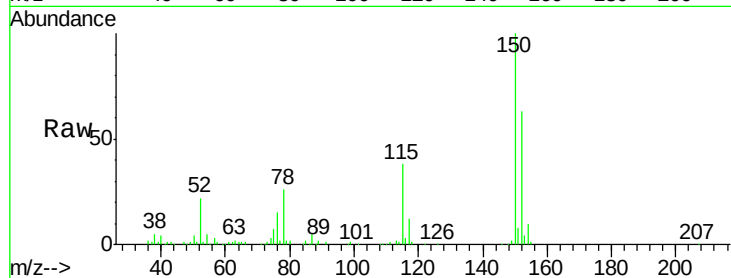
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.52 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

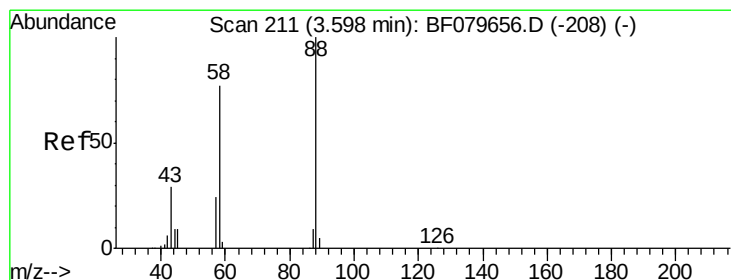
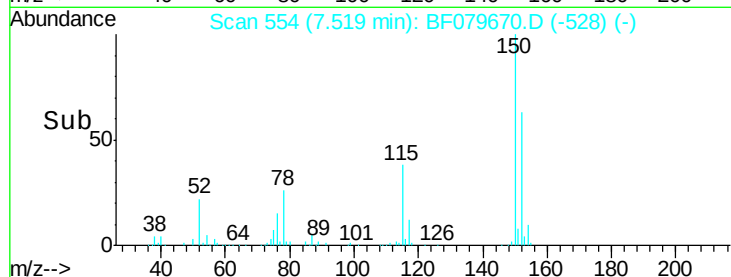
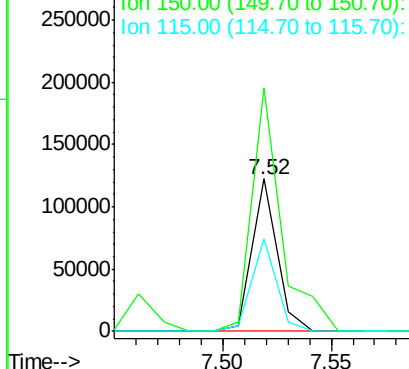
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.7	190.1
115	60.6	49.2	73.8

Manual Integrations
APPROVED

apatel
6/5/2015 8:06:15 AM



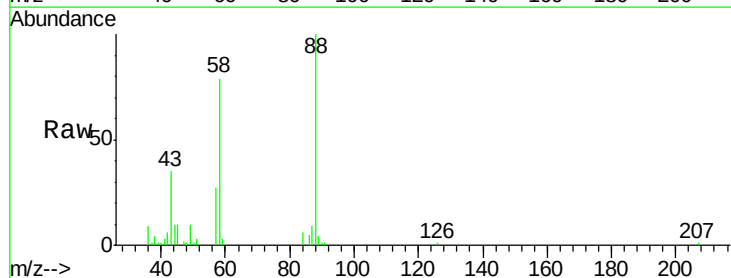
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



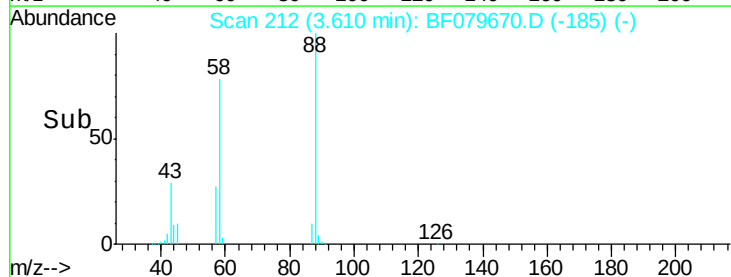
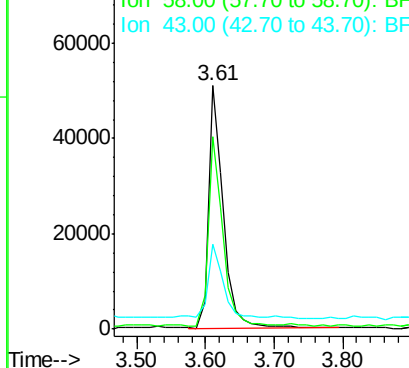
#2

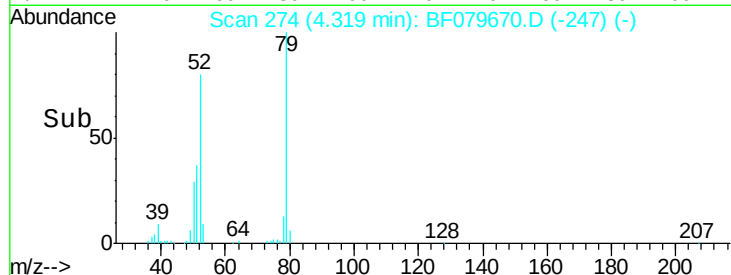
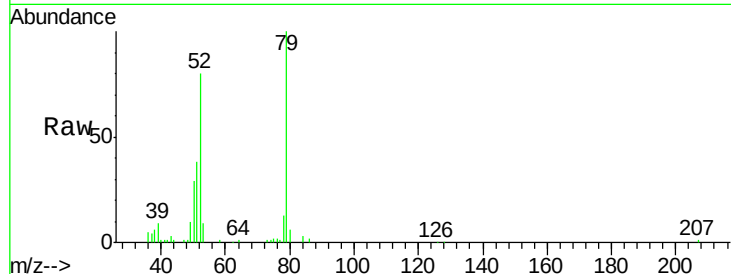
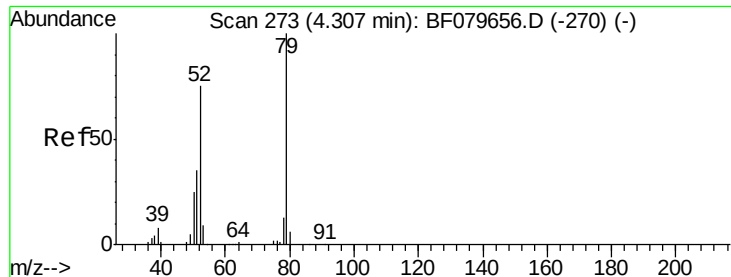
1,4-Dioxane
Concen: 30.17 ng
RT: 3.61 min Scan# 212
Delta R.T. 0.01 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.6	64.2	96.2
43	30.9	24.4	36.6



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





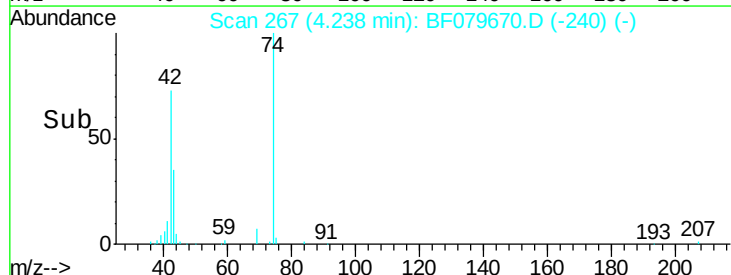
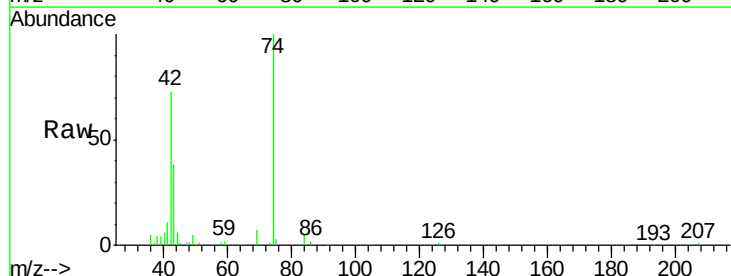
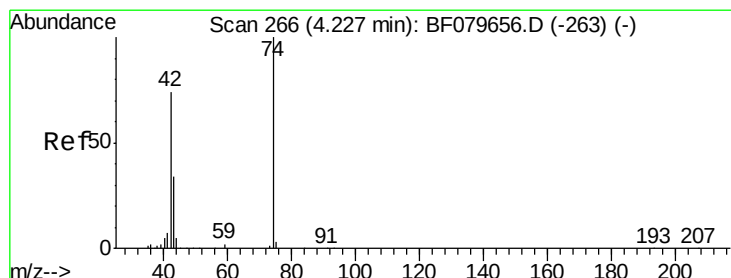
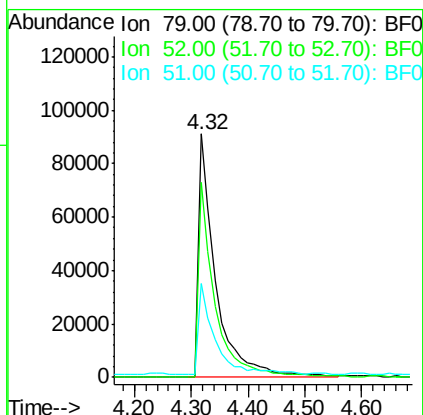
#3
 Pvridine
 Concen: 26.16 ng
 RT: 4.32 min Scan# 274
 Delta R.T. 0.01 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Tot Ion	Ratio	Resp	Lower	Upper
79	100	187643		
52	80.1	60.1	90.1	
51	38.5	28.2	42.4	

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MS

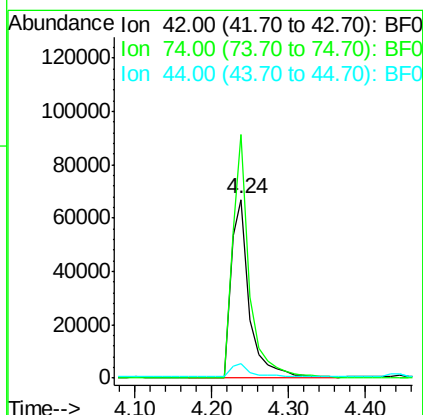
Manual Integrations
 APPROVED

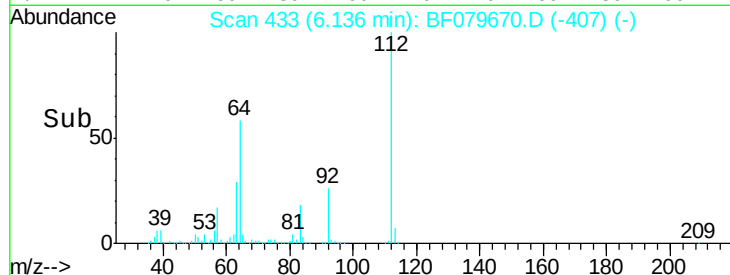
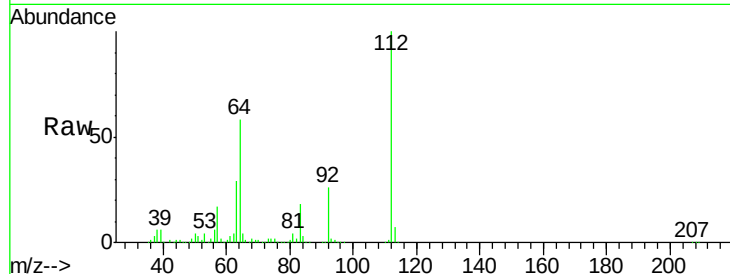
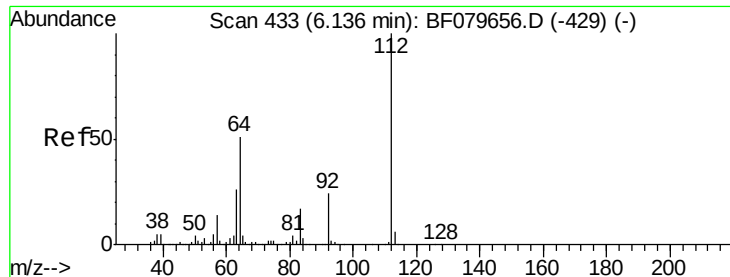
apatel
 6/5/2015 8:06:15 AM



#4
 n-Nitrosodimethylamine
 Concen: 35.74 ng
 RT: 4.24 min Scan# 267
 Delta R.T. 0.01 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	114261		
74	136.5	107.5	161.3	
44	8.0	6.2	9.2	





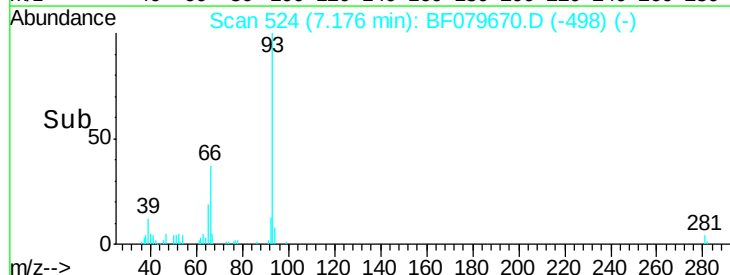
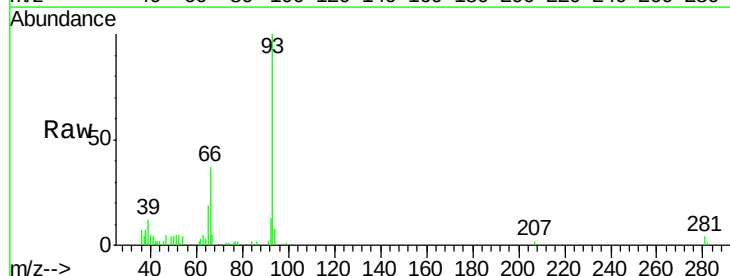
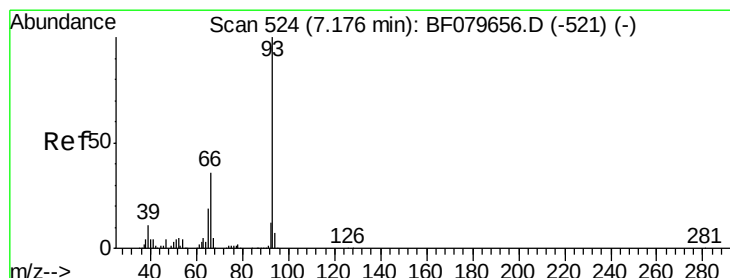
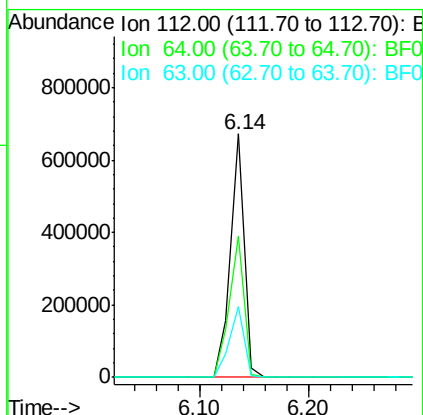
#5
2-Fluorophenol
Concen: 109.16 ng
RT: 6.14 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		589256		
64	57.9	41.1	61.7		
63	29.1	20.5	30.7		

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

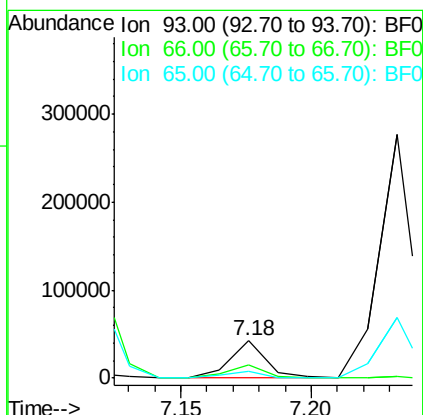
Manual Integrations
APPROVED

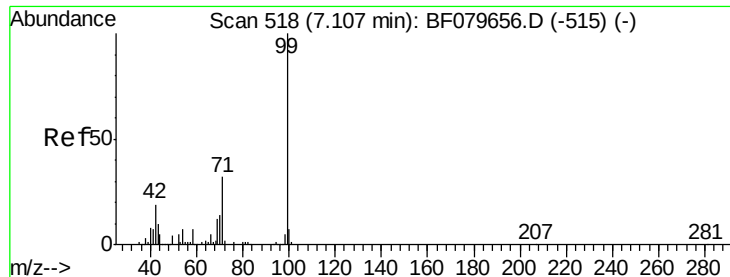
apatel
6/5/2015 8:06:15 AM



#6
Aniline
Concen: 4.04 ng
RT: 7.18 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		41088		
66	37.4	28.5	42.7		
65	18.6	15.0	22.6		





#7

Phenol-d6

Concen: 100.02 ng

RT: 7.11 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Instrument :

BNA_F

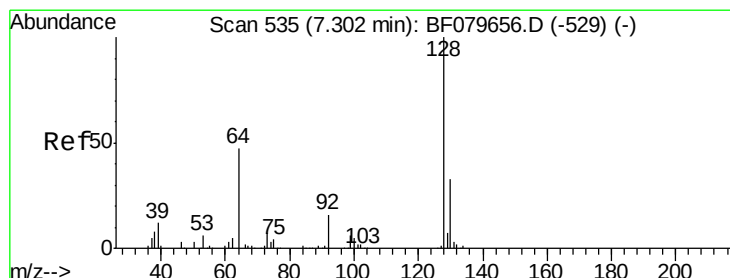
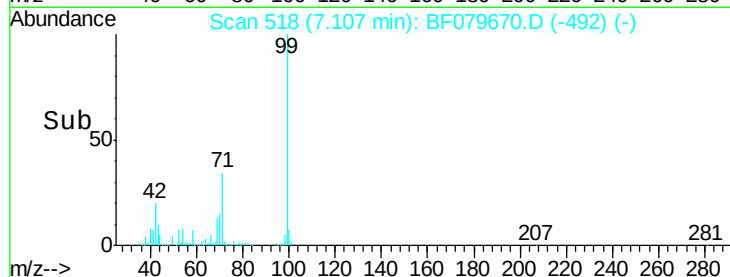
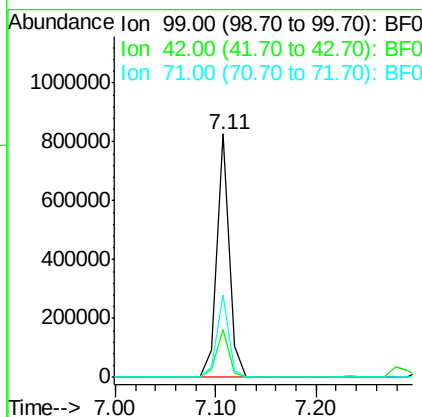
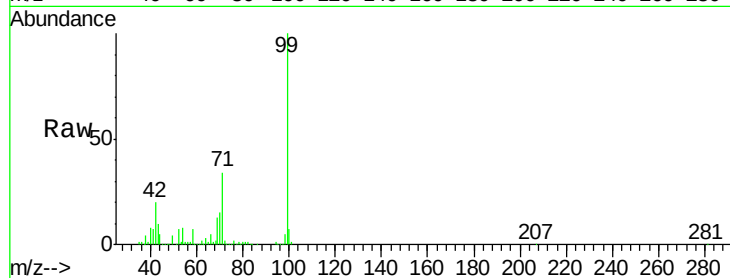
ClientSampleId :

WC-052915MS

Tot Ion:	99	Resp:	706312
Ion Ratio	Lower	Upper	
99	100		
42	19.8	15.2	22.8
71	33.8	25.9	38.9

Manual Integrations
APPROVED

apatel
6/5/2015 8:06:15 AM



#8

2-Chlorophenol

Concen: 38.42 ng

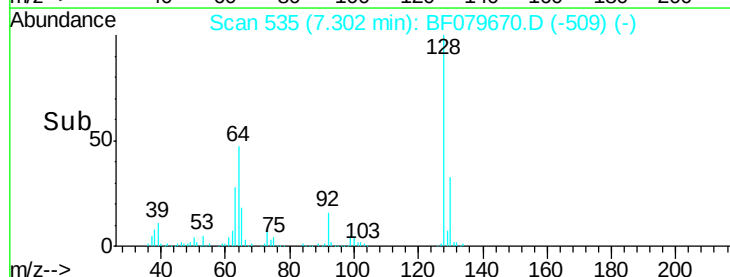
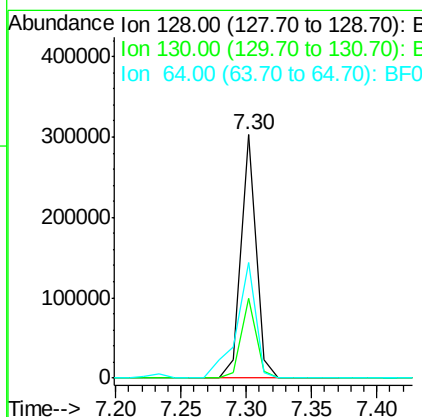
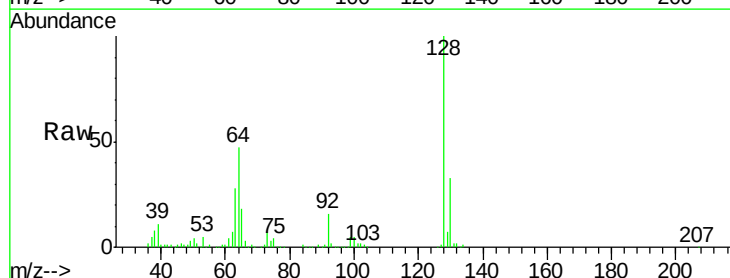
RT: 7.30 min Scan# 535

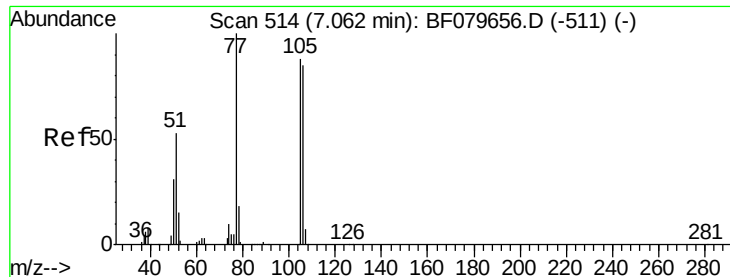
Delta R.T. -0.00 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Tgt Ion:	128	Resp:	240987
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.7	52.7
64	47.4	29.0	69.0





#9

Benzaldehyde

Concen: 5.47 ng

RT: 7.06 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Instrument :

BNA_F

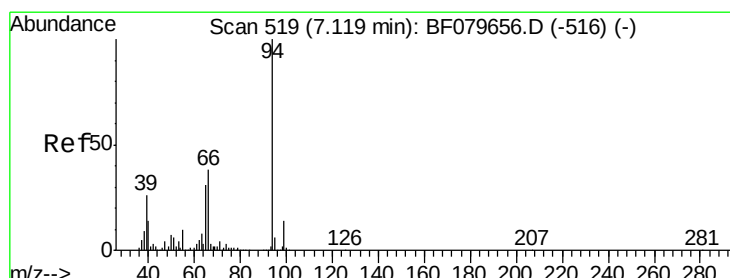
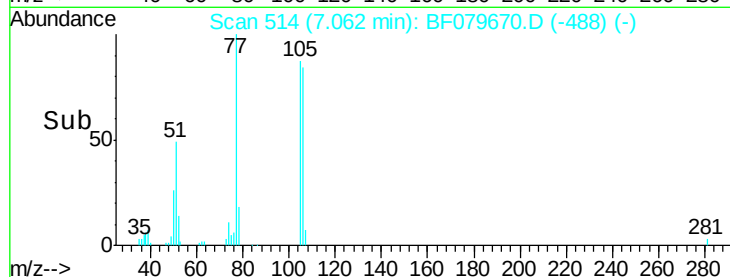
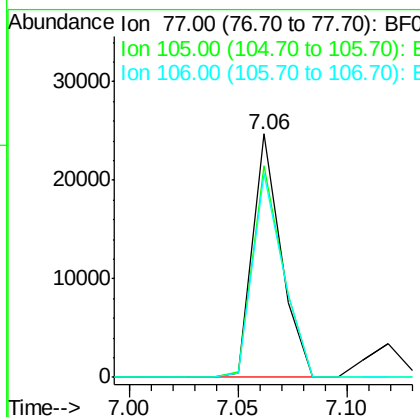
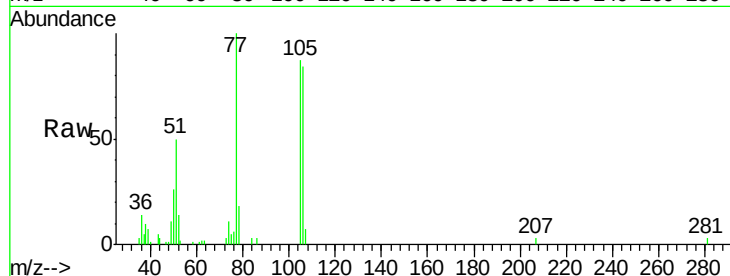
ClientSampleId :

WC-052915MS

Tot Ion:	77	Resp:	22453
Ion	Ratio	Lower	Upper
77	100		
105	86.7	68.2	108.2
106	83.6	64.9	104.9

Manual Integrations
APPROVED

apatel
6/5/2015 8:06:15 AM



#10

Phenol

Concen: 34.89 ng

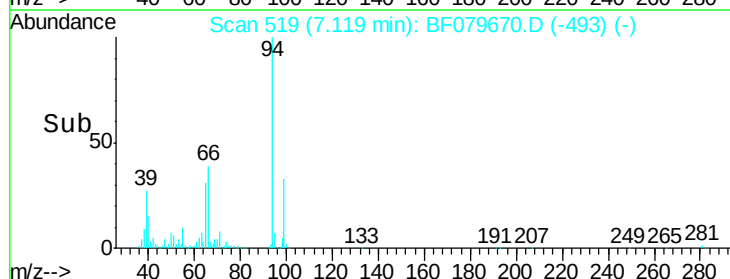
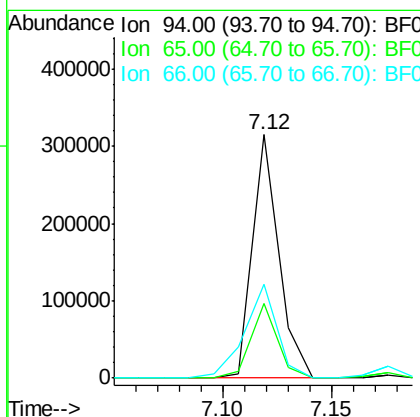
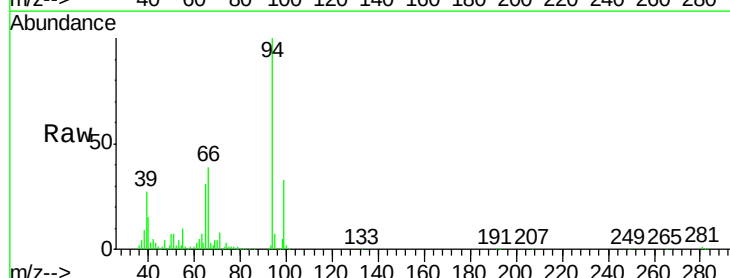
RT: 7.12 min Scan# 519

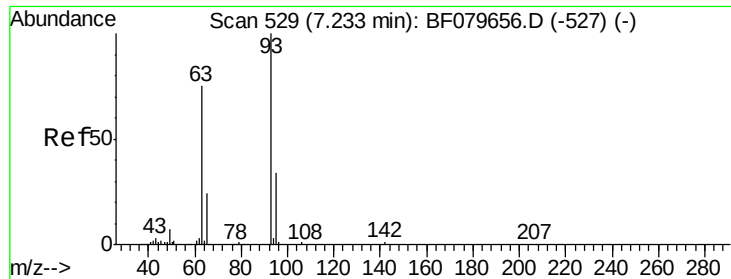
Delta R.T. -0.00 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Tgt Ion:	94	Resp:	265083
Ion	Ratio	Lower	Upper
94	100		
65	30.9	10.9	50.9
66	38.5	18.1	58.1





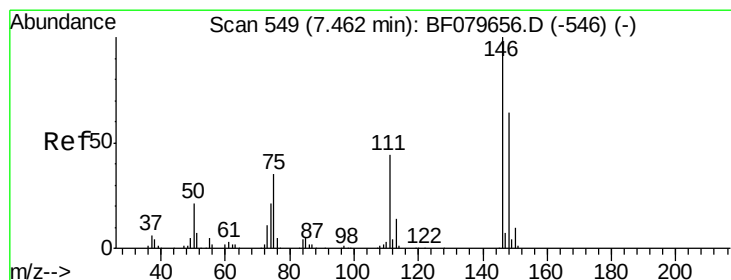
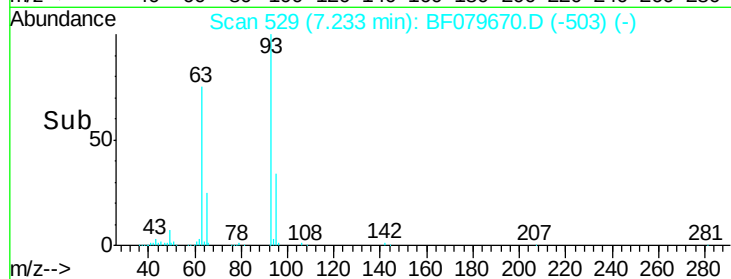
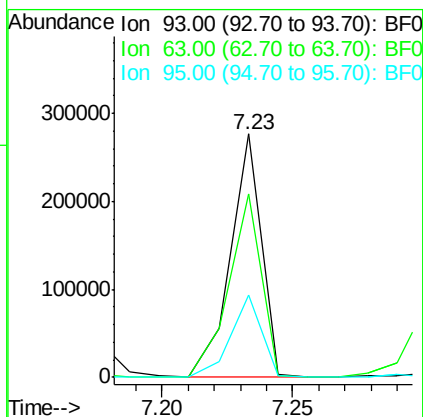
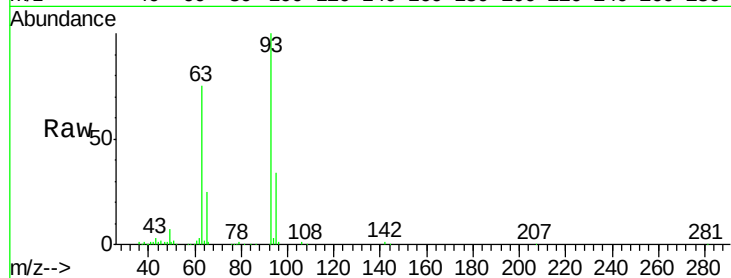
#11
bis(2-Chloroethyl)ether
Concen: 37.93 ng
RT: 7.23 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.3	54.7	94.7
95	33.8	13.5	53.5

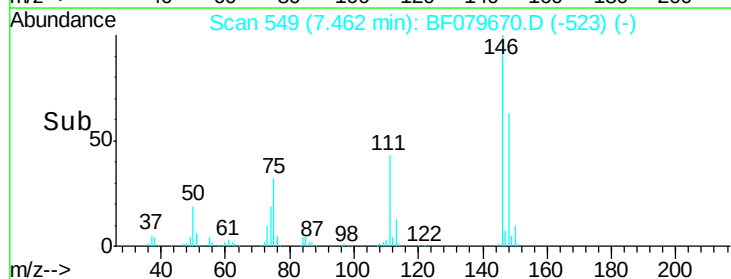
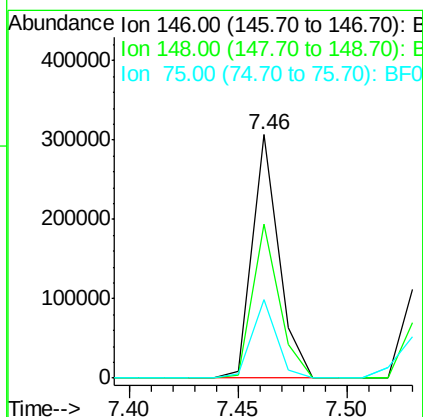
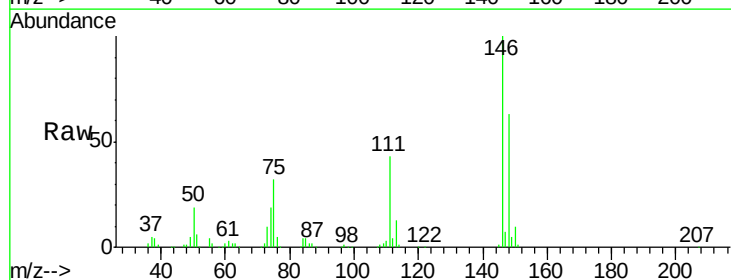
Manual Integrations
APPROVED

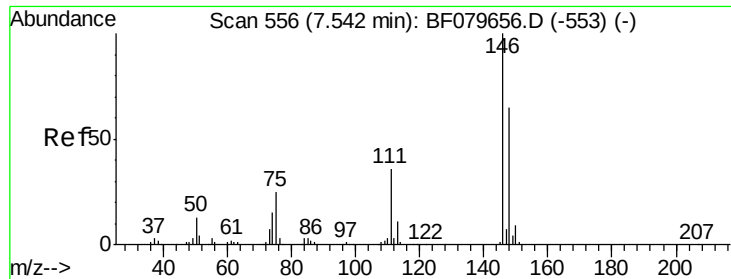
apatel
6/5/2015 8:06:15 AM



#12
1,3-Dichlorobenzene
Concen: 36.15 ng
RT: 7.46 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
75	32.2	28.2	42.4





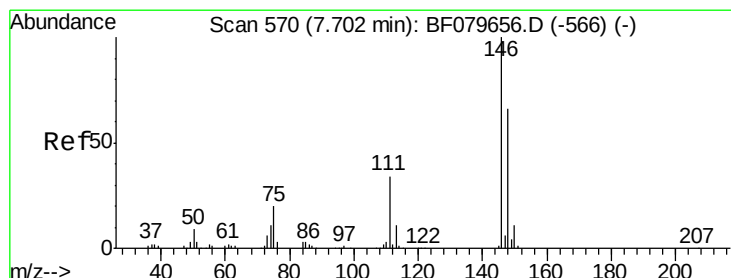
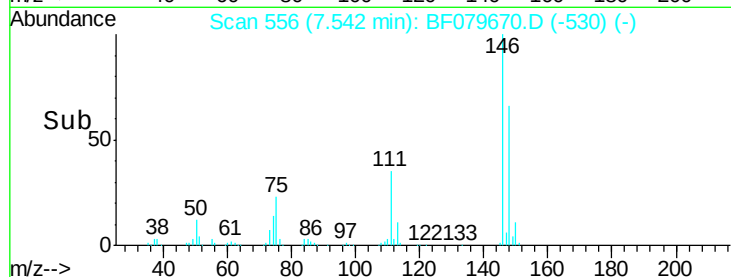
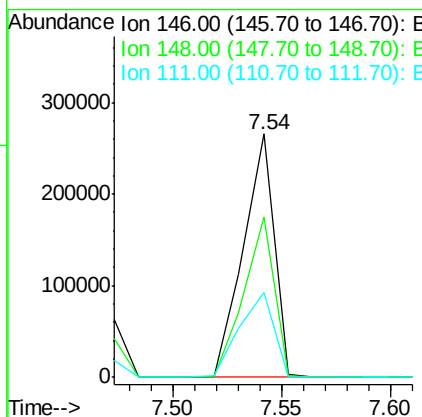
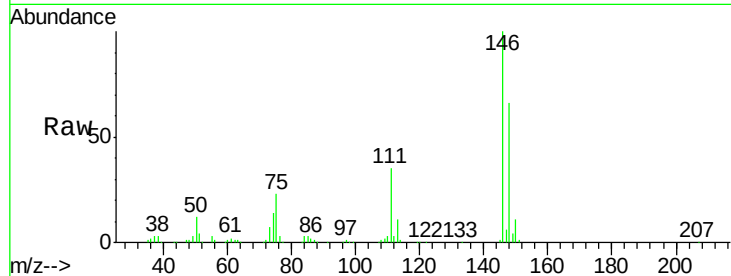
#13
1,4-Dichlorobenzene
Concen: 35.64 ng
RT: 7.54 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	261423		
148	66.1	52.1	78.1	
111	34.7	29.1	43.7	

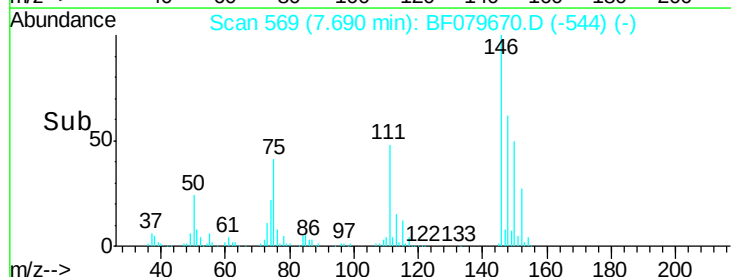
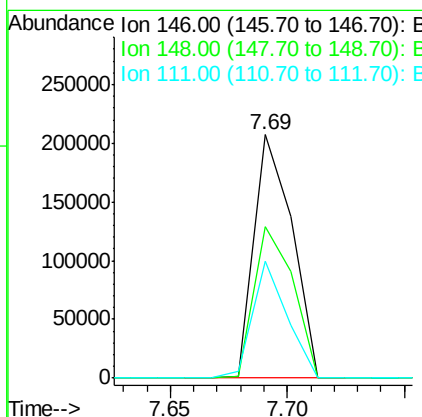
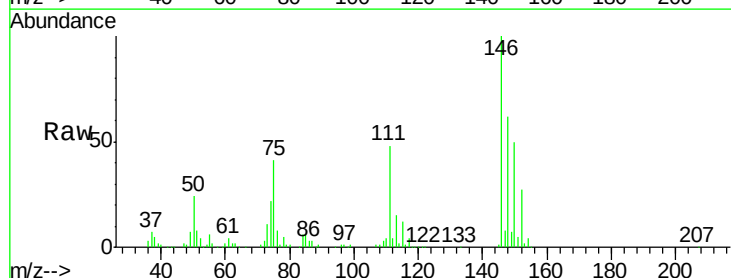
Manual Integrations
APPROVED

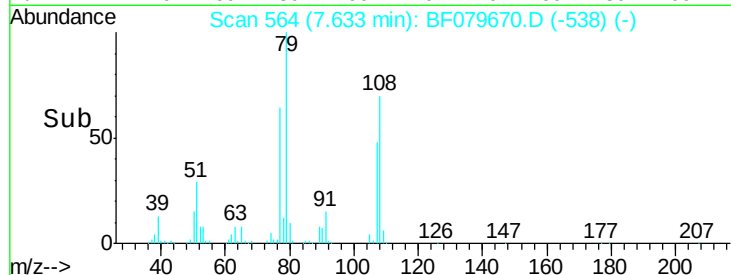
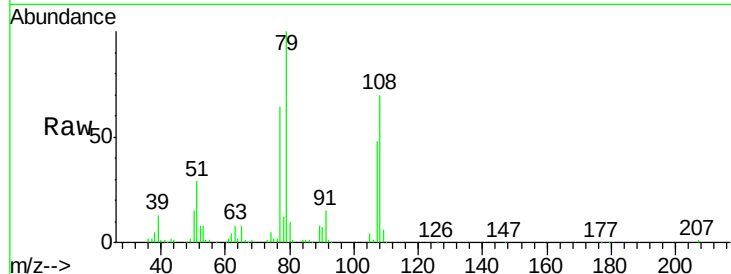
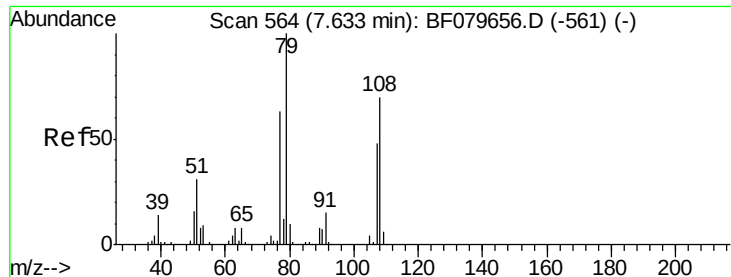
apatel
6/5/2015 8:06:15 AM



#14
1,2-Dichlorobenzene
Concen: 35.82 ng m
RT: 7.69 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	237851		
148	62.2	52.6	79.0	
111	47.9	27.3	40.9	





#15

Benzyl Alcohol

Concen: 29.97 ng

RT: 7.63 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF079670.D

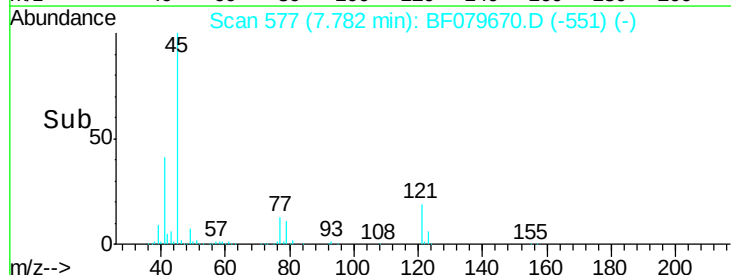
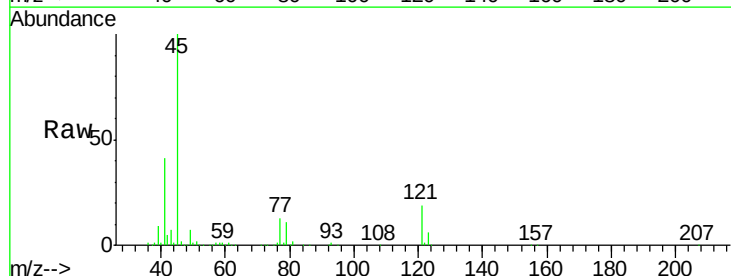
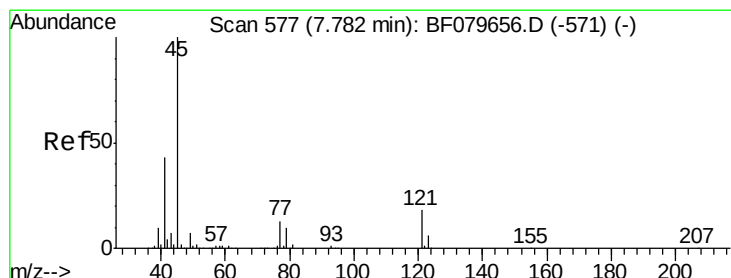
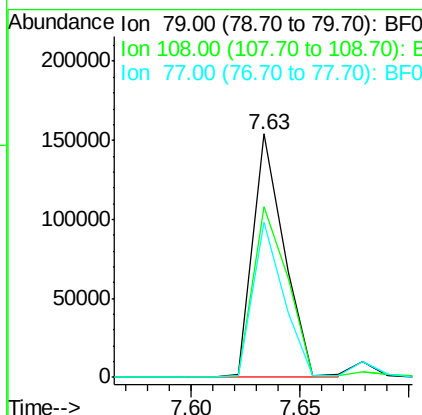
Acq: 3 Jun 2015 19:11

Tot Ion:	79	Resp:	154817
Ion Ratio	Lower	Upper	
79	100		
108	70.3	56.2	84.4
77	63.8	50.7	76.1

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

Manual Integrations
APPROVED

apatel
6/5/2015 8:06:15 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.16 ng

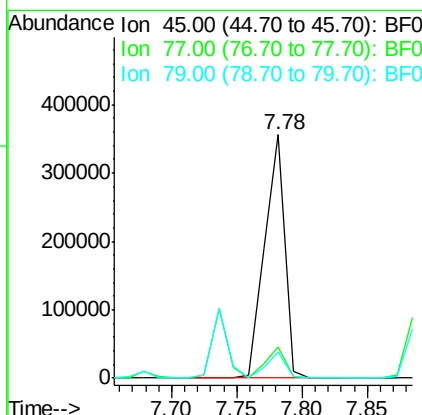
RT: 7.78 min Scan# 577

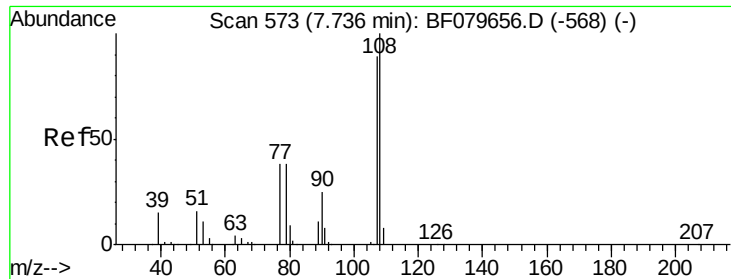
Delta R.T. -0.00 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Tgt Ion:	45	Resp:	385393
Ion Ratio	Lower	Upper	
45	100		
77	12.8	0.0	32.9
79	10.6	0.0	29.8





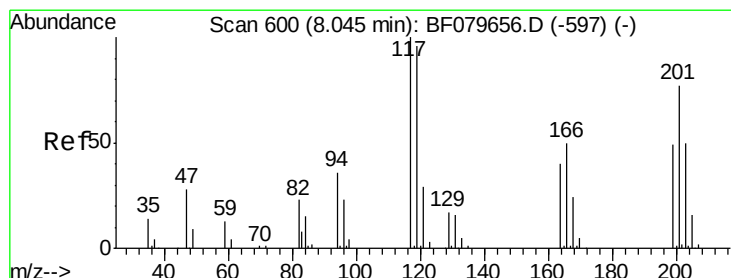
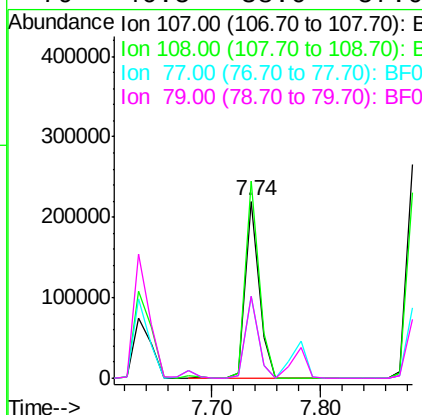
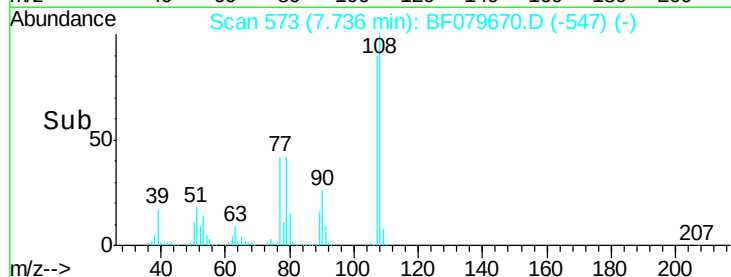
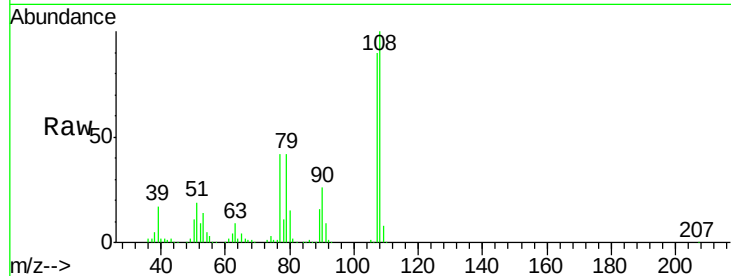
#17
2-Methylphenol
Concen: 37.10 ng
RT: 7.74 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.1	90.9	136.3	
77	46.6	38.6	57.8	
79	46.5	38.0	57.0	

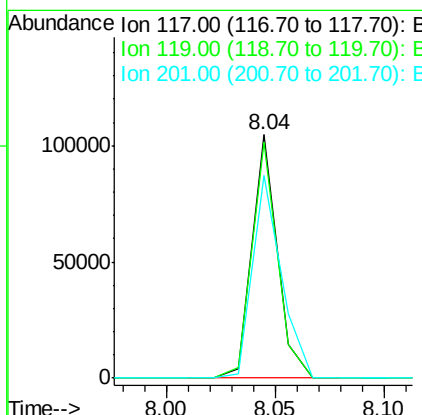
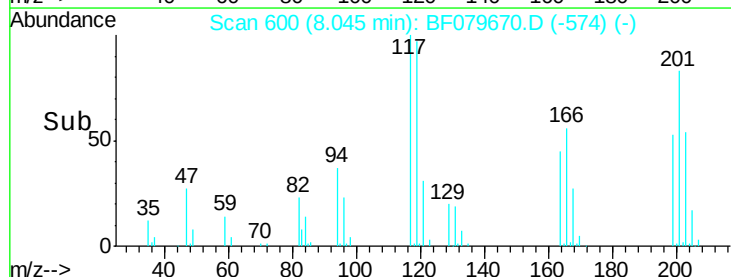
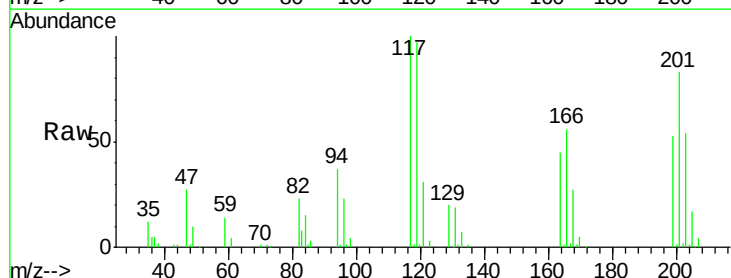
Manual Integrations
APPROVED

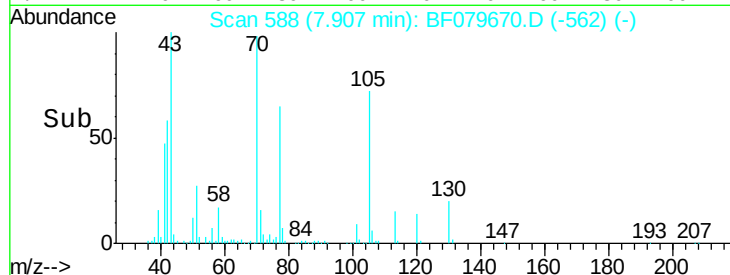
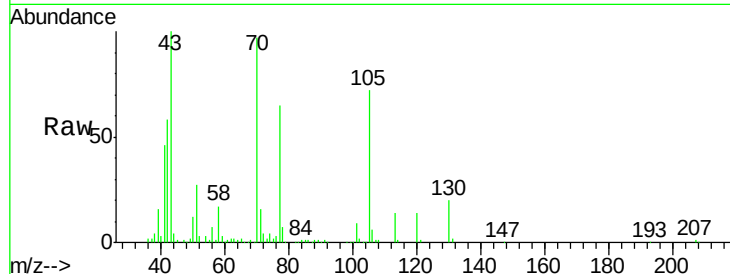
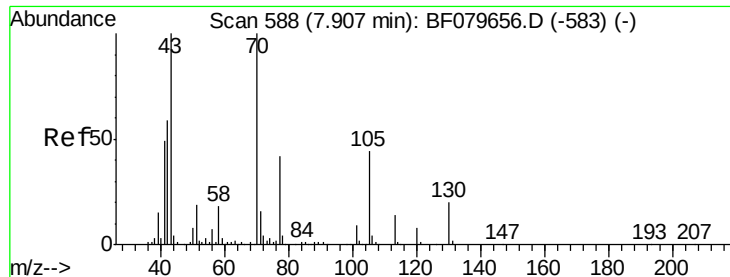
apatel
6/5/2015 8:06:15 AM



#18
Hexachloroethane
Concen: 35.24 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	76.7	115.1	
201	83.0	61.7	92.5	





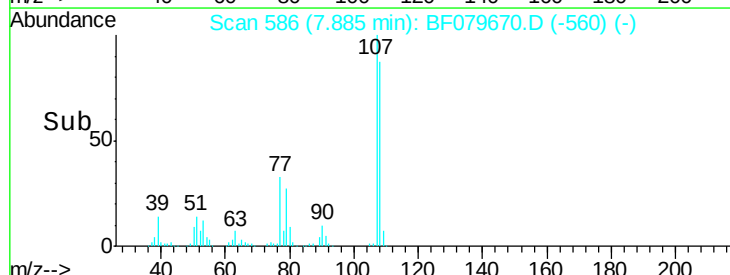
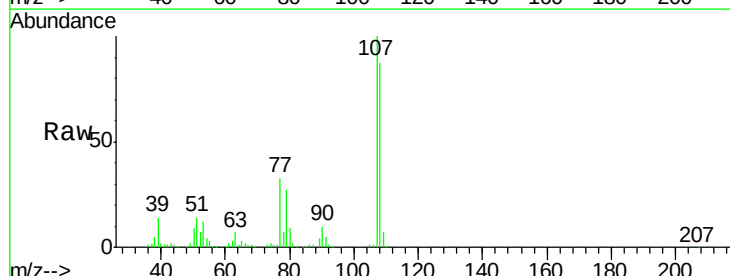
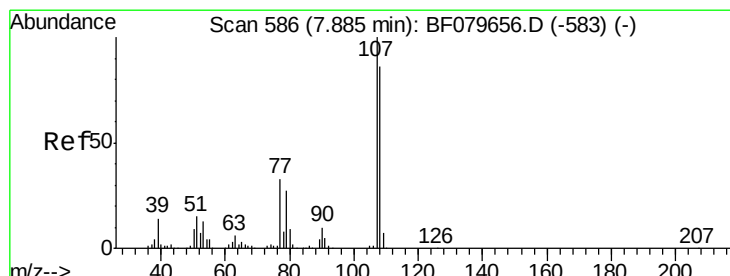
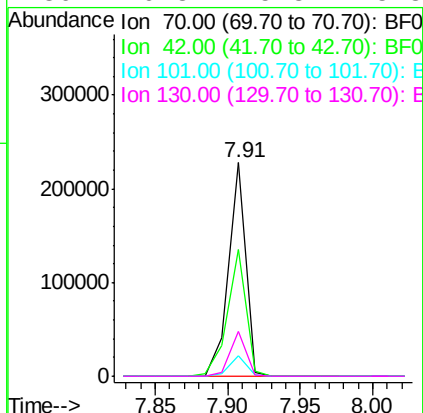
#19
n-Nitroso-di-n-propylamine
Concen: 38.73 ng
RT: 7.91 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

Manual Integrations
APPROVED

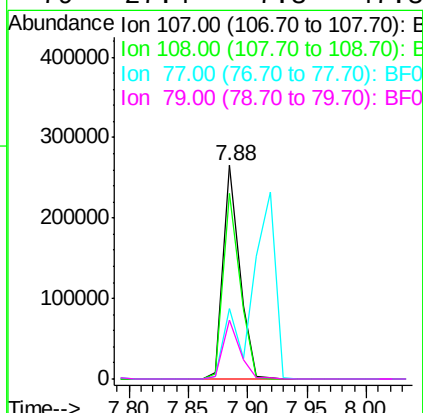
apatel
6/5/2015 8:06:15 AM

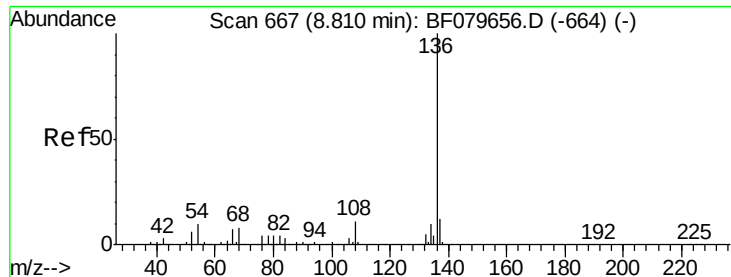
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.3	47.7	71.5	
101	9.4	7.4	11.0	
130	20.8	15.8	23.8	



#20
3+4-Methylphenols
Concen: 36.93 ng
RT: 7.88 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.7	66.2	106.2	
77	33.1	12.9	52.9	
79	27.4	7.3	47.3	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.81 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF079670.D

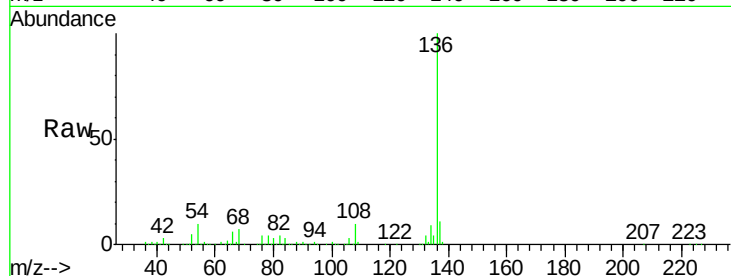
Acq: 3 Jun 2015 19:11

Instrument :

BNA_F

ClientSampleId :

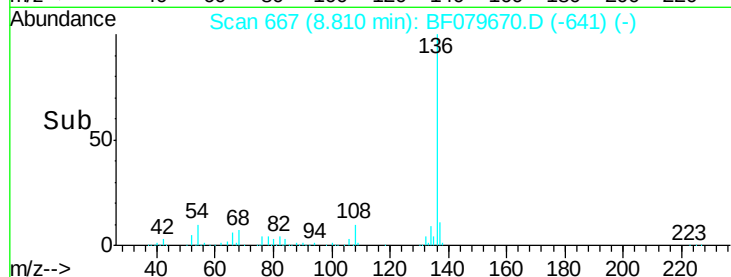
WC-052915MS



Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.3	13.9	
54	9.9	8.3	12.5	
68	7.3	6.1	9.1	

Manual Integrations
APPROVED

apatel
6/5/2015 8:06:15 AM

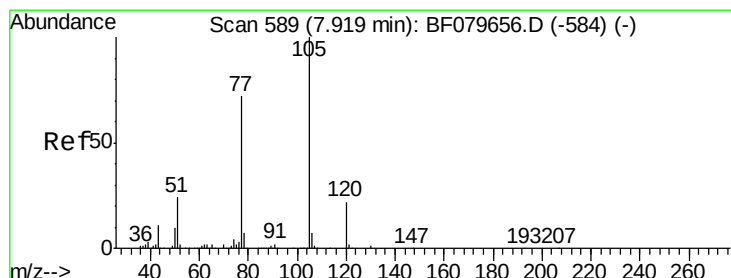
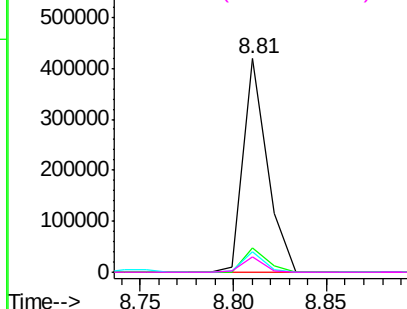


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

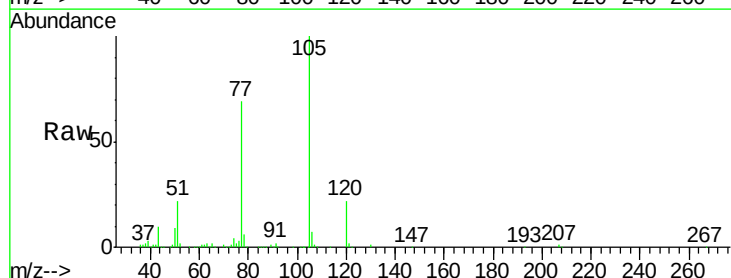
Concen: 39.99 ng

RT: 7.92 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11



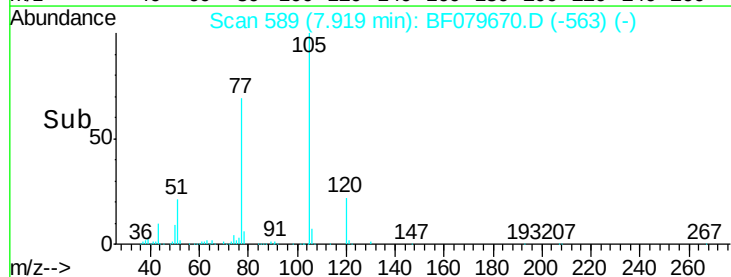
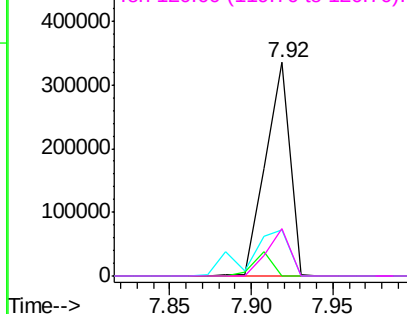
Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.2	0.2	0.4#	
51	21.7	19.2	28.8	
120	22.5	17.6	26.4	

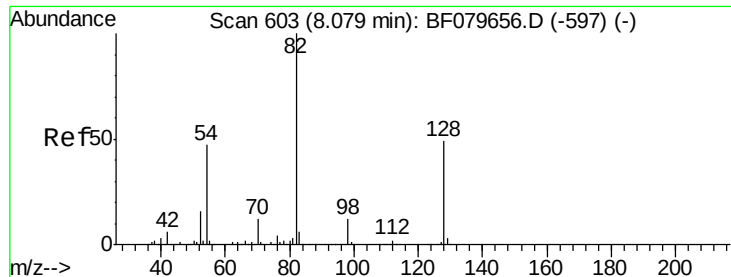
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





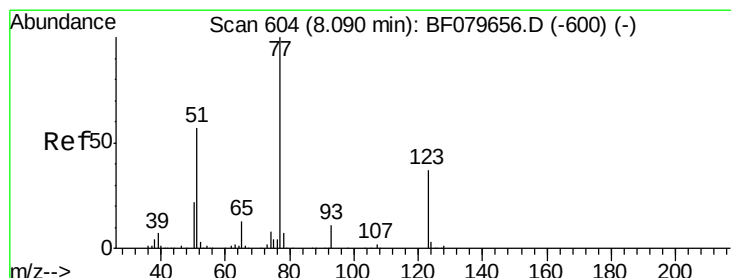
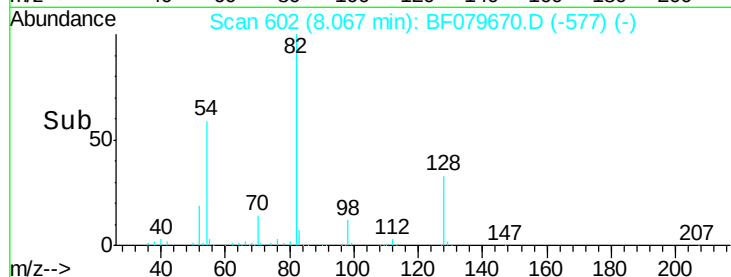
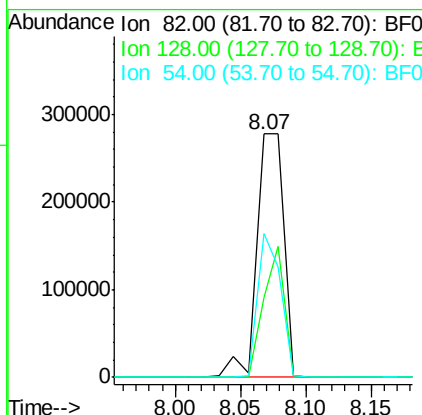
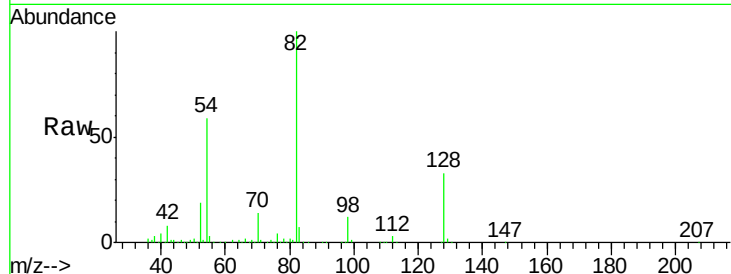
#23
 Nitrobenzene-d5
 Concen: 64.89 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	404381		
128	33.0	39.4	59.0#	
54	59.2	37.4	56.0#	

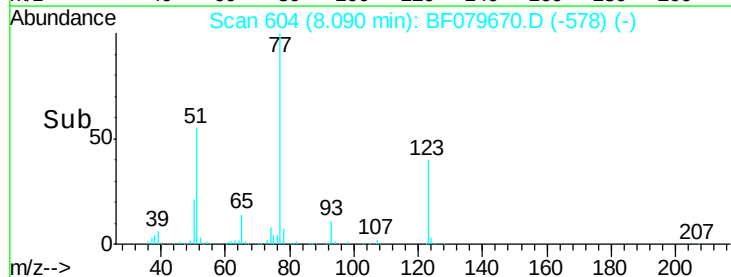
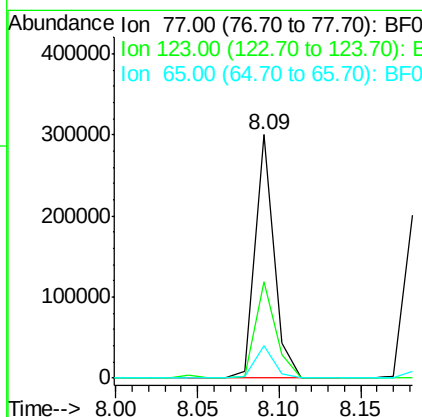
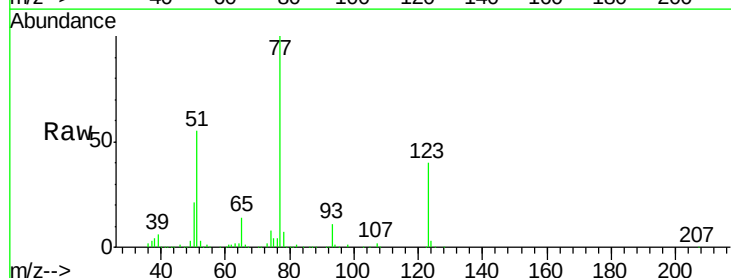
Manual Integrations
 APPROVED

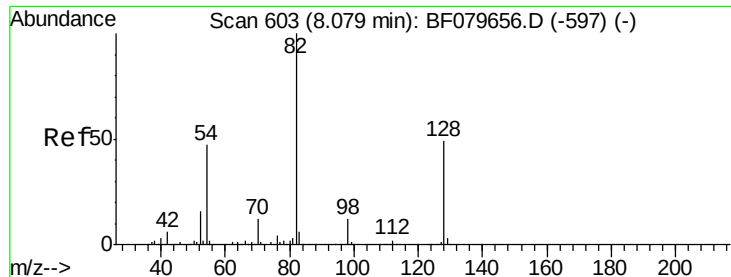
apatel
 6/5/2015 8:06:15 AM



#24
 Nitrobenzene
 Concen: 38.73 ng
 RT: 8.09 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	242634		
123	39.8	30.6	45.8	
65	13.6	10.5	15.7	





#25

Isophorone

Concen: 37.95 ng

RT: 8.33 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Instrument :

BNA_F

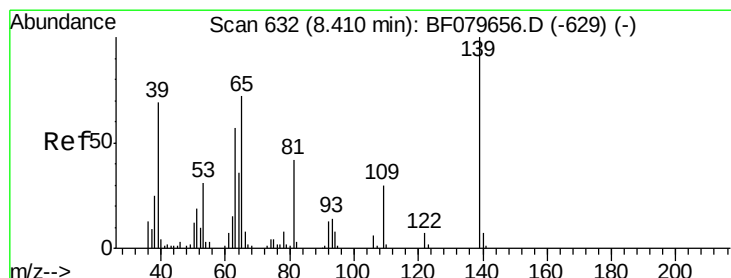
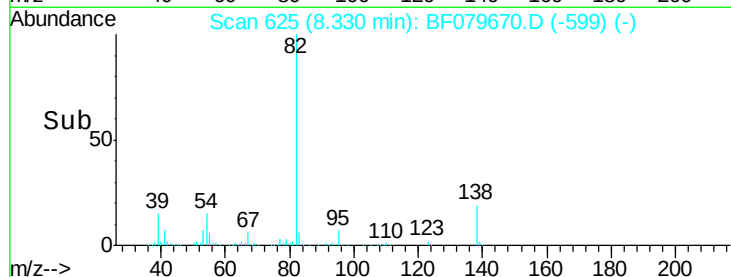
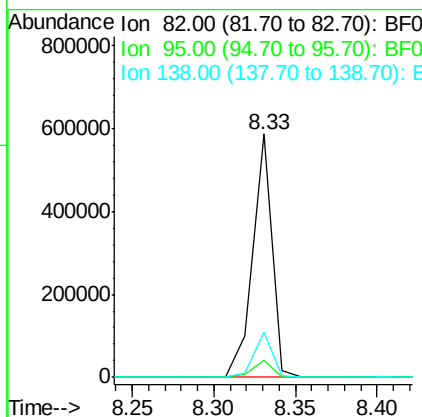
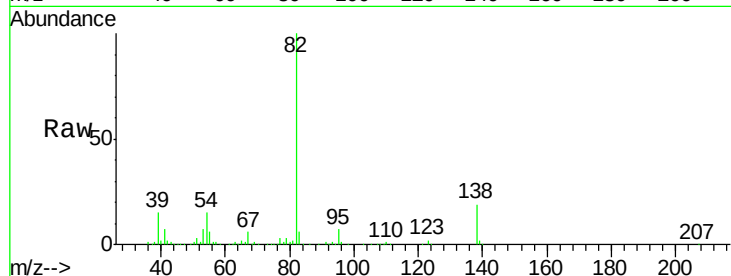
ClientSampleId :

WC-052915MS

Tot Ion:	82	Resp:	483491
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.2
138	18.8	14.4	21.6

Manual Integrations
APPROVED

apatel
6/5/2015 8:06:15 AM



#26

2-Nitrophenol

Concen: 35.21 ng

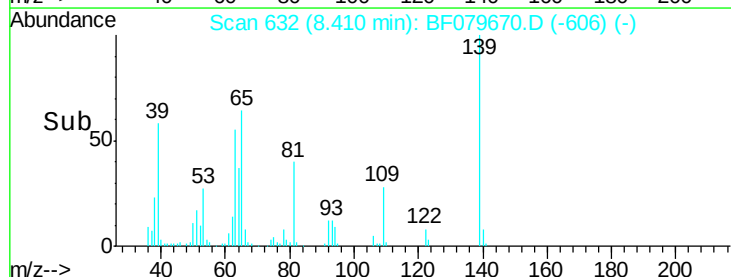
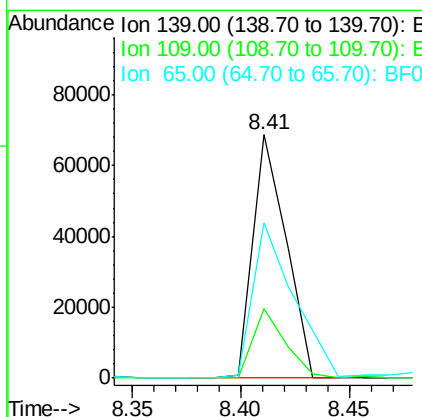
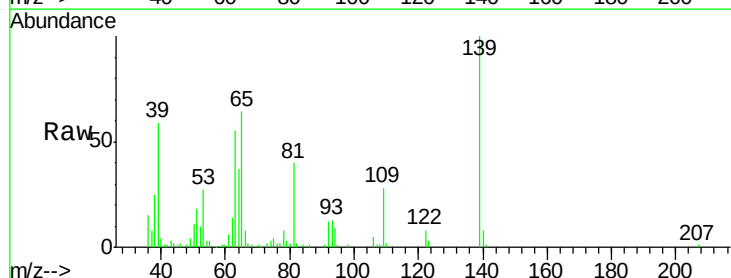
RT: 8.41 min Scan# 632

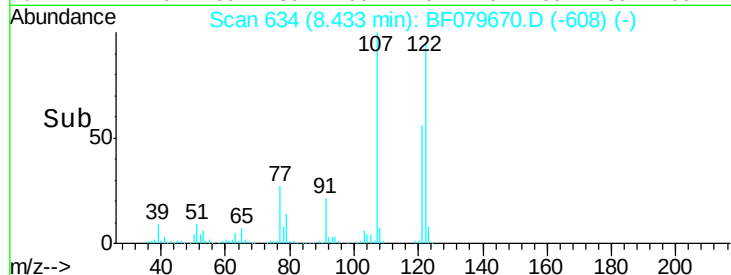
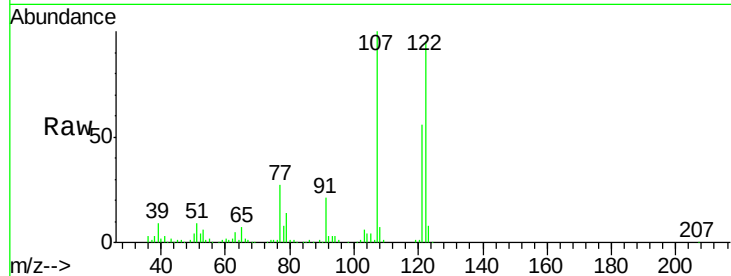
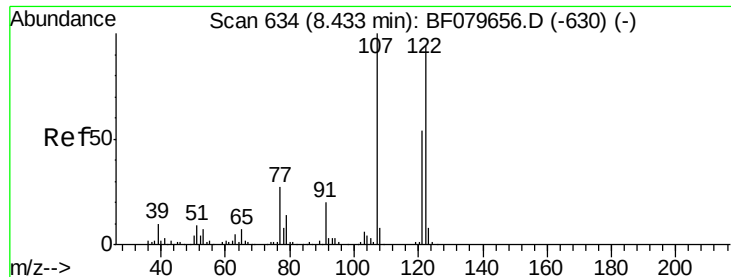
Delta R.T. -0.00 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Tgt Ion:	139	Resp:	72854
Ion Ratio	Lower	Upper	
139	100		
109	28.4	23.6	35.4
65	64.0	57.4	86.0





#27

2,4-Dimethylphenol

Concen: 35.99 ng/mL

RT: 8.43 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF079670.D

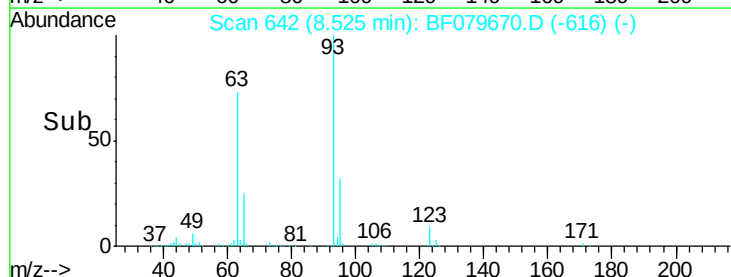
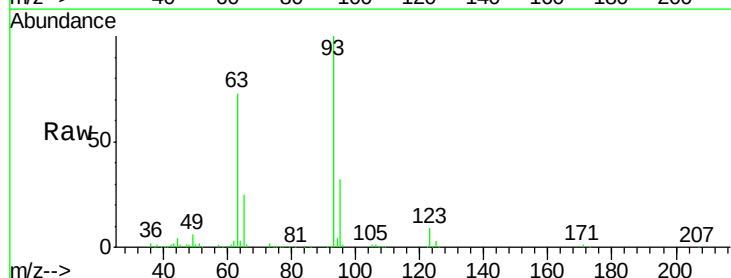
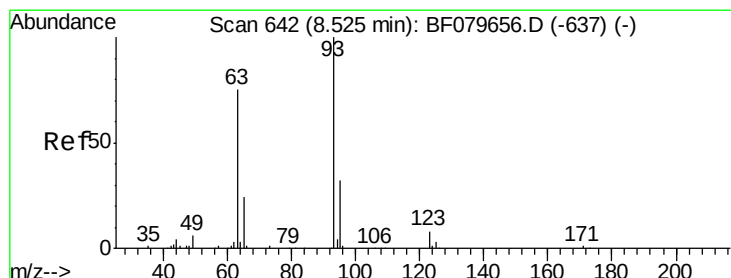
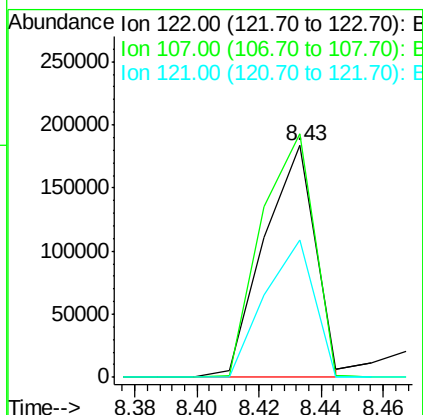
Acq: 3 Jun 2015 19:11

Tot Ion:	122	Resp:	209871
Ion Ratio	Lower	Upper	
122	100		
107	104.9	85.0	127.6
121	59.3	46.3	69.5

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

Manual Integrations
APPROVED

apatel
6/5/2015 8:06:15 AM



#28

bis(2-Chloroethoxy)methane

Concen: 36.45 ng/mL

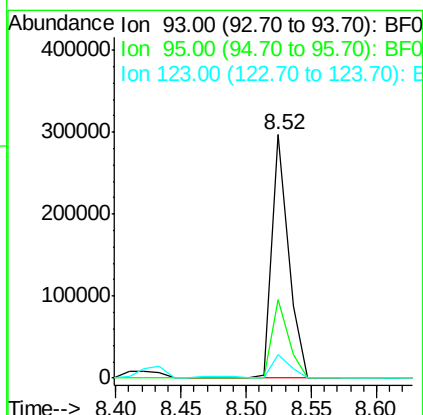
RT: 8.52 min Scan# 642

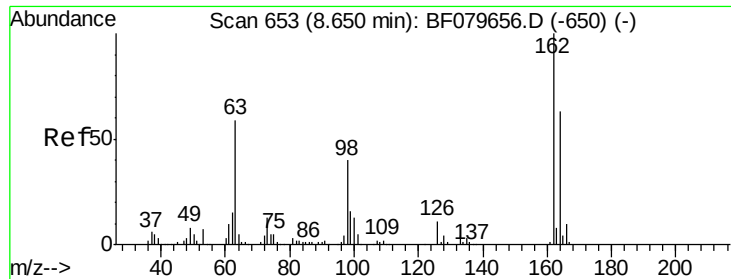
Delta R.T. -0.00 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Tgt Ion:	93	Resp:	266878
Ion Ratio	Lower	Upper	
93	100		
95	32.2	25.8	38.6
123	9.4	6.8	10.2





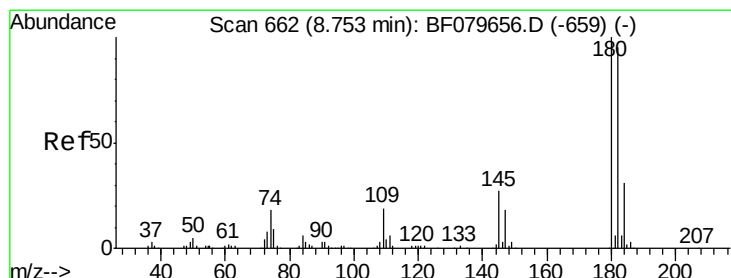
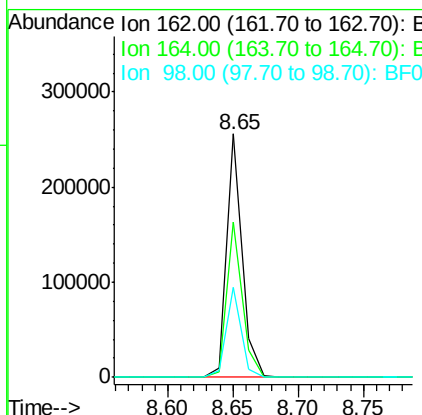
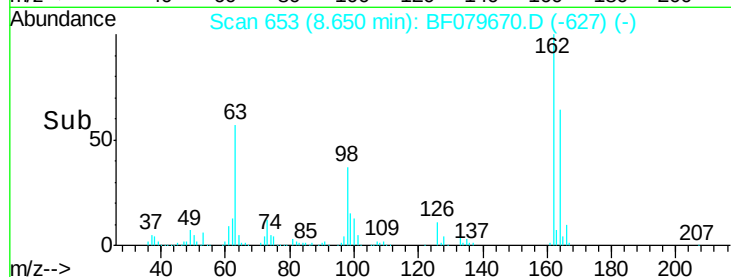
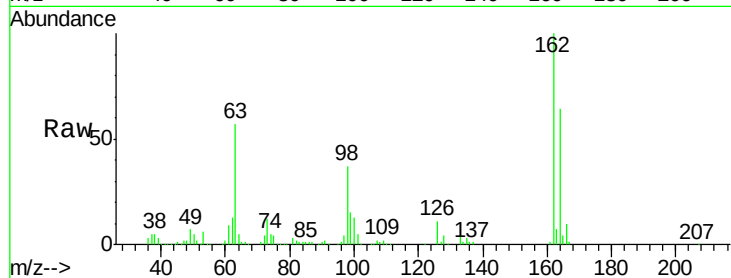
#29
 2,4-Dichlorophenol
 Concen: 40.81 ng
 RT: 8.65 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	212237		
164	63.9	43.0	83.0	
98	36.9	19.8	59.8	

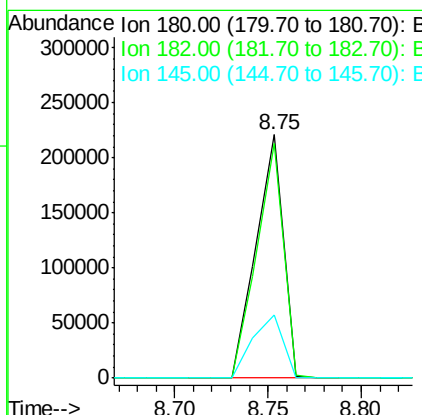
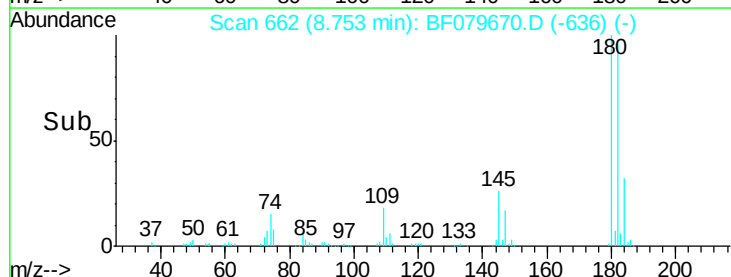
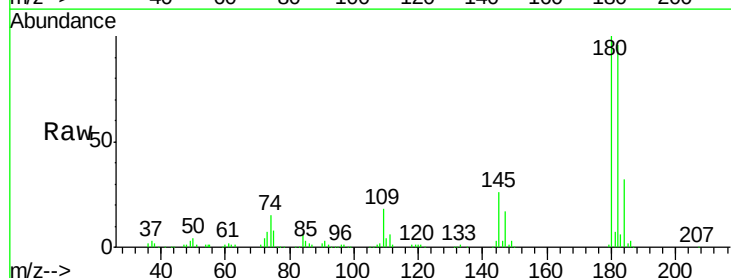
Manual Integrations
 APPROVED

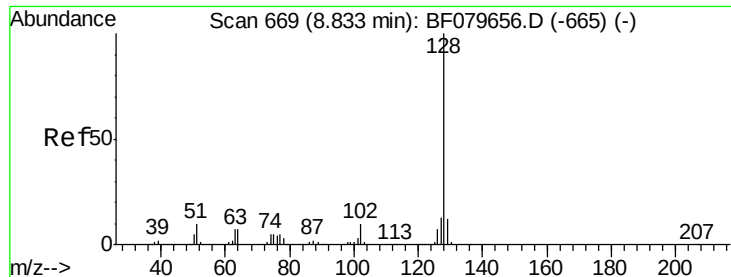
apatel
 6/5/2015 8:06:15 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.95 ng
 RT: 8.75 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	222456		
182	96.3	76.1	114.1	
145	25.9	21.8	32.8	





#31

Naphthalene

Concen: 35.57 ng

RT: 8.83 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Instrument :

BNA_F

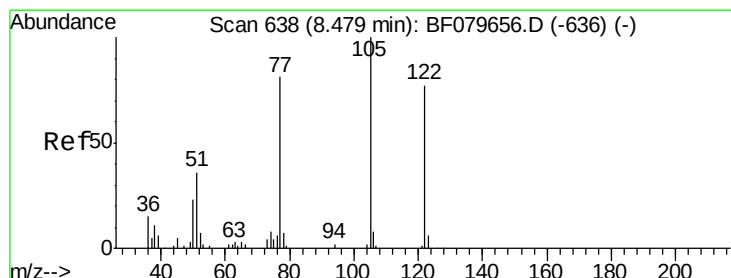
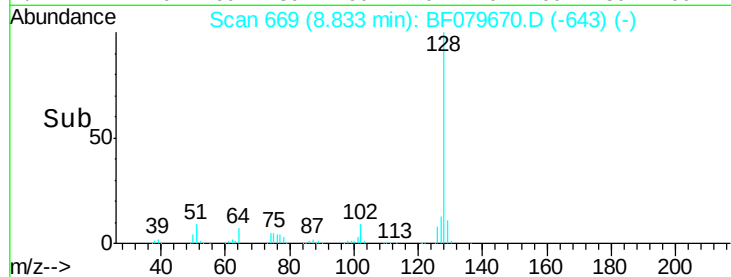
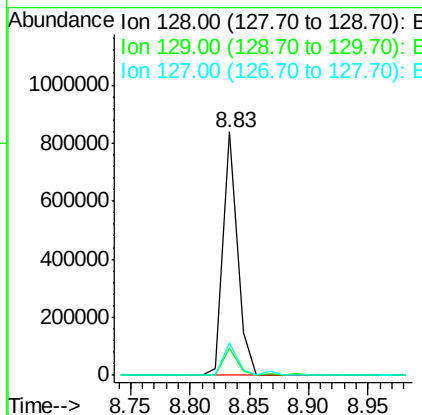
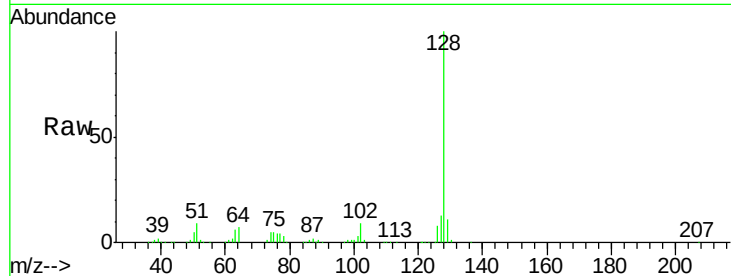
ClientSampleId :

WC-052915MS

Tot Ion:	128	Resp:	695226
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.3	13.9
127	13.4	10.4	15.6

Manual Integrations
APPROVED

apatel
6/5/2015 8:06:15 AM



#32

Benzoic acid

Concen: 44.35 ng m

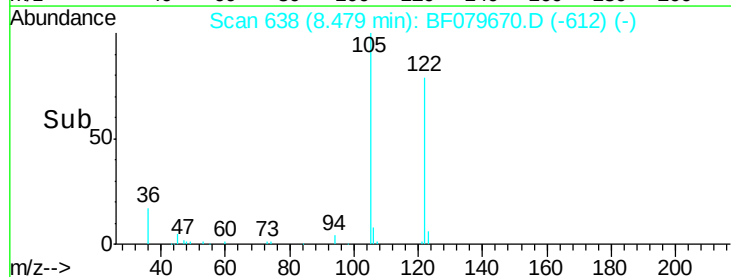
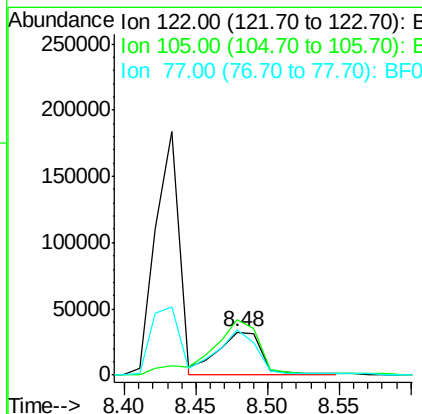
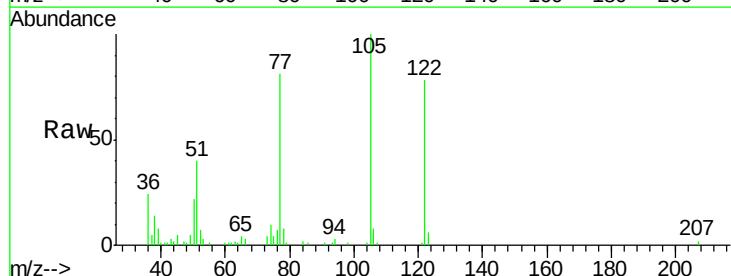
RT: 8.48 min Scan# 638

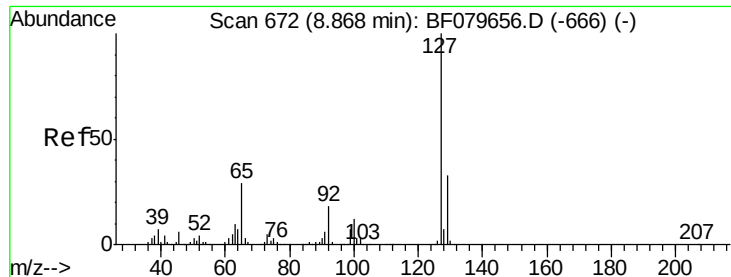
Delta R.T. -0.00 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Tgt Ion:	122	Resp:	71645
Ion Ratio	Lower	Upper	
122	100		
105	128.2	109.7	149.7
77	103.8	86.1	126.1





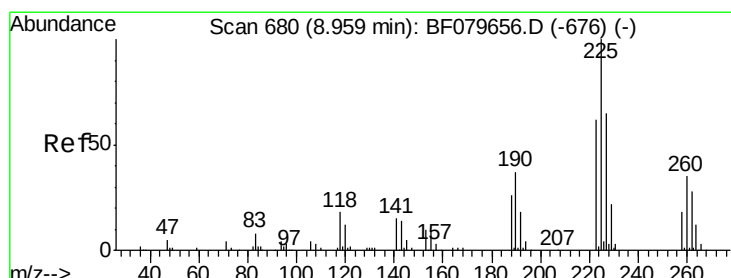
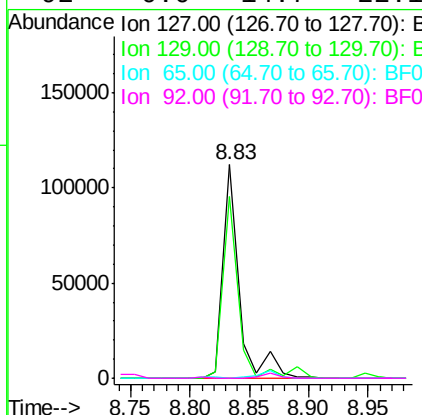
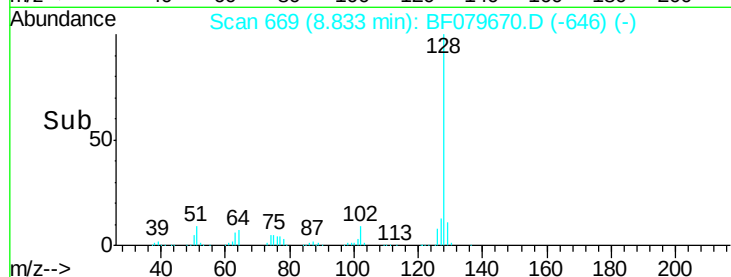
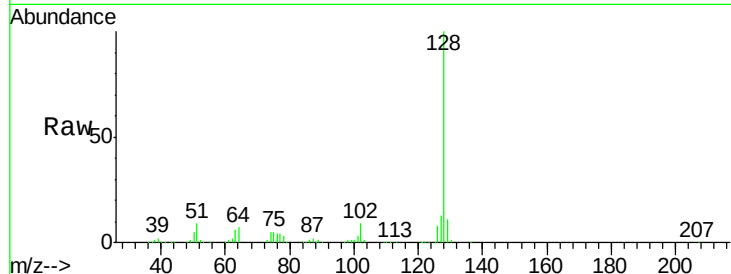
#33
4-Chloroaniline
Concen: 9.99 ng
RT: 8.83 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	85.2	26.5	39.7#		
65	0.0	23.0	34.6#		
92	0.0	14.7	22.1#		

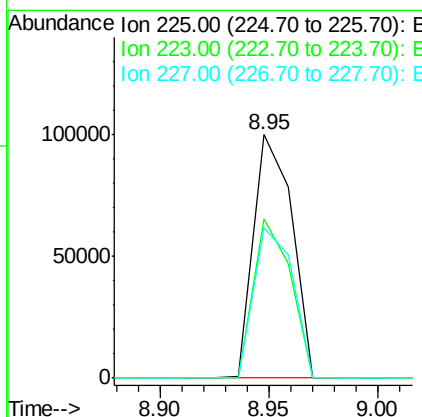
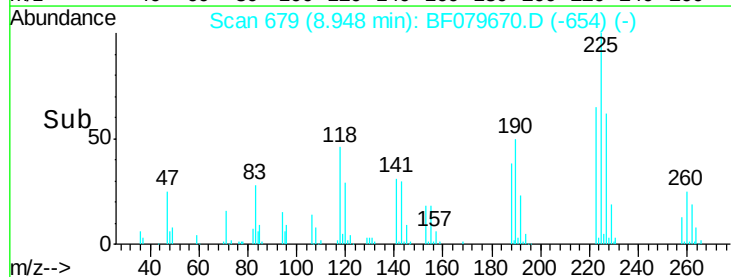
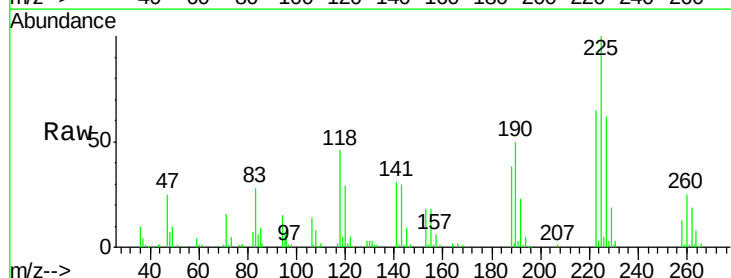
Manual Integrations
APPROVED

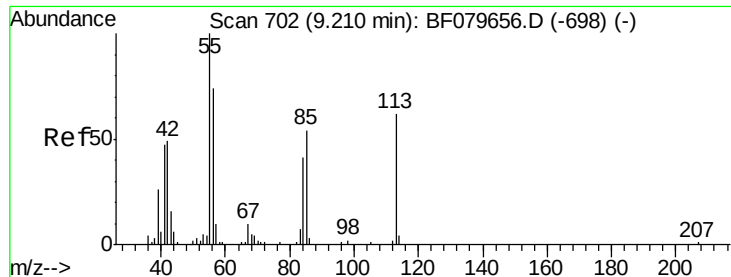
apatel
6/5/2015 8:06:15 AM



#34
Hexachlorobutadiene
Concen: 37.34 ng
RT: 8.95 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.3	49.6	74.4		
227	61.6	52.3	78.5		





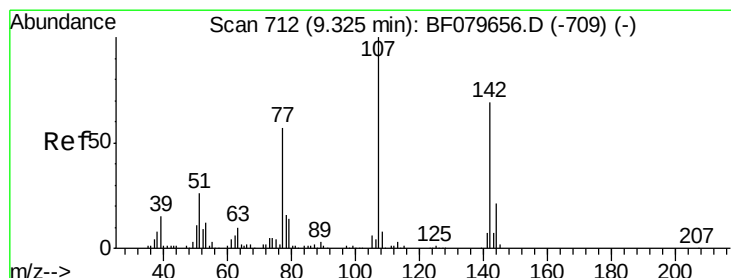
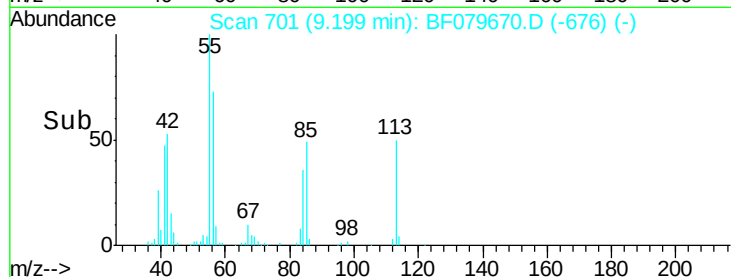
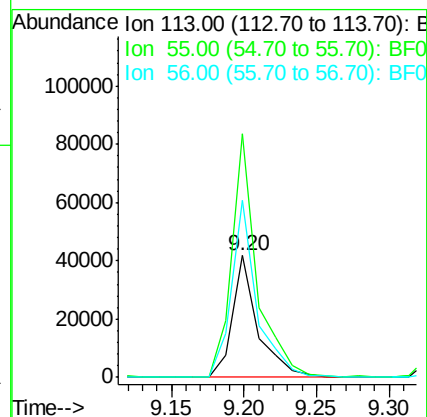
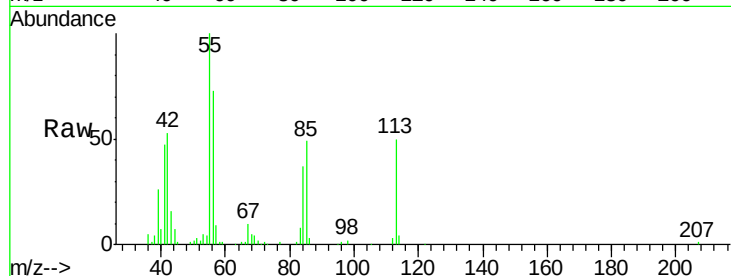
#35
 Caprolactam
 Concen: 35.01 ng
 RT: 9.20 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Instrument :
 BNA_F
 ClientSampleID :
 WC-052915MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	200.4	142.3	182.3#
56	145.5	99.8	139.8#

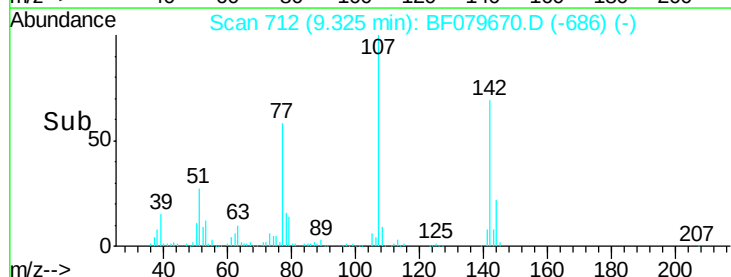
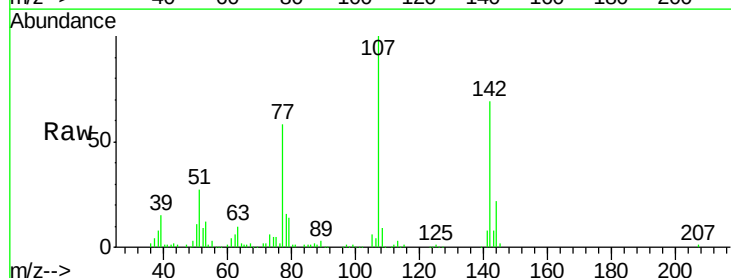
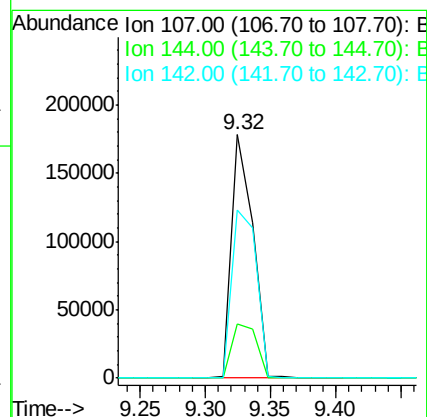
Manual Integrations
 APPROVED

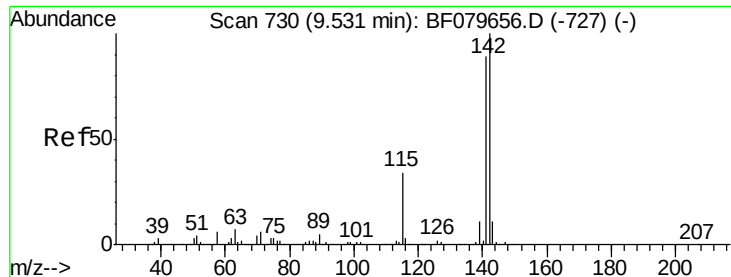
apatel
 6/5/2015 8:06:15 AM



#36
 4-Chloro-3-methylphenol
 Concen: 38.36 ng
 RT: 9.32 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.2	17.0	25.4
142	69.2	55.1	82.7





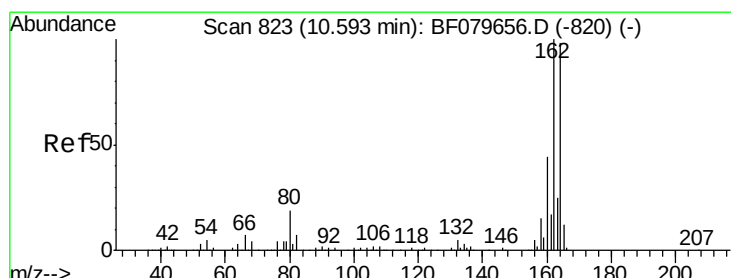
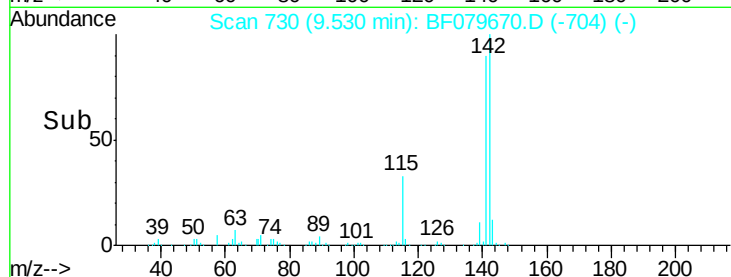
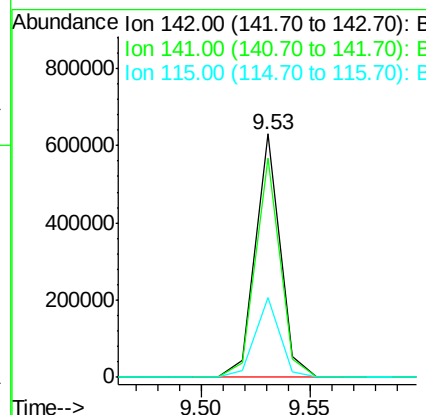
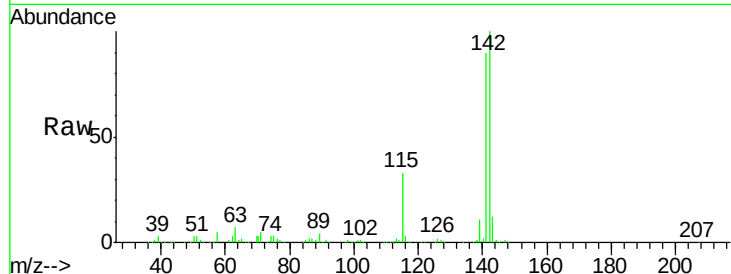
#37
2-Methylnaphthalene
Concen: 38.22 ng
RT: 9.53 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	498277		
141	90.0	71.4	107.0	
115	33.0	27.3	40.9	

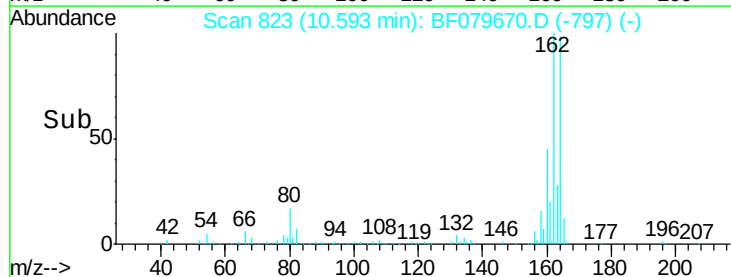
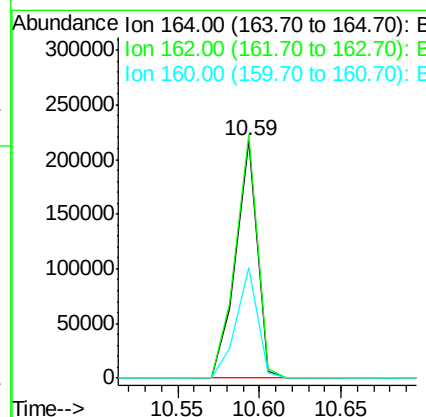
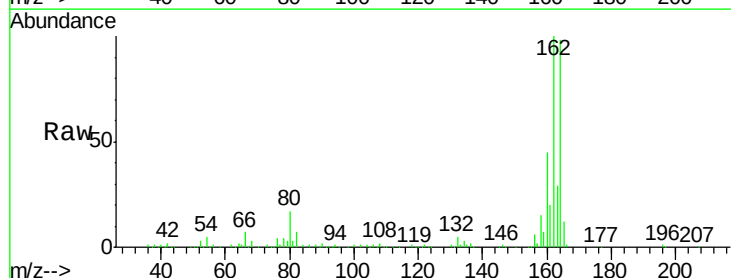
Manual Integrations
APPROVED

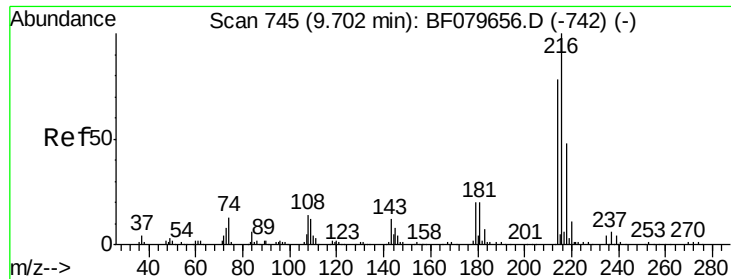
apatel
6/5/2015 8:06:15 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.59 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	196823		
162	102.4	82.0	123.0	
160	46.3	35.9	53.9	





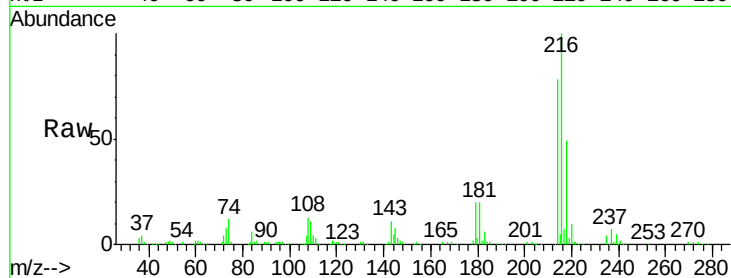
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.08 ng
 RT: 9.70 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MS

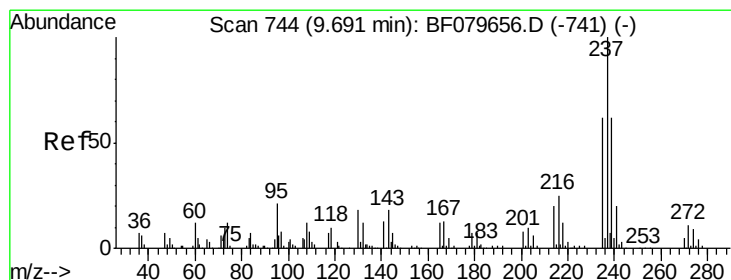
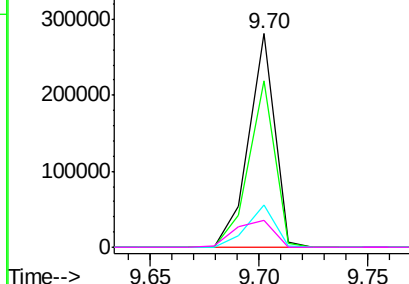
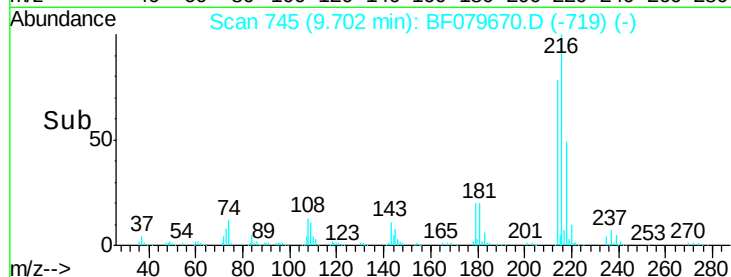
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	216	100	234203		
214	214	78.1	62.8	94.2	
179	179	21.0	16.6	24.8	
108	108	18.9	14.2	21.4	

Manual Integrations
 APPROVED

apatel
 6/5/2015 8:06:15 AM

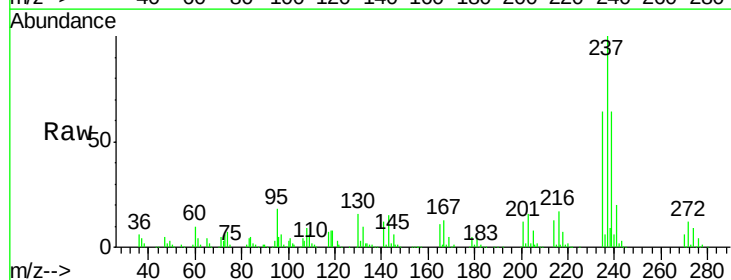


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

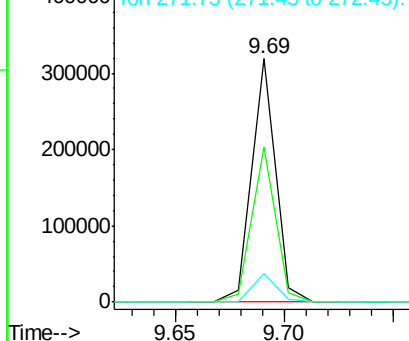
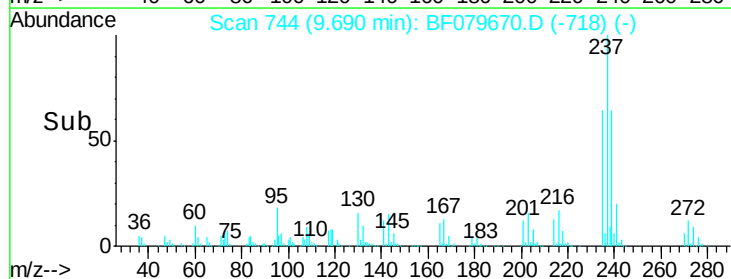


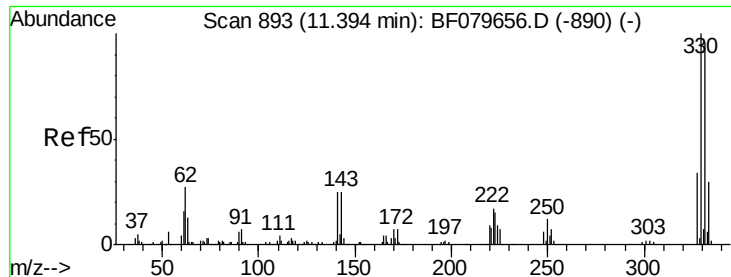
#40
 Hexachlorocyclopentadiene
 Concen: 80.80 ng
 RT: 9.69 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	237	100	243335		
235	235	63.7	41.7	81.7	
272	272	11.6	0.0	31.1	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





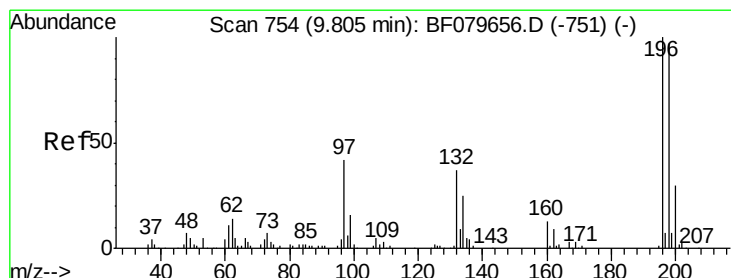
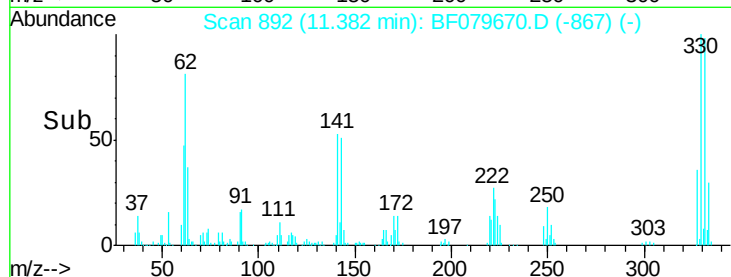
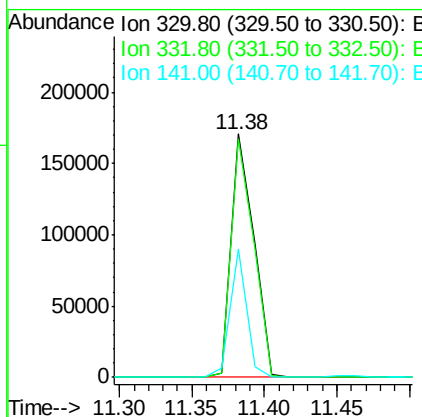
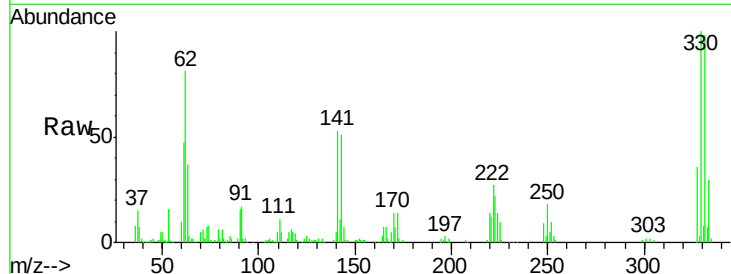
#41
 2,4,6-Tribromophenol
 Concen: 114.13 ng
 RT: 11.38 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	185391		
332	97.1		77.3	115.9
141	39.2		27.4	41.2

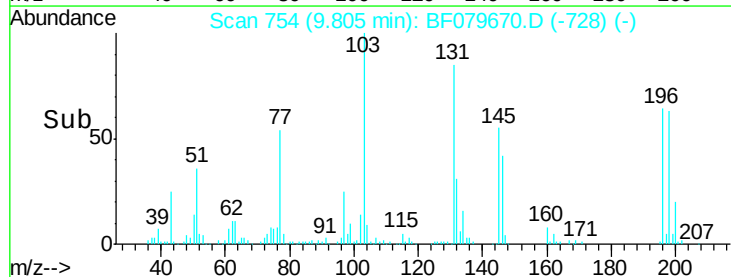
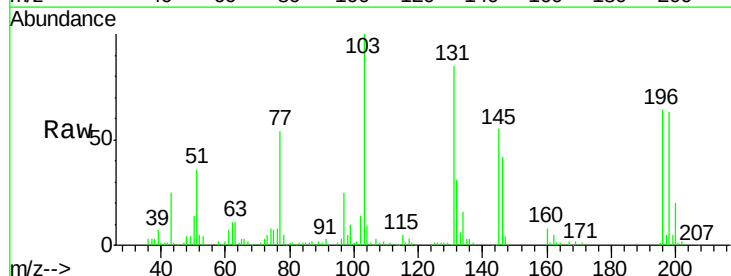
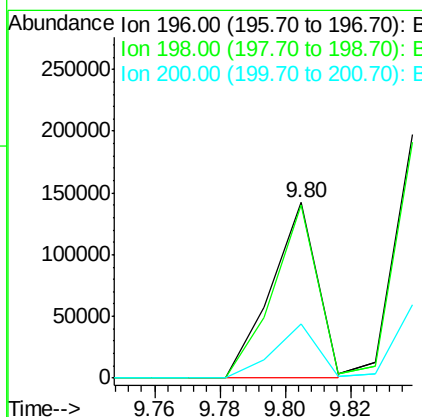
Manual Integrations
 APPROVED

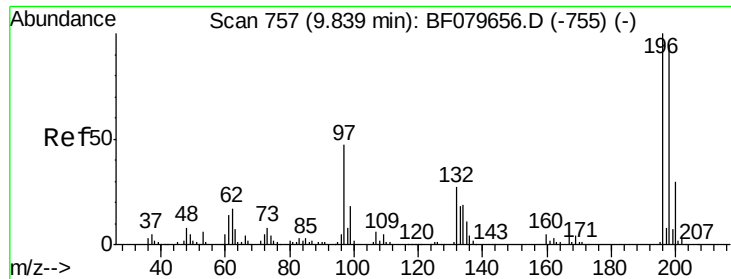
apatel
 6/5/2015 8:06:15 AM



#42
 2,4,6-Trichlorophenol
 Concen: 40.51 ng
 RT: 9.80 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	139154		
198	98.6		77.3	115.9
200	31.0		24.0	36.0





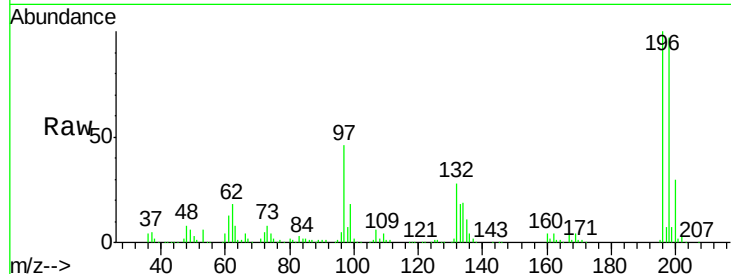
#43
 2,4,5-Trichlorophenol
 Concen: 42.99 ng
 RT: 9.84 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MS

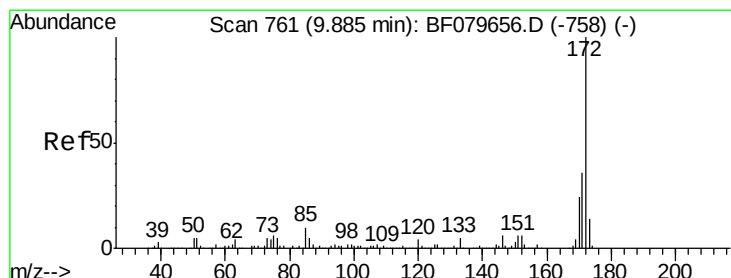
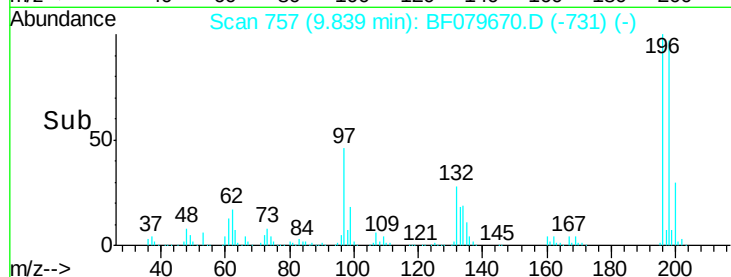
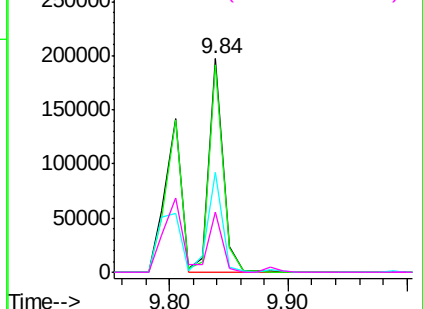
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		163598		
198	96.8	75.3	112.9		
97	46.5	37.6	56.4		
132	28.4	21.5	32.3		

Manual Integrations
 APPROVED

apatel
 6/5/2015 8:06:15 AM

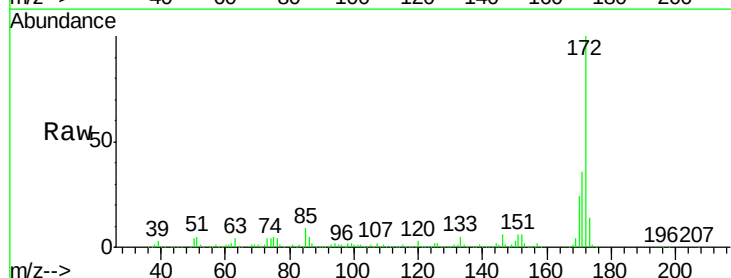


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

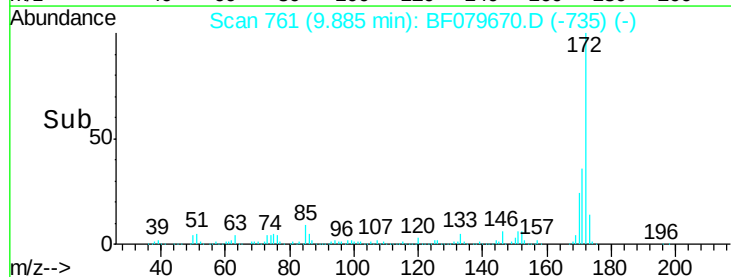
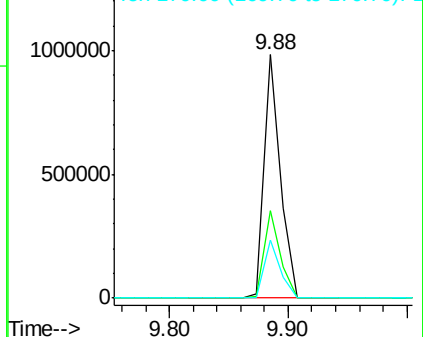


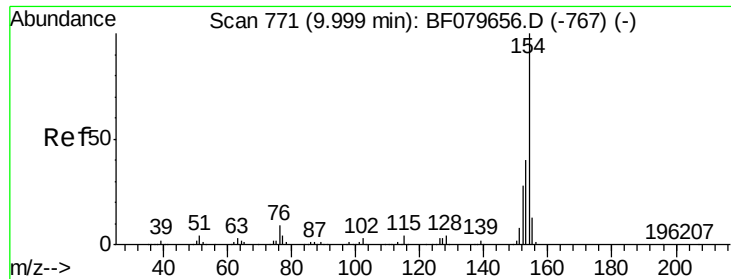
#44
 2-Fluorobiphenyl
 Concen: 70.92 ng
 RT: 9.88 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		936151		
171	36.0	28.8	43.2		
170	24.1	19.2	28.8		



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





#45

1,1'-Biphenyl

Concen: 38.43 ng

RT: 10.00 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Instrument :

BNA_F

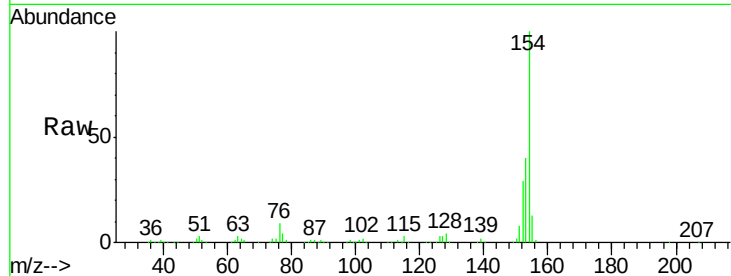
ClientSampleId :

WC-052915MS

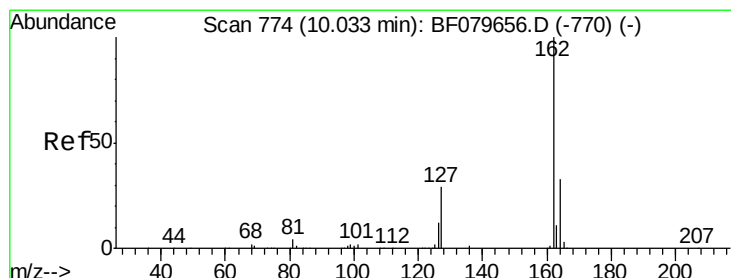
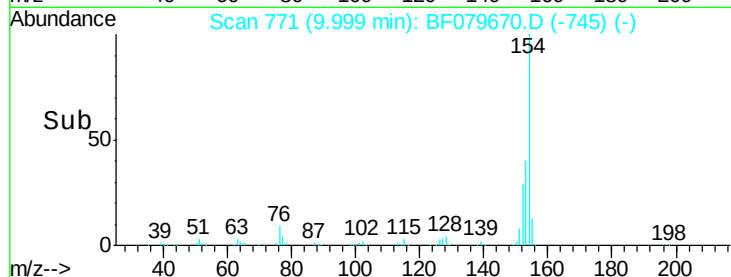
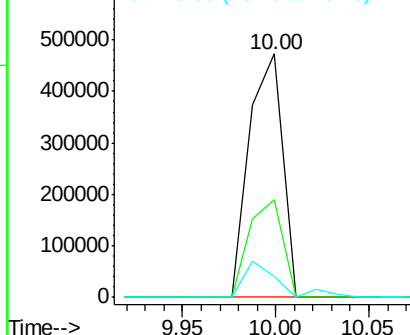
Tot Ion:	154	Resp:	583317
Ion Ratio	Lower	Upper	
154	100		
153	40.4	19.6	59.6
76	8.6	0.0	29.5

Manual Integrations
APPROVED

apatel
6/5/2015 8:06:15 AM



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



#46

2-Chloronaphthalene

Concen: 37.64 ng

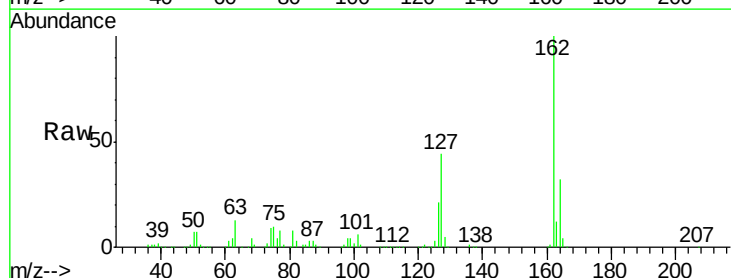
RT: 10.02 min Scan# 773

Delta R.T. -0.01 min

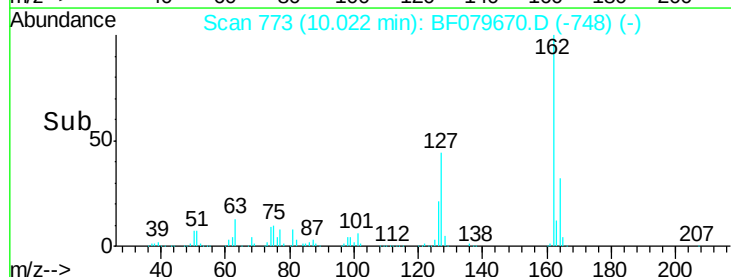
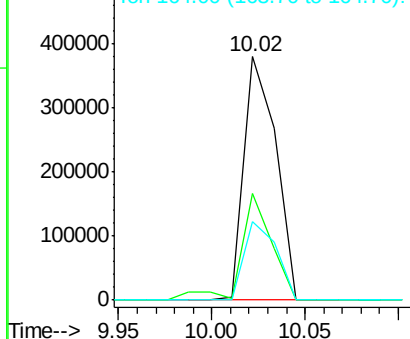
Lab File: BF079670.D

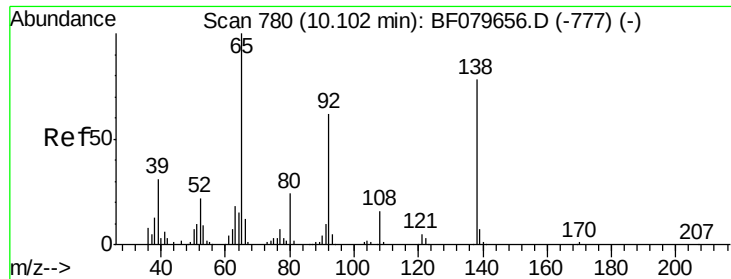
Acq: 3 Jun 2015 19:11

Tgt Ion:	162	Resp:	447530
Ion Ratio	Lower	Upper	
162	100		
127	43.6	25.6	38.4#
164	32.5	26.3	39.5



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





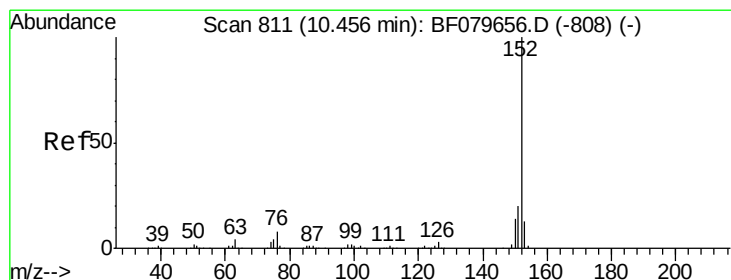
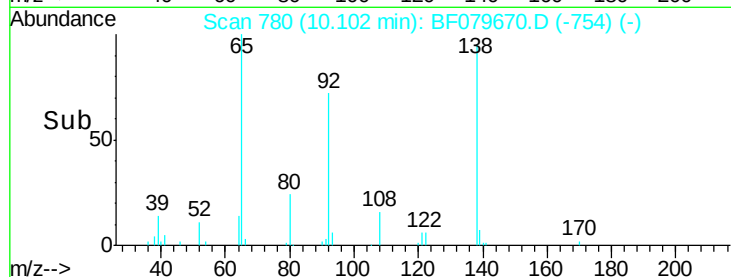
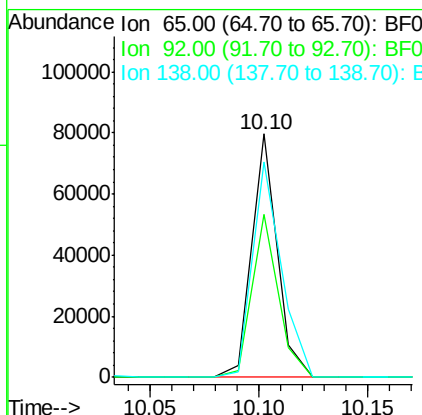
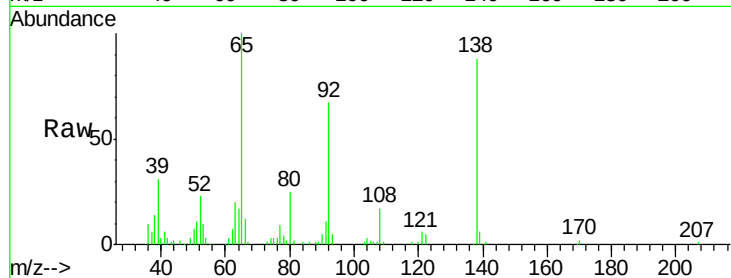
#47
2-Nitroaniline
Concen: 26.29 ng
RT: 10.10 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.0	49.7	74.5
138	88.3	62.6	94.0

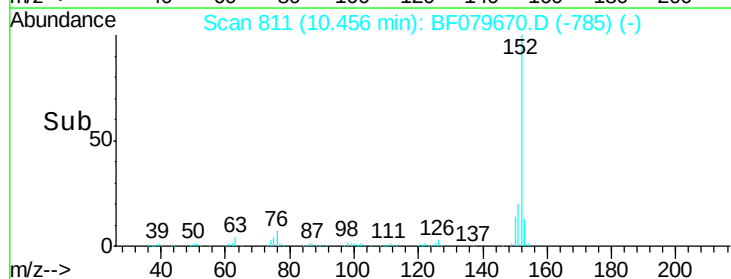
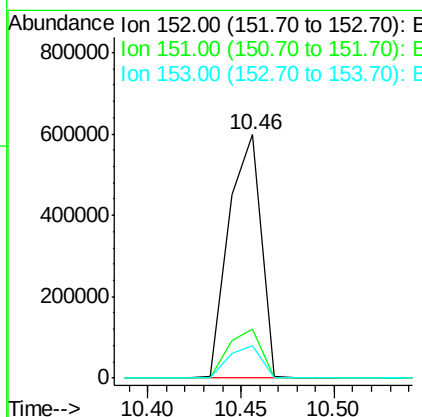
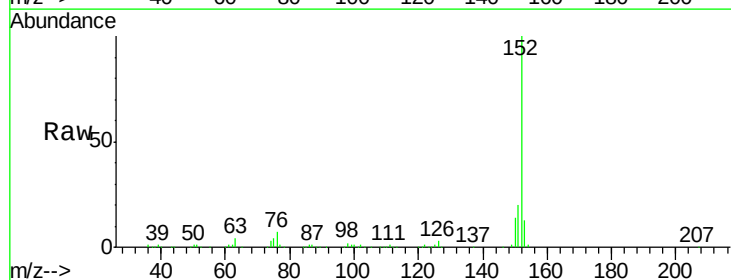
Manual Integrations
APPROVED

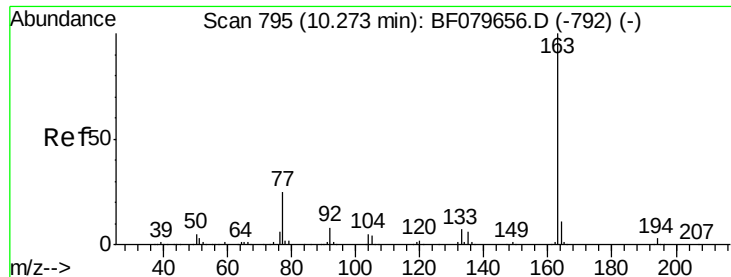
apatel
6/5/2015 8:06:15 AM



#48
Acenaphthylene
Concen: 36.83 ng
RT: 10.46 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	13.1	10.4	15.6





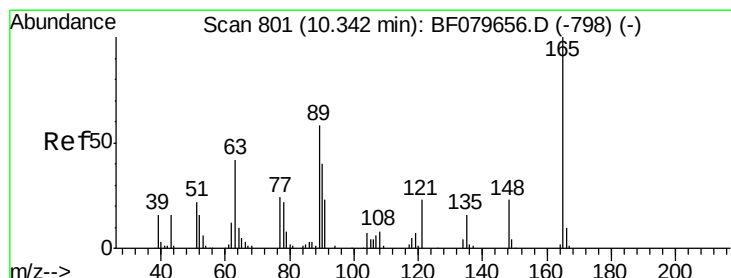
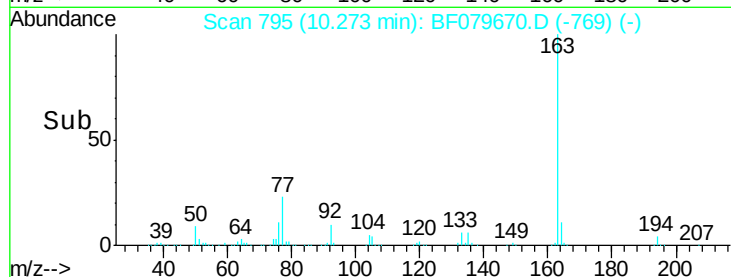
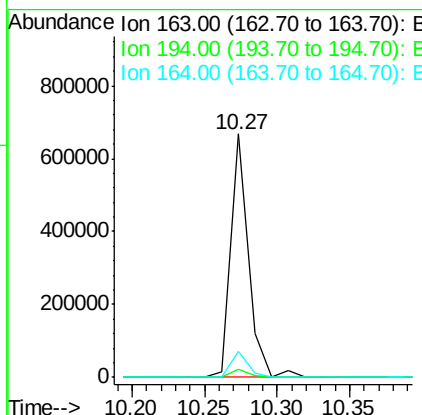
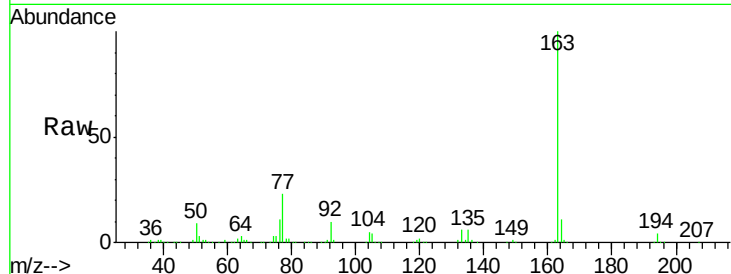
#49
Dimethylphthalate
Concen: 39.15 ng
RT: 10.27 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	564617		
194	3.5		2.6	3.8
164	10.7		8.6	12.8

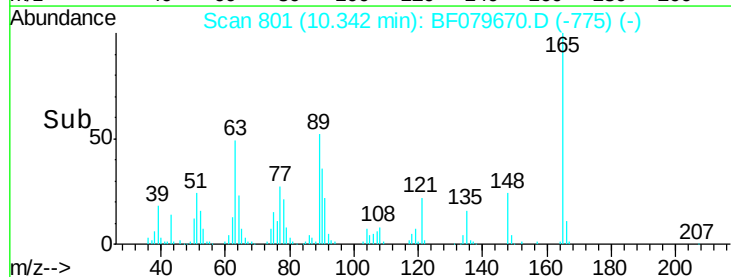
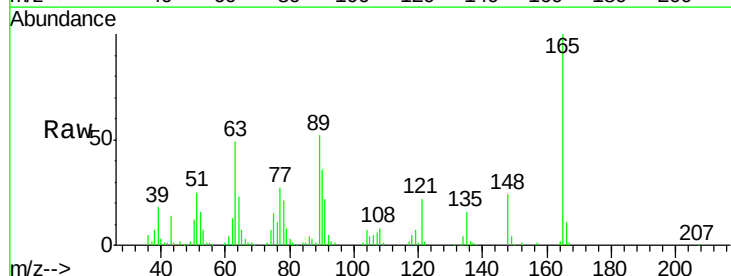
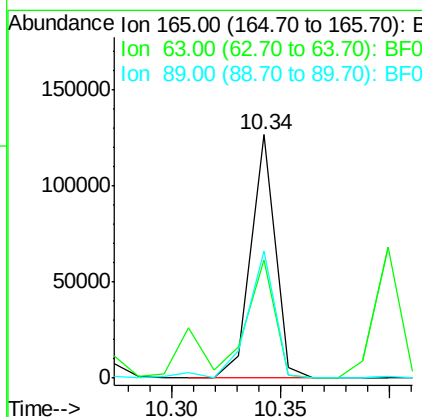
Manual Integrations
APPROVED

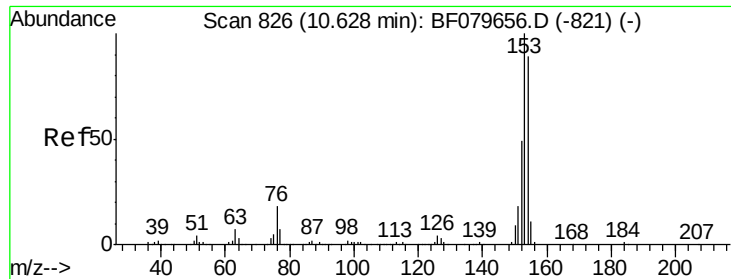
apatel
6/5/2015 8:06:15 AM



#50
2,6-Dinitrotoluene
Concen: 42.97 ng
RT: 10.34 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	98445		
63	48.6		45.9	68.9
89	52.1		46.8	70.2





#51

Acenaphthene

Concen: 38.74 ng

RT: 10.63 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Instrument :

BNA_F

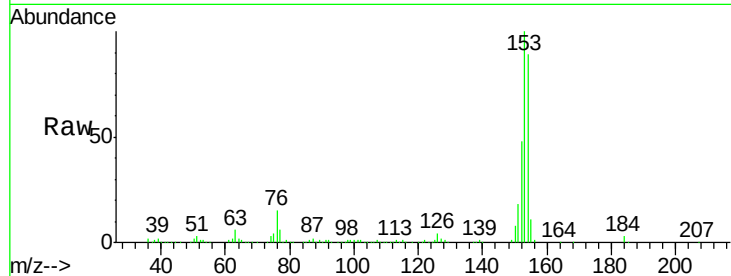
ClientSampleId :

WC-052915MS

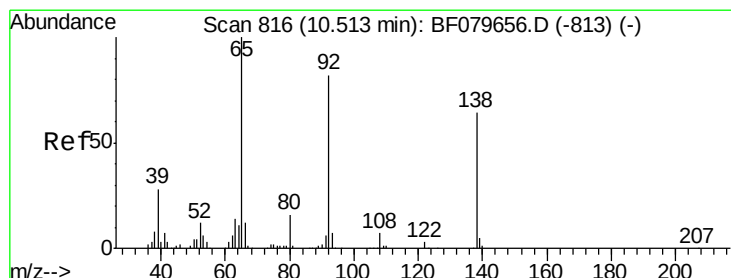
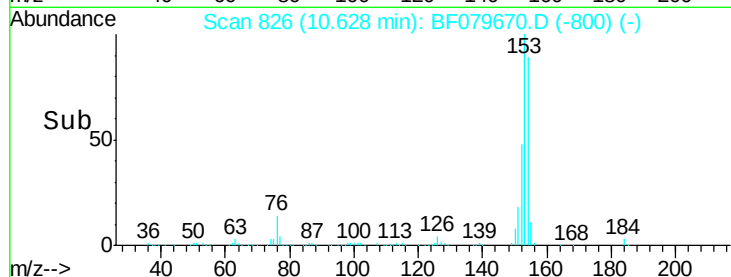
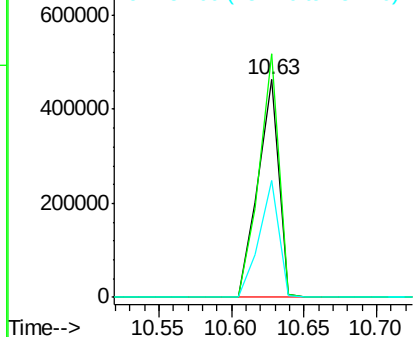
Tot Ion:	154	Resp:	462784
Ion Ratio	Lower	Upper	
154	100		
153	111.8	89.8	134.6
152	53.7	43.8	65.8

Manual Integrations
APPROVED

apatel
6/5/2015 8:06:15 AM



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: 2.07 ng

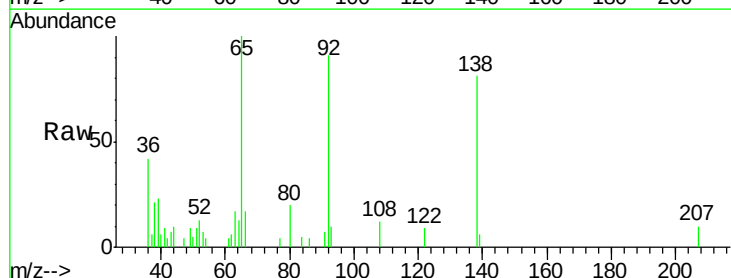
RT: 10.51 min Scan# 816

Delta R.T. -0.00 min

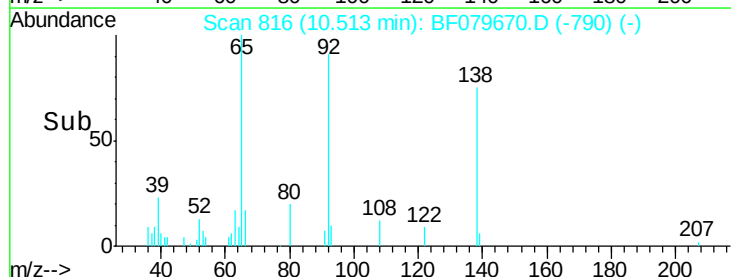
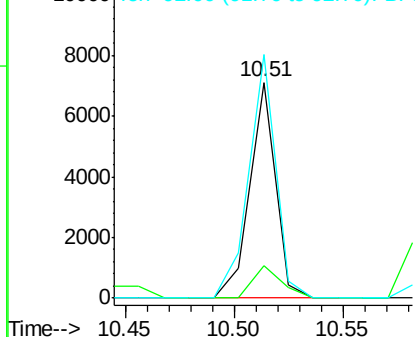
Lab File: BF079670.D

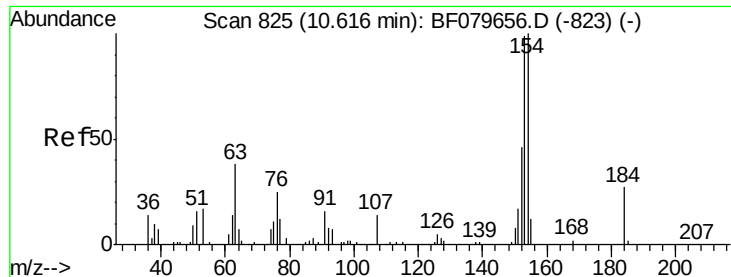
Acq: 3 Jun 2015 19:11

Tgt Ion:	138	Resp:	5851
Ion Ratio	Lower	Upper	
138	100		
108	15.2	9.1	13.7#
92	112.7	101.4	152.2



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





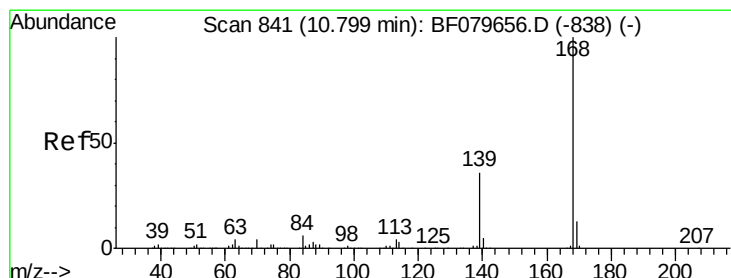
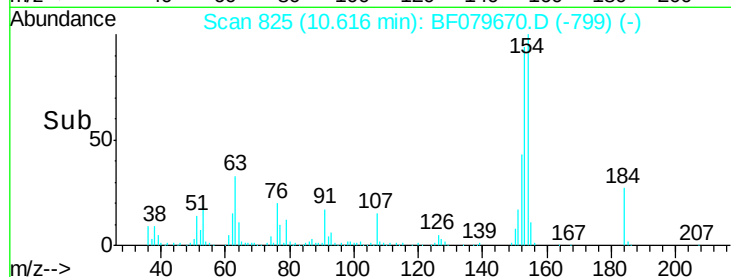
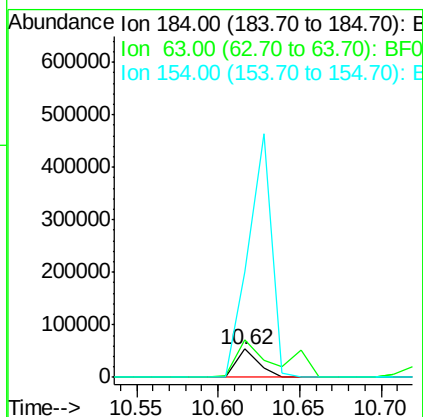
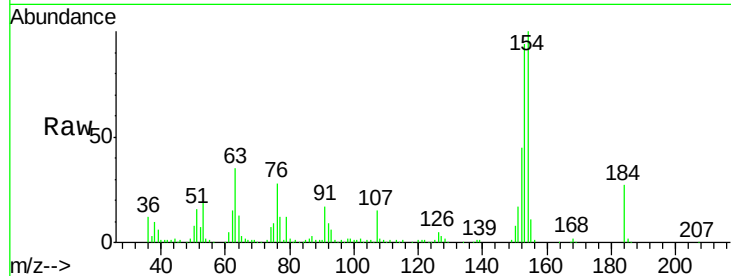
#53
 2,4-Dinitrophenol
 Concen: 77.83 ng
 RT: 10.62 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
63	131.2	114.0	171.0		
154	372.0	297.0	445.4		

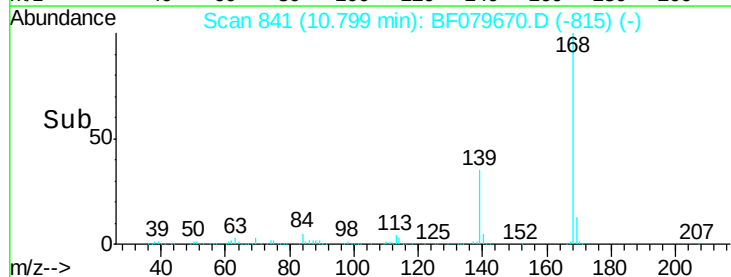
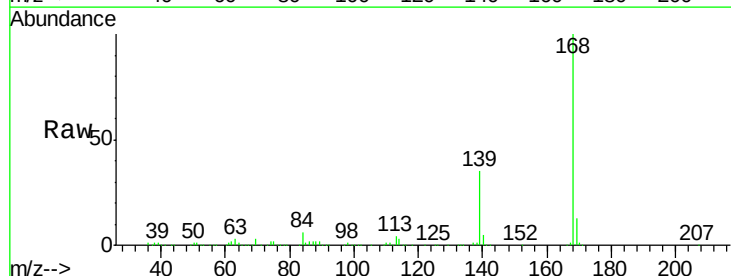
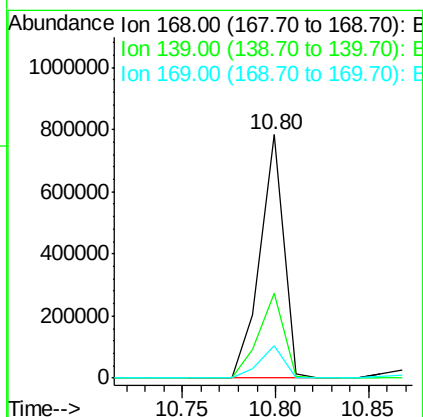
Manual Integrations
 APPROVED

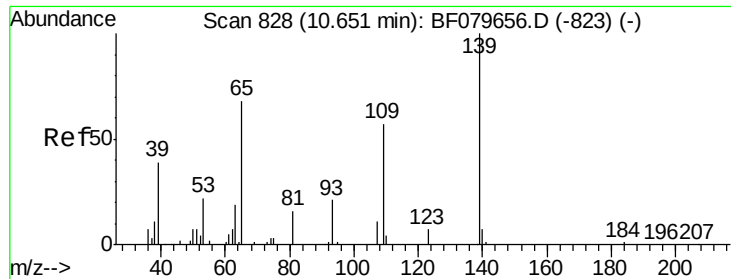
apatel
 6/5/2015 8:06:15 AM



#54
 Dibenzofuran
 Concen: 39.77 ng
 RT: 10.80 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
168	100				
139	35.0	29.1	43.7		
169	13.2	10.7	16.1		





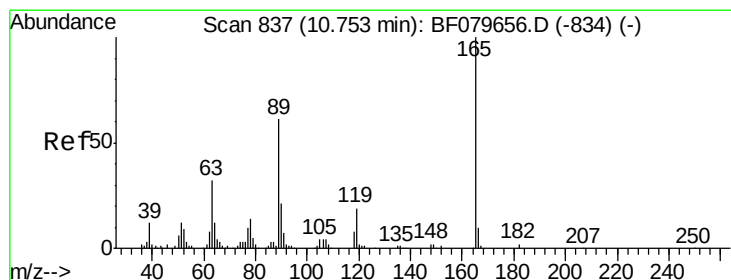
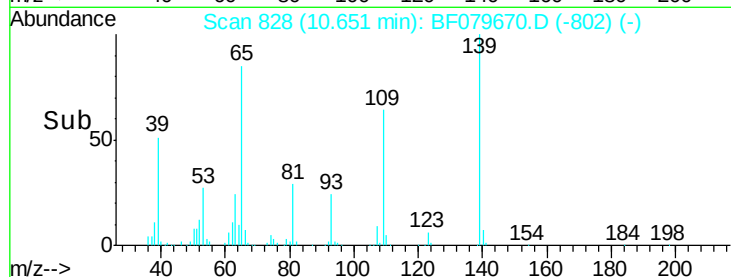
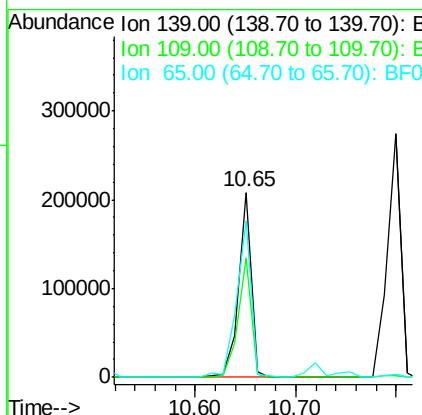
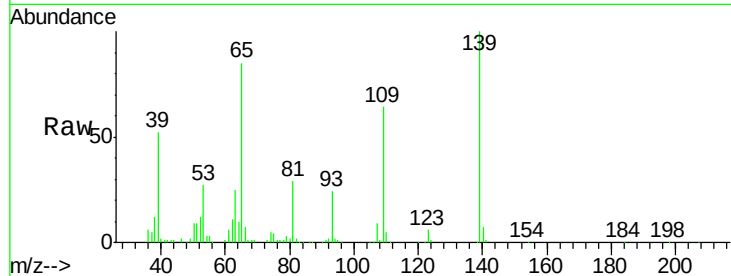
#55
4-Nitrophenol
Concen: 80.62 ng
RT: 10.65 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	183761		
109	64.5	37.1	77.1	
65	84.9	49.2	89.2	

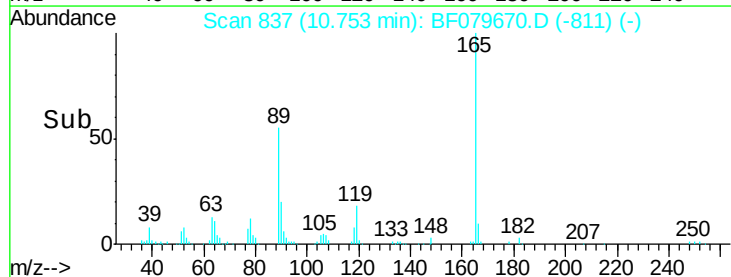
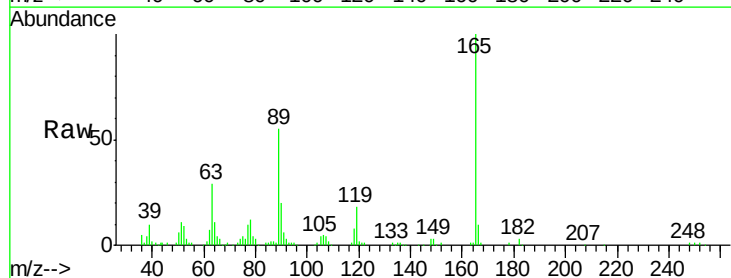
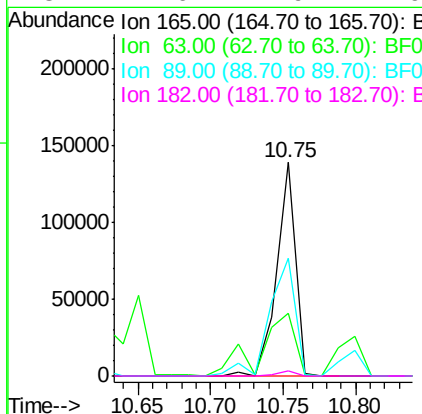
Manual Integrations
APPROVED

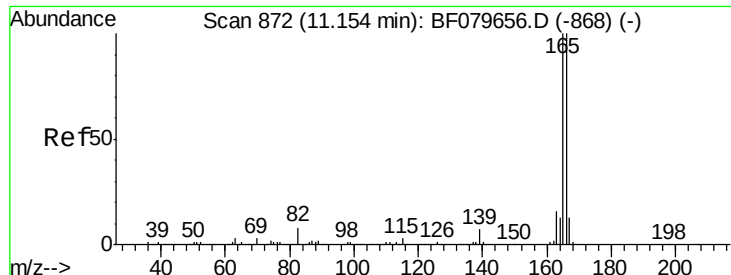
apatel
6/5/2015 8:06:15 AM



#56
2,4-Dinitrotoluene
Concen: 44.24 ng
RT: 10.75 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	124993		
63	29.4	25.5	38.3	
89	55.2	48.5	72.7	
182	2.6	1.9	2.9	





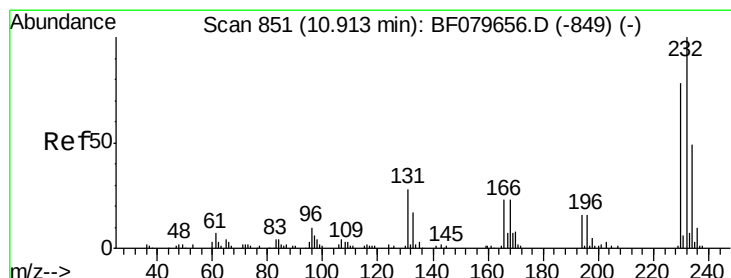
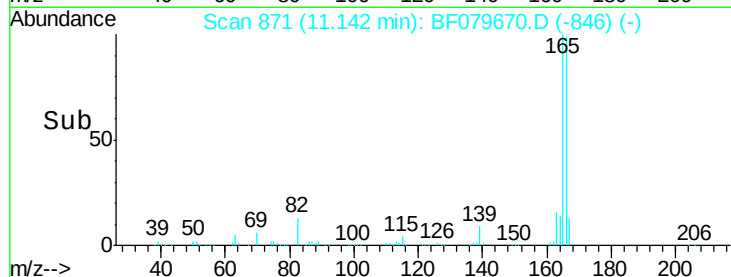
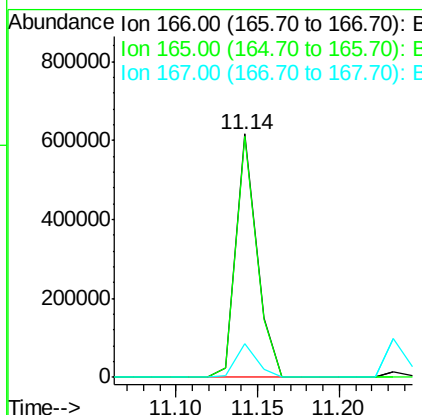
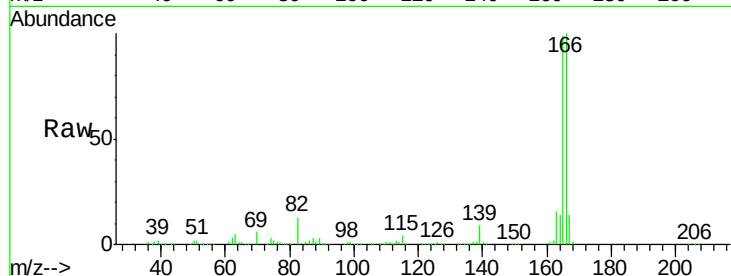
#57
Fluorene
Concen: 38.40 ng
RT: 11.14 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.1	79.8	119.6	
167	13.7	10.6	15.8	

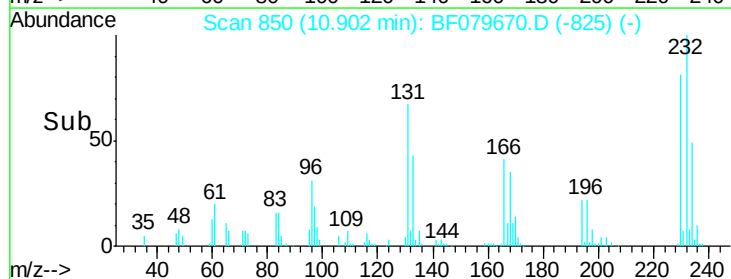
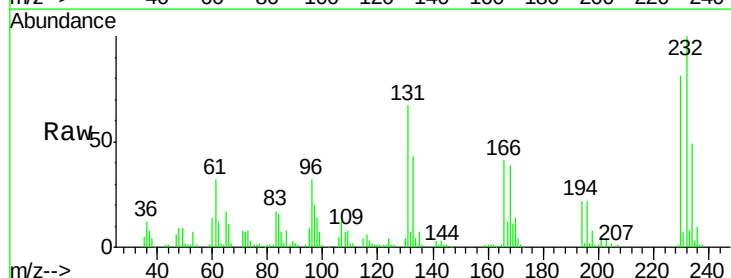
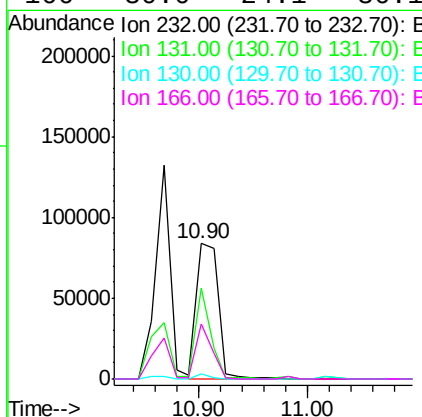
Manual Integrations
APPROVED

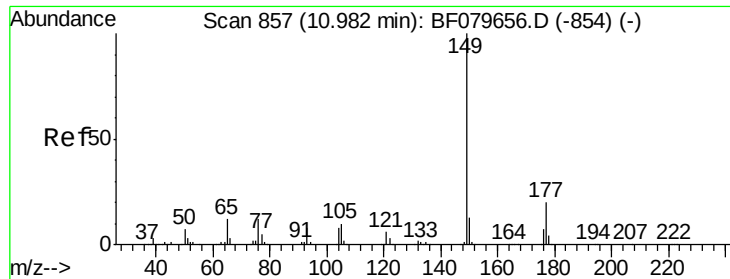
apatel
6/5/2015 8:06:15 AM



#58
2,3,4,6-Tetrachlorophenol
Concen: 44.85 ng
RT: 10.90 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	45.0	36.6	54.8	
130	2.2	1.6	2.4	
166	30.0	24.1	36.1	





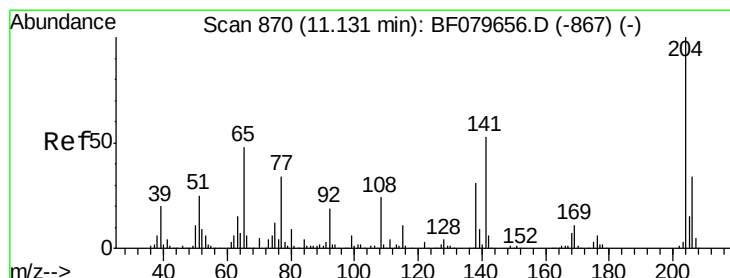
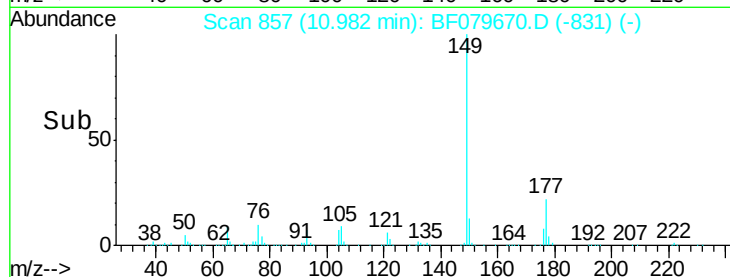
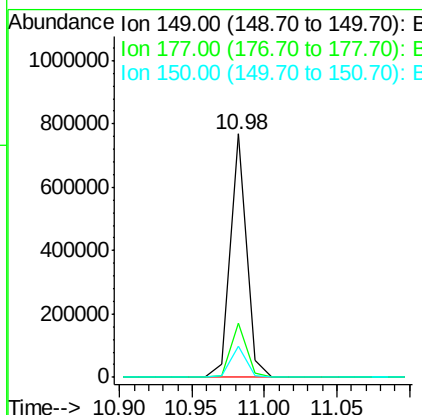
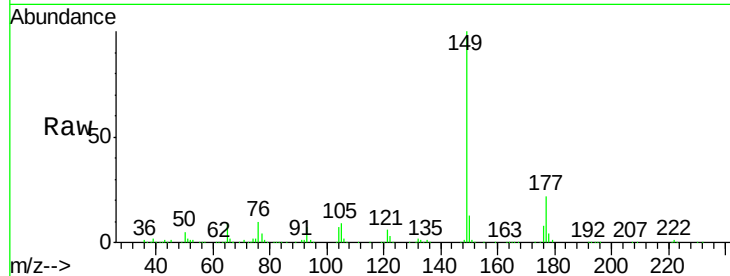
#59
Diethylphthalate
Concen: 42.89 ng
RT: 10.98 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	22.2	16.1	24.1	
150	12.9	10.2	15.2	

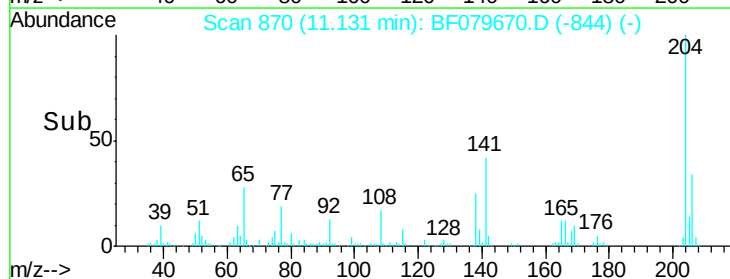
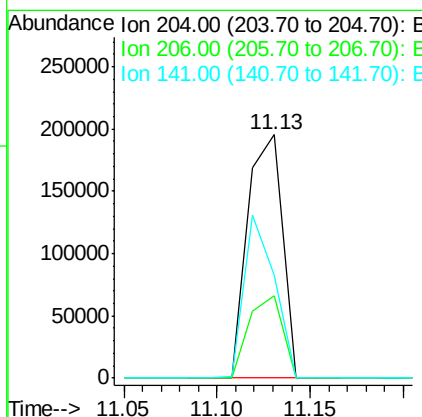
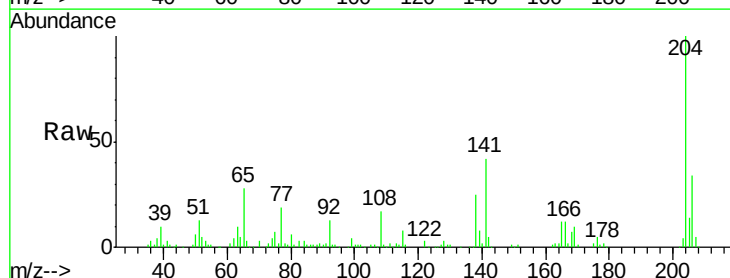
Manual Integrations
APPROVED

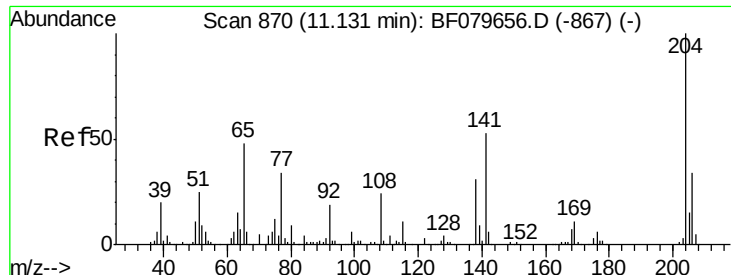
apatel
6/5/2015 8:06:15 AM



#60
4-Chlorophenyl-phenylether
Concen: 39.28 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	34.1	27.5	41.3	
141	42.2	42.8	64.2	





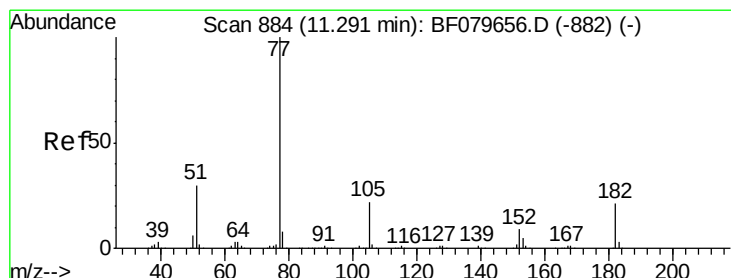
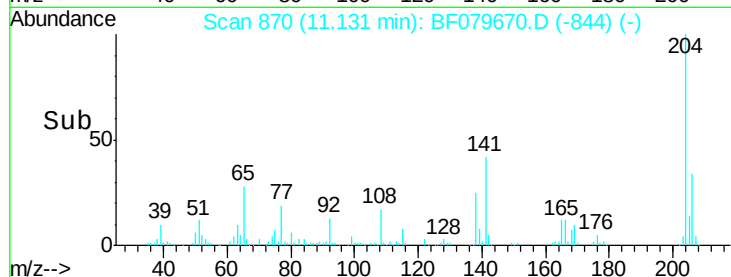
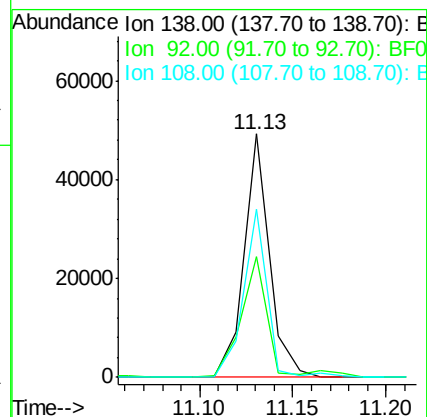
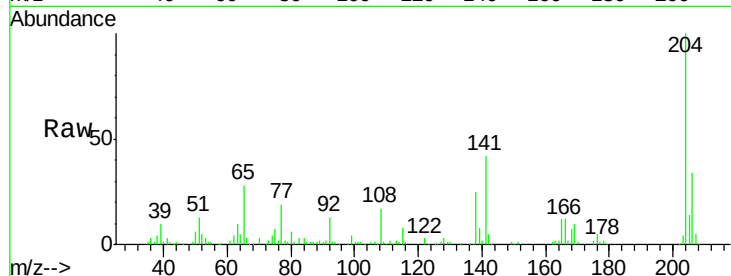
#61
4-Nitroaniline
Concen: 16.74 ng
RT: 11.13 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.7	40.7	80.7
108	69.1	56.0	96.0

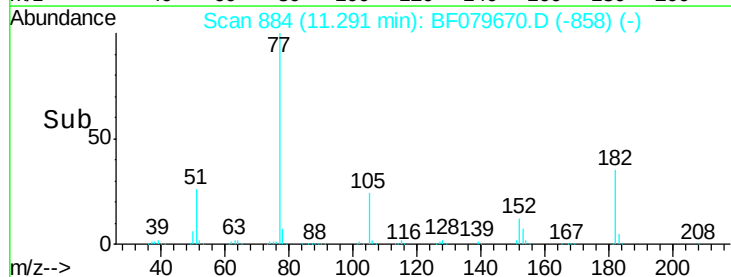
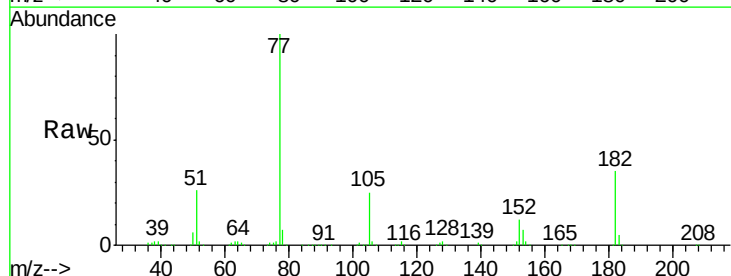
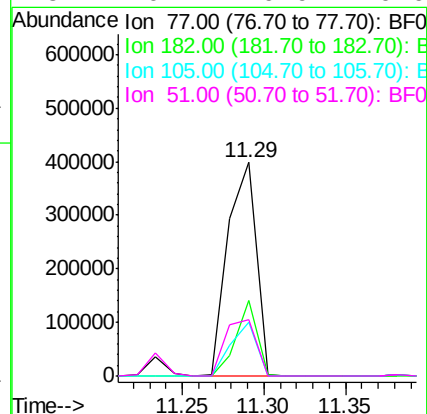
Manual Integrations
APPROVED

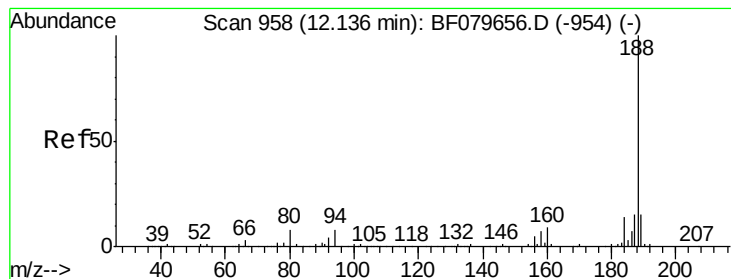
apatel
6/5/2015 8:06:15 AM



#62
Azobenzene
Concen: 36.93 ng
RT: 11.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	35.4	1.3	41.3
105	25.1	2.3	42.3
51	26.2	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.10 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Instrument :

BNA_F

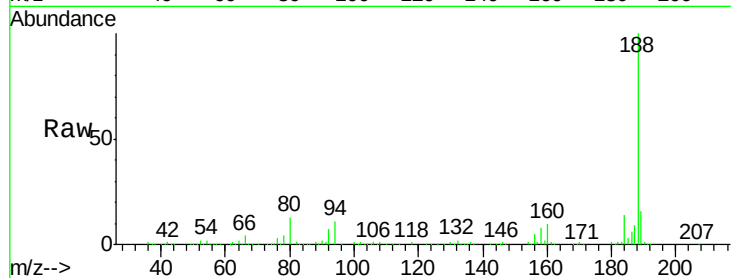
ClientSampleID :

WC-052915MS

Tot Ion:	188	Resp:	386818
Ion Ratio	Lower	Upper	
188	100		
94	11.1	6.1	9.1#
80	13.0	6.2	9.2#

Manual Integrations
APPROVED

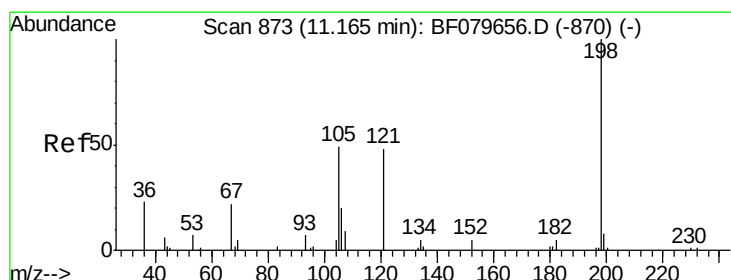
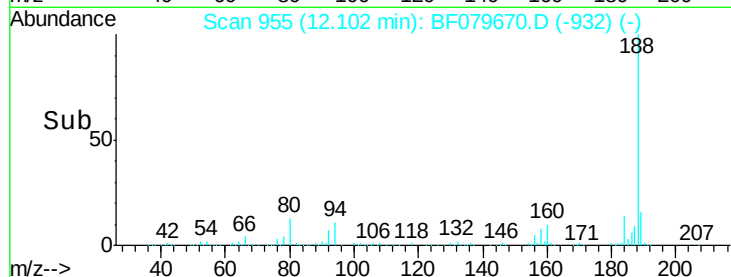
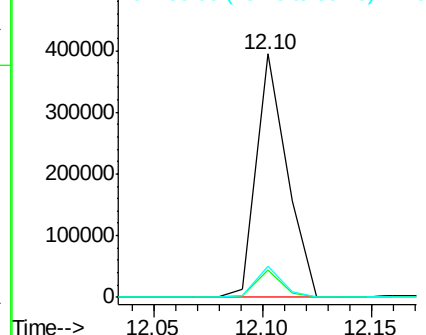
apatel
6/5/2015 8:06:15 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 36.78 ng

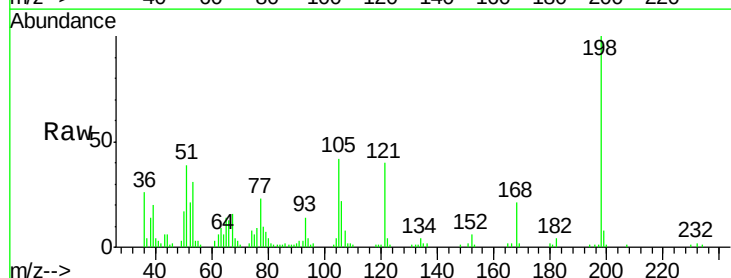
RT: 11.16 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

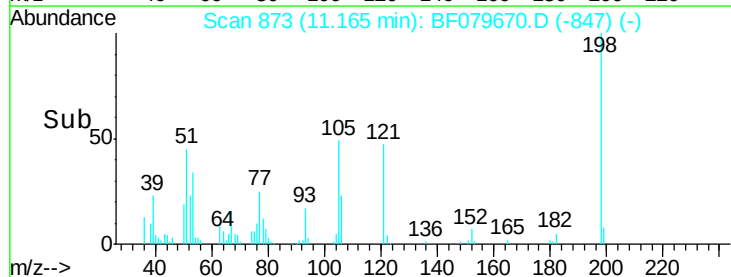
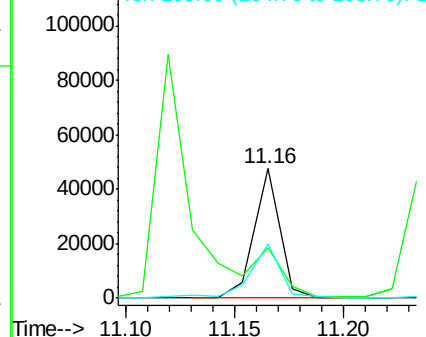
Tgt Ion:	198	Resp:	38805
Ion Ratio	Lower	Upper	
198	100		
51	39.3	46.1	86.1#
105	41.6	34.6	74.6

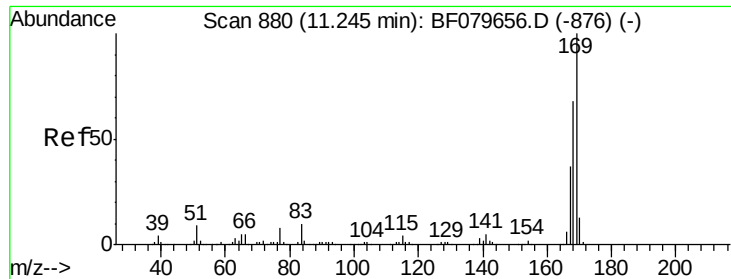


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 19.30 ng

RT: 11.23 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Instrument :

BNA_F

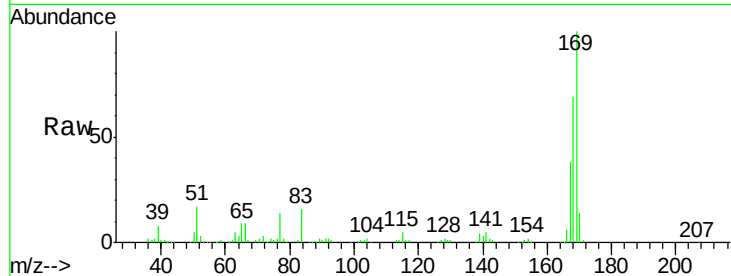
ClientSampleId :

WC-052915MS

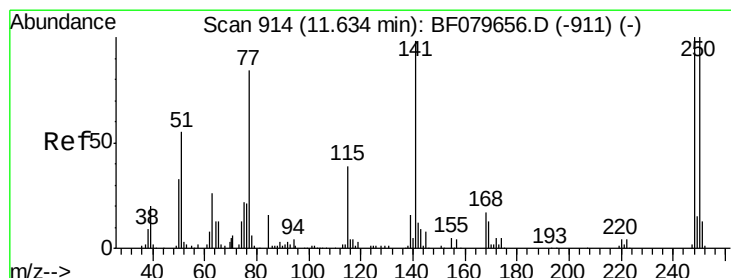
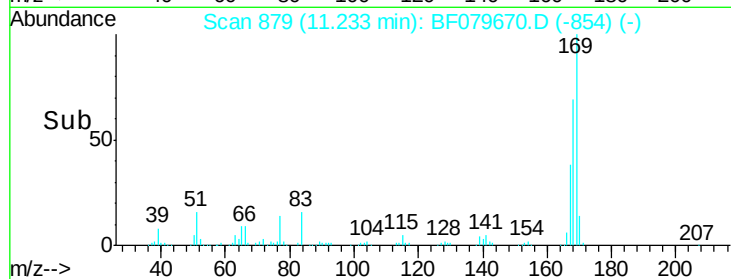
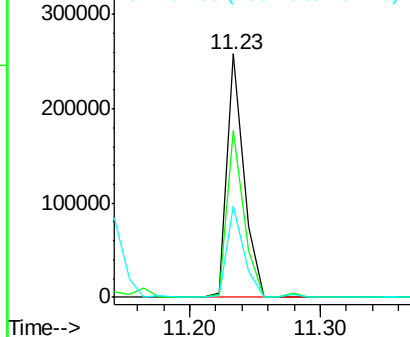
Tot Ion:	169	Resp:	234408
Ion Ratio	Lower	Upper	
169	100		
168	68.7	54.3	81.5
167	37.7	29.4	44.0

Manual Integrations
APPROVED

apatel
6/5/2015 8:06:15 AM



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: 41.56 ng

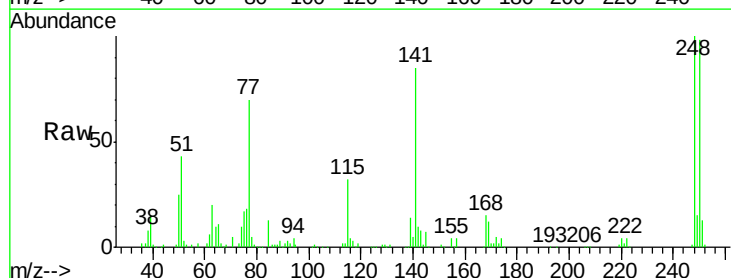
RT: 11.62 min Scan# 913

Delta R.T. -0.01 min

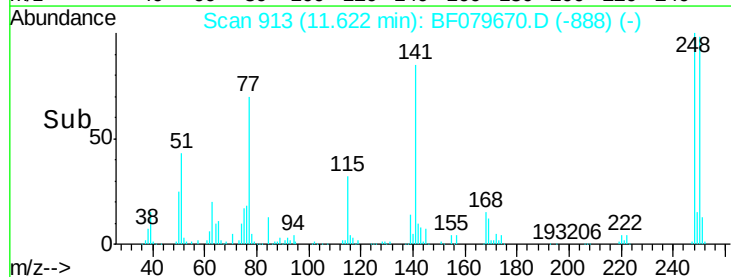
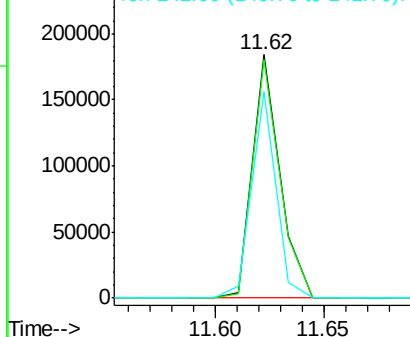
Lab File: BF079670.D

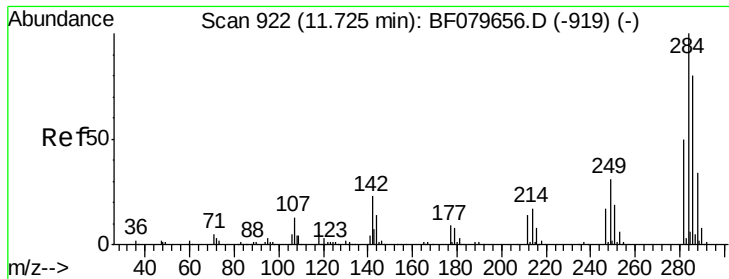
Acq: 3 Jun 2015 19:11

Tgt Ion:	248	Resp:	161319
Ion Ratio	Lower	Upper	
248	100		
250	98.0	80.0	120.0
141	84.6	78.8	118.2



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: 38.53 ng

RT: 11.71 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Instrument :

BNA_F

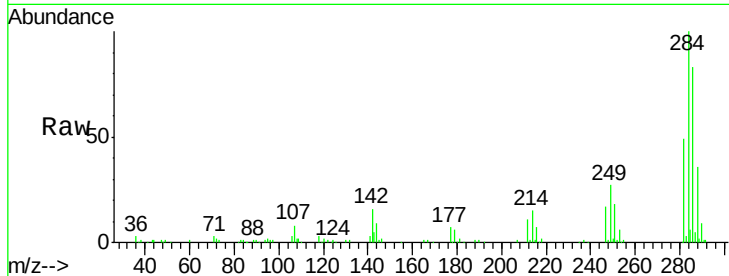
ClientSampleId :

WC-052915MS

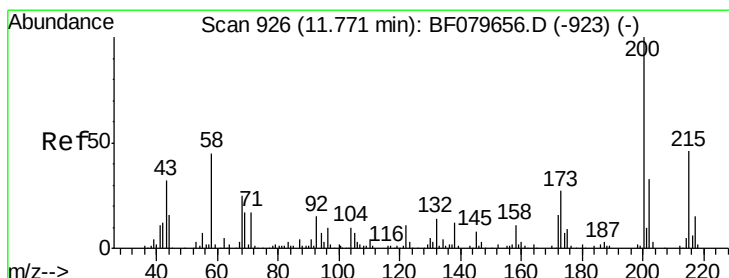
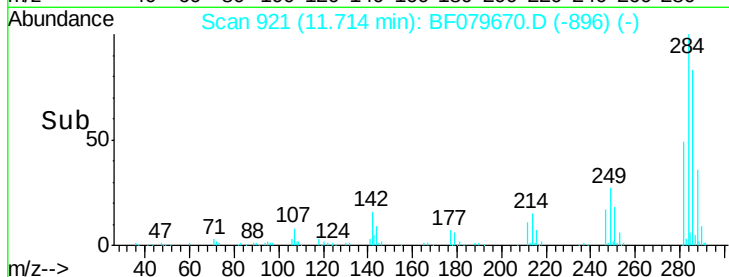
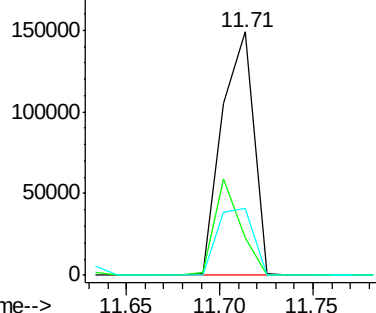
Tot Ion:	284	Resp:	175715
Ion Ratio		Lower	Upper
284	100		
142	15.5	18.6	28.0#
249	27.3	24.5	36.7

Manual Integrations
APPROVED

apatel
6/5/2015 8:06:15 AM



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: 8.58 ng

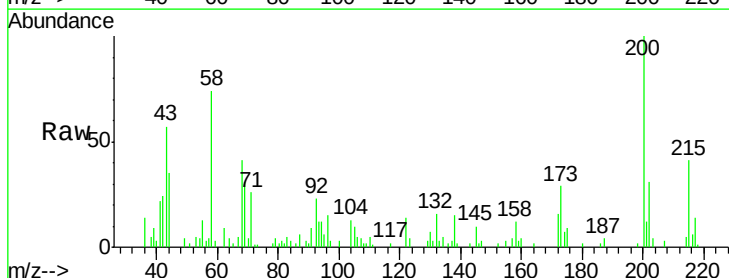
RT: 11.75 min Scan# 924

Delta R.T. -0.02 min

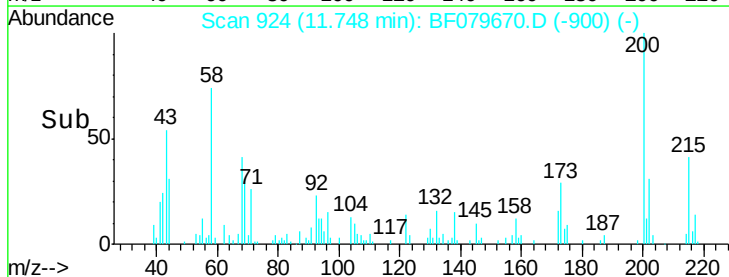
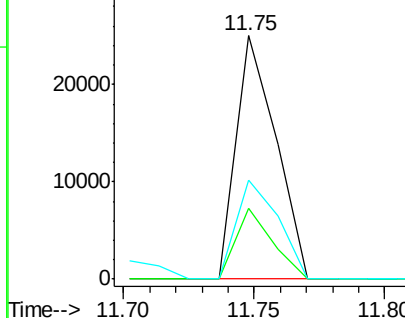
Lab File: BF079670.D

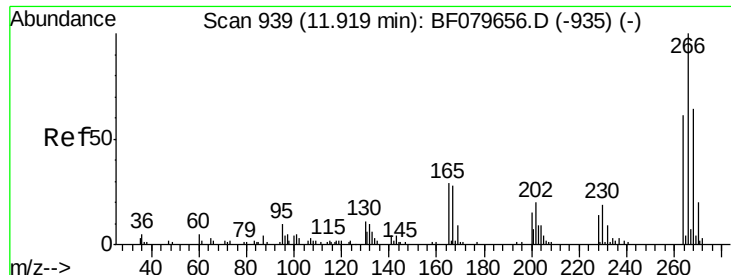
Acq: 3 Jun 2015 19:11

Tgt Ion:	200	Resp:	26679
Ion Ratio		Lower	Upper
200	100		
173	29.0	6.7	46.7
215	40.9	26.1	66.1



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





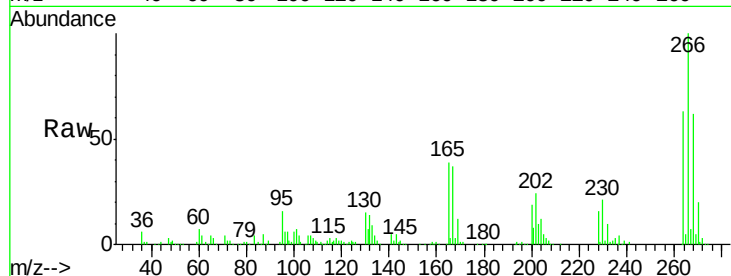
#69
 Pentachlorophenol
 Concen: 106.74 ng
 RT: 11.90 min Scan# 937
 Delta R.T. -0.02 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MS

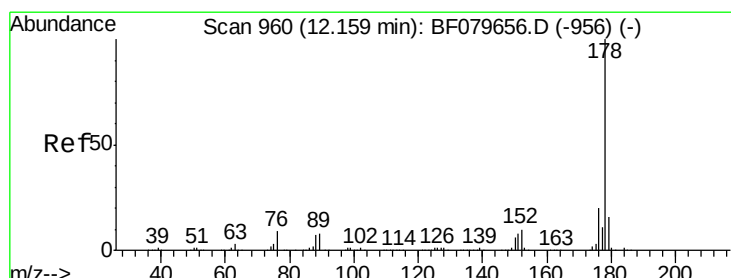
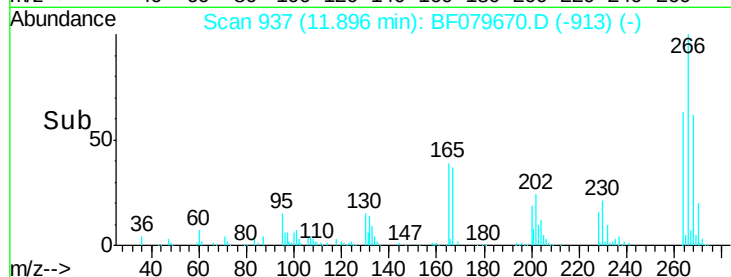
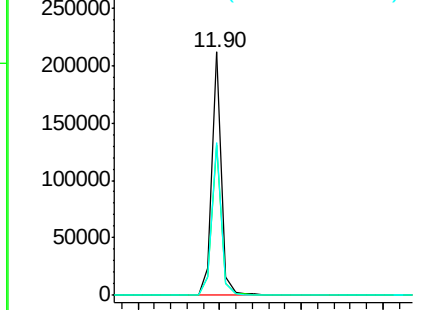
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.0	76.4
264	62.9	48.6	72.8

Manual Integrations
 APPROVED

apatel
 6/5/2015 8:06:15 AM

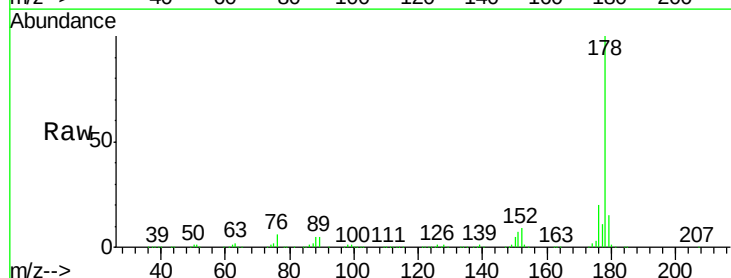


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

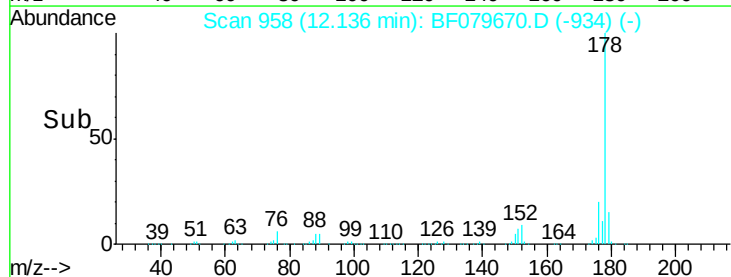
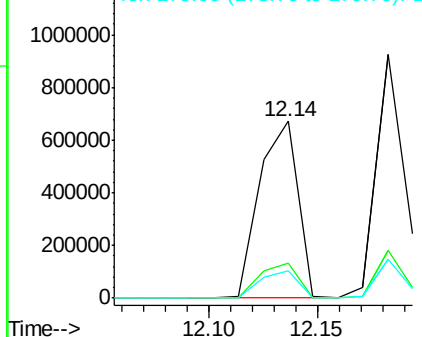


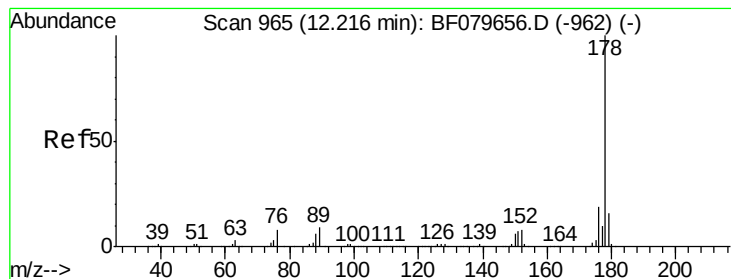
#70
 Phenanthrene
 Concen: 38.89 ng
 RT: 12.14 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.4	12.7	19.1



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





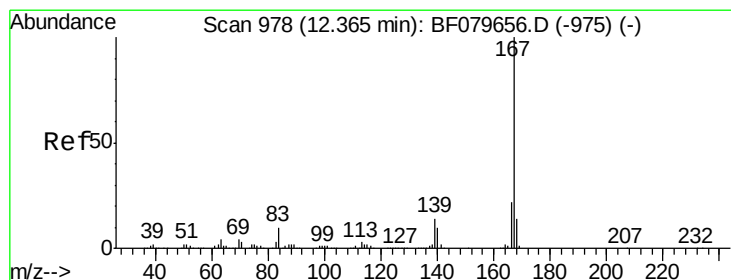
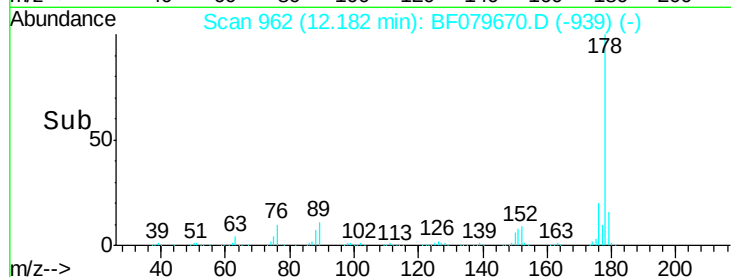
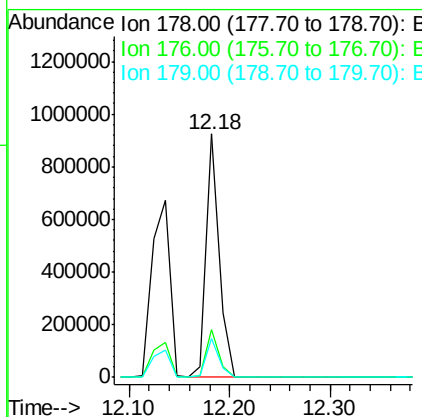
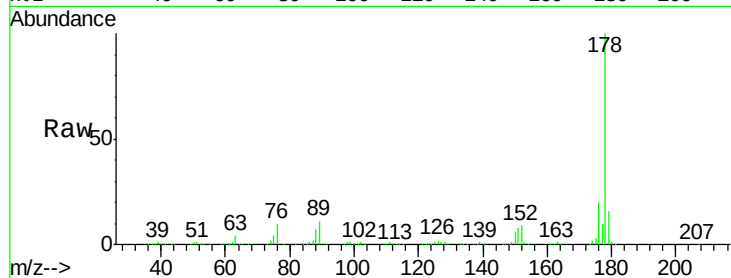
#71
 Anthracene
 Concen: 38.84 ng
 RT: 12.18 min Scan# 962
 Delta R.T. -0.03 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	16.2	12.6	19.0

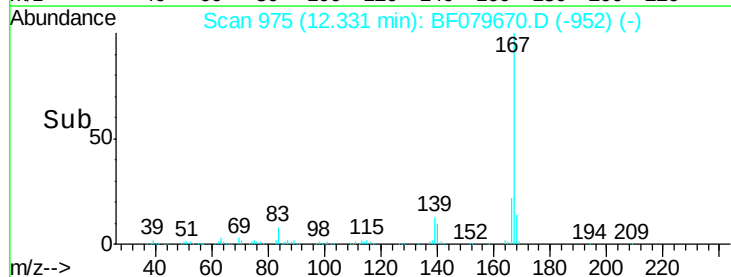
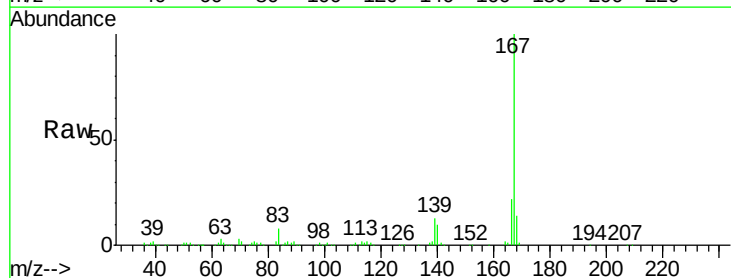
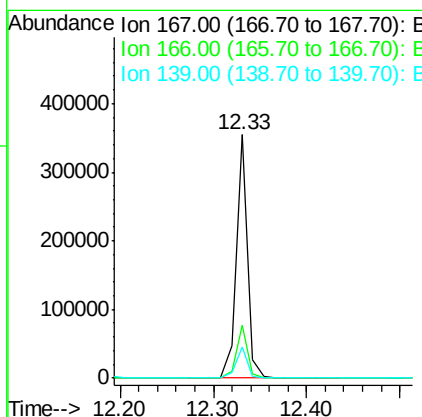
Manual Integrations
 APPROVED

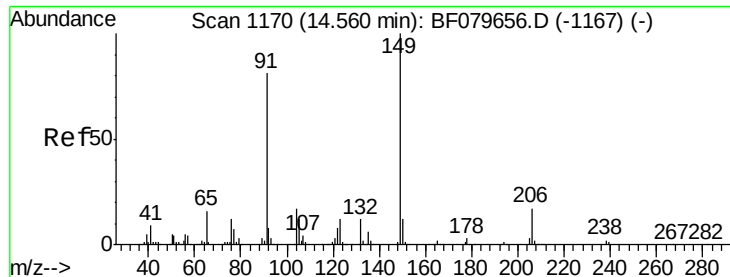
apatel
 6/5/2015 8:06:15 AM



#72
 Carbazole
 Concen: 15.16 ng
 RT: 12.33 min Scan# 975
 Delta R.T. -0.03 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.2
139	13.0	11.3	16.9





#73

Di-n-butylphthalate

Concen: 41.80 ng

RT: 12.66 min Scan# 1004

Delta R.T. -0.06 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Instrument :

BNA_F

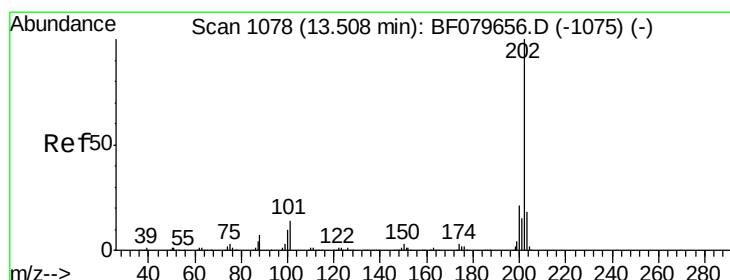
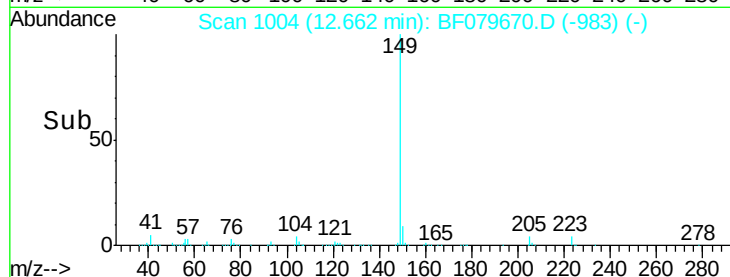
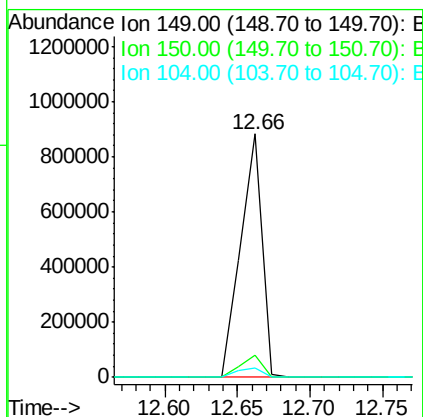
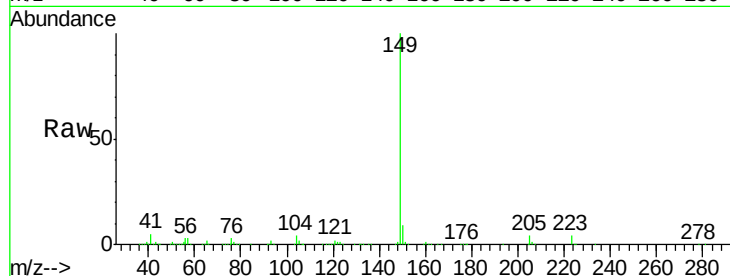
ClientSampleId :

WC-052915MS

Tot Ion:	149	Resp:	905110
Ion Ratio	Lower	Upper	
149	100		
150	9.1	9.5	14.3#
104	3.8	13.8	20.6#

Manual Integrations
APPROVED

apatel
6/5/2015 8:06:15 AM



#74

Fluoranthene

Concen: 39.48 ng

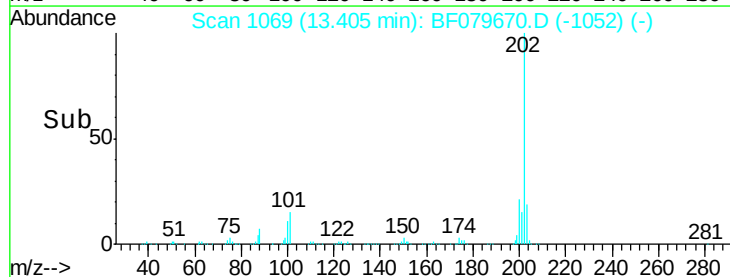
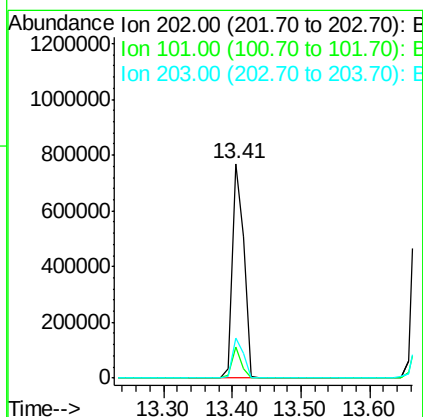
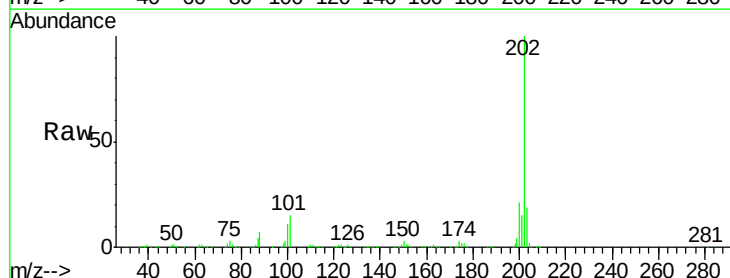
RT: 13.41 min Scan# 1069

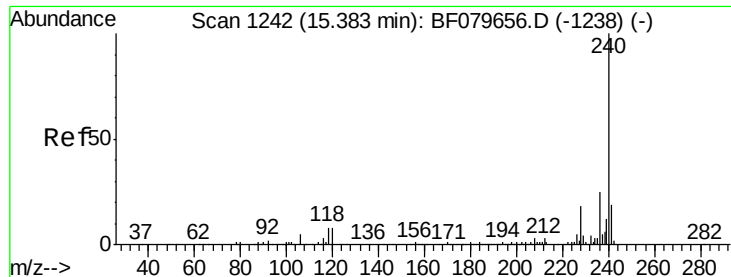
Delta R.T. -0.10 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Tgt Ion:	202	Resp:	910376
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	34.0
203	18.5	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.12 min Scan# 1219

Delta R.T. -0.26 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Instrument :

BNA_F

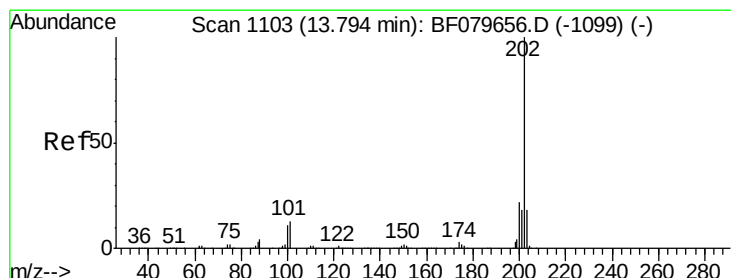
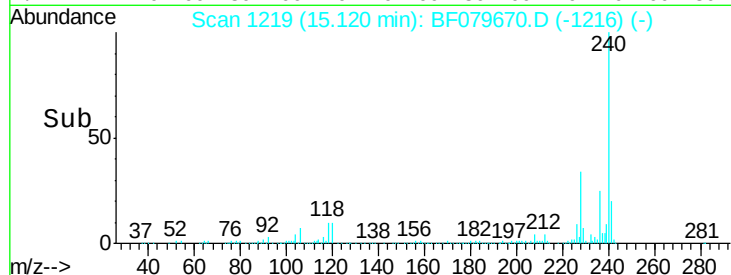
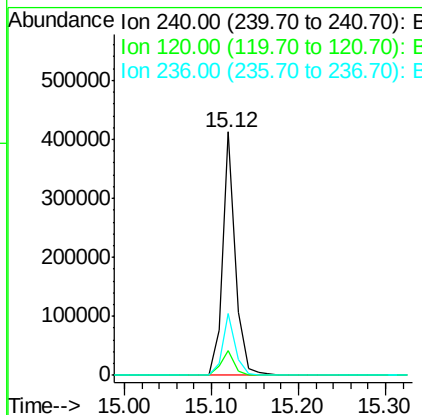
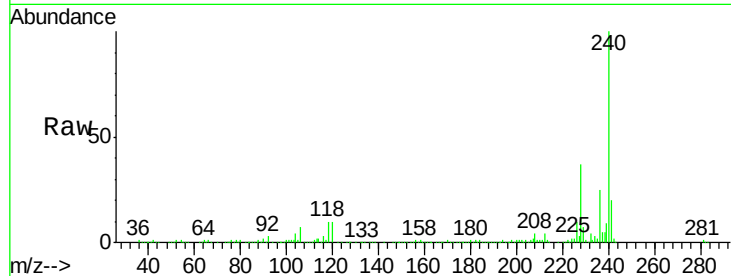
ClientSampleId :

WC-052915MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
422778	240	100			
	120	10.4		6.4	9.6#
	236	25.3		20.2	30.4

Manual Integrations
APPROVED

apatel
6/5/2015 8:06:15 AM



#77

Pyrene

Concen: 38.30 ng

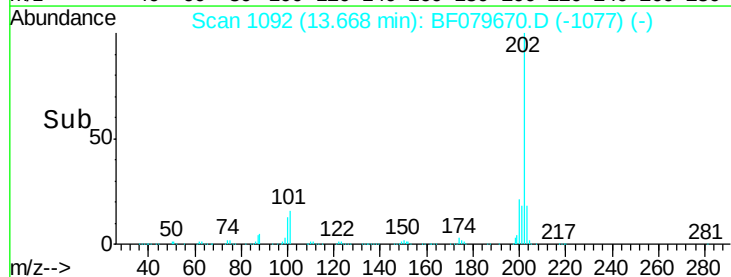
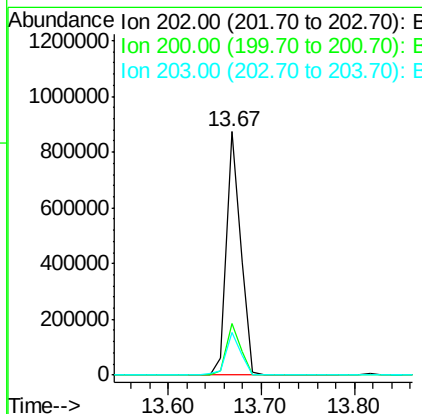
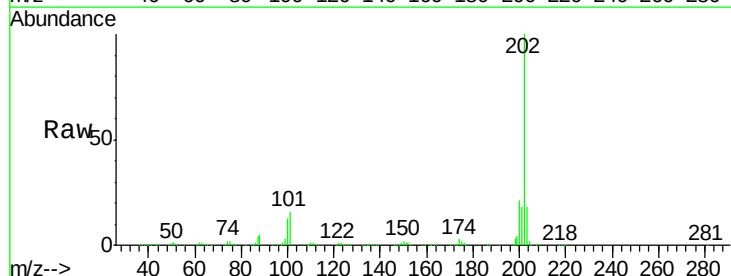
RT: 13.67 min Scan# 1092

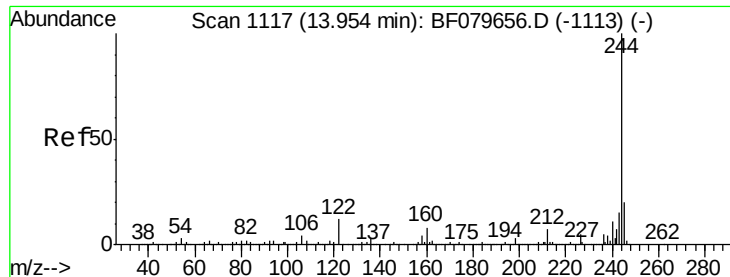
Delta R.T. -0.13 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
932400	202	100			
	200	21.5		17.4	26.0
	203	17.6		14.5	21.7





#78

Terphenyl-d14

Concen: 76.06 ng

RT: 13.82 min Scan# 1105

Delta R.T. -0.14 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

Instrument :

BNA_F

ClientSampleId :

WC-052915MS

Tot Ion:244 Resp: 1275924

Ion Ratio Lower Upper

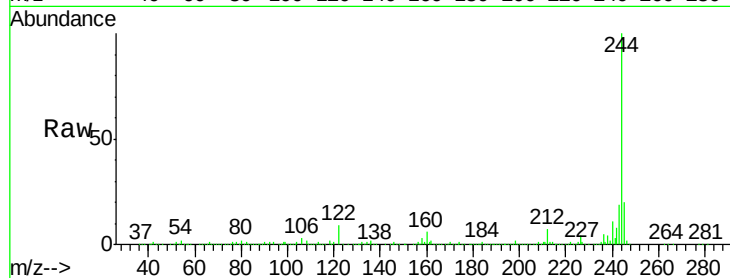
244 100

212 6.9 5.9 8.9

122 8.8 9.8 14.6#

Manual Integrations
APPROVED

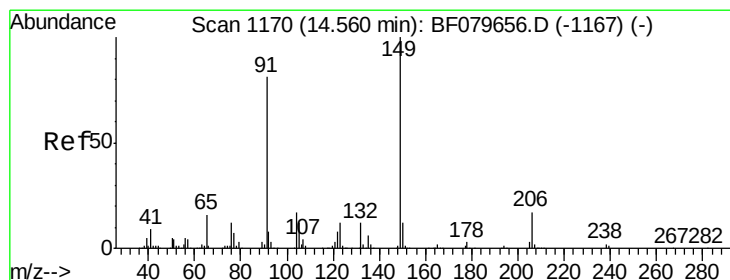
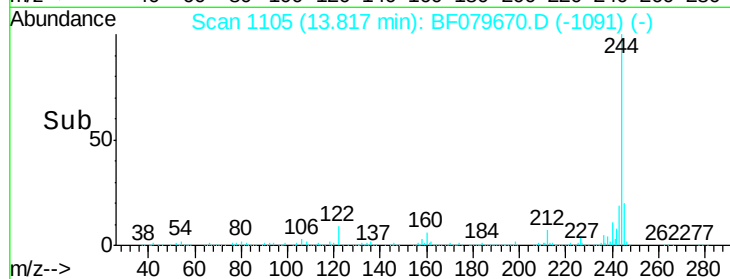
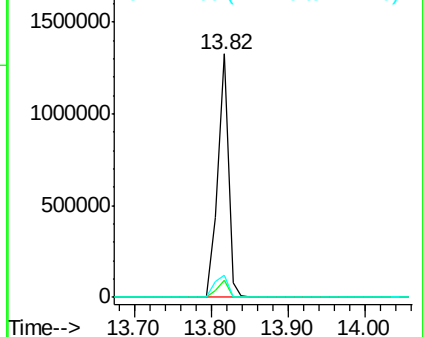
apatel
6/5/2015 8:06:15 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 45.77 ng

RT: 14.37 min Scan# 1153

Delta R.T. -0.19 min

Lab File: BF079670.D

Acq: 3 Jun 2015 19:11

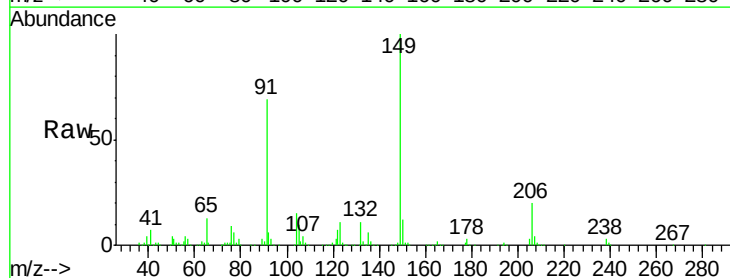
Tgt Ion:149 Resp: 380676

Ion Ratio Lower Upper

149 100

91 68.8 64.4 96.6

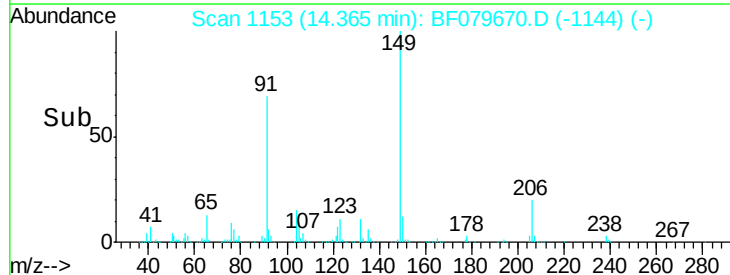
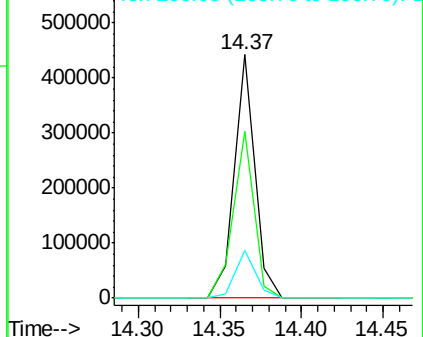
206 19.8 13.6 20.4

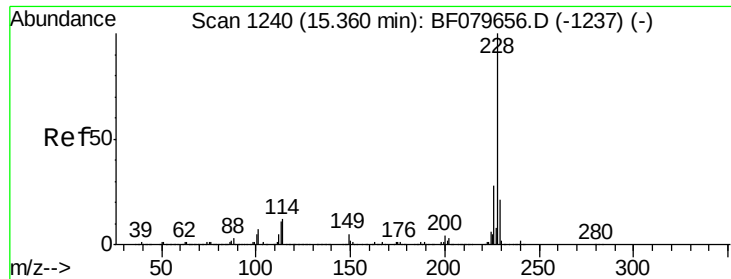


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





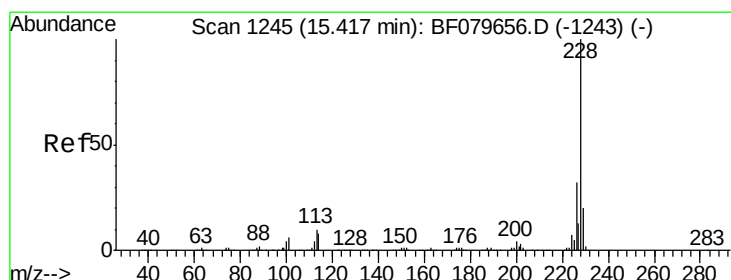
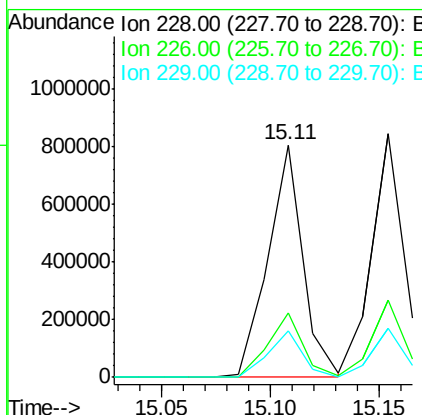
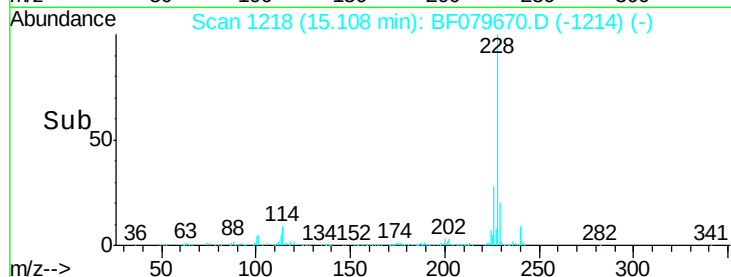
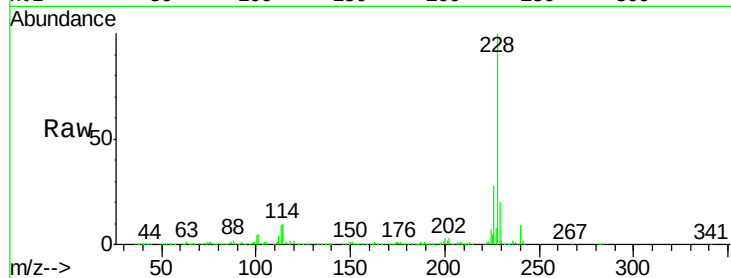
#80
Benzo(a)anthracene
Concen: 39.37 ng
RT: 15.11 min Scan# 1218
Delta R.T. -0.25 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	20.2	16.6	24.8

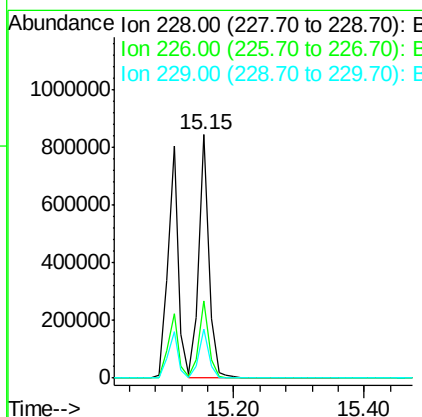
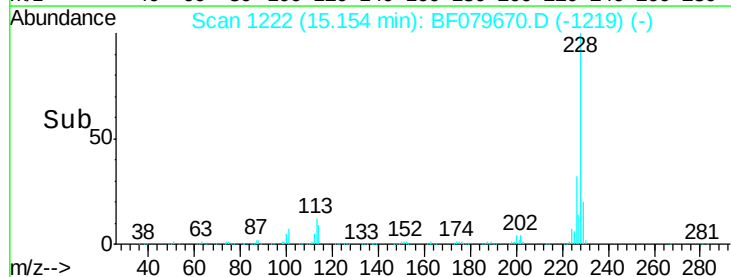
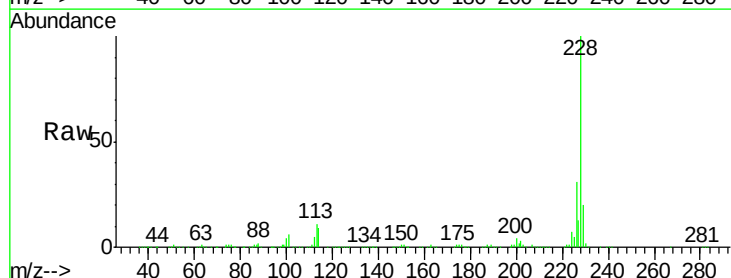
Manual Integrations
APPROVED

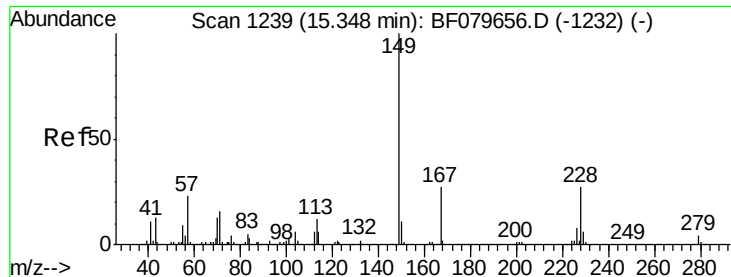
apatel
6/5/2015 8:06:15 AM



#82
Chrysene
Concen: 38.51 ng
RT: 15.15 min Scan# 1222
Delta R.T. -0.26 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.2	37.8
229	20.2	16.3	24.5





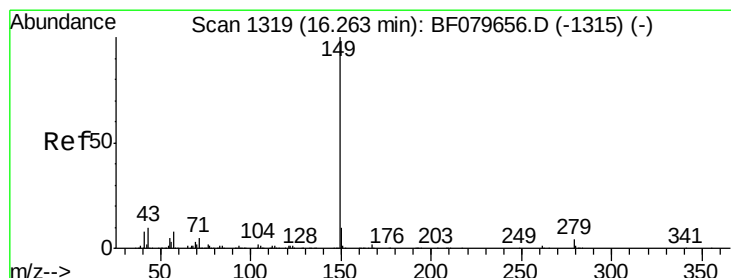
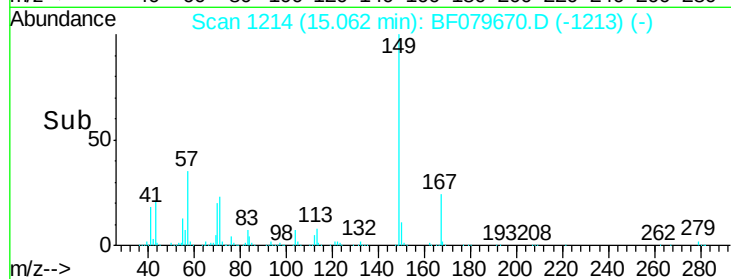
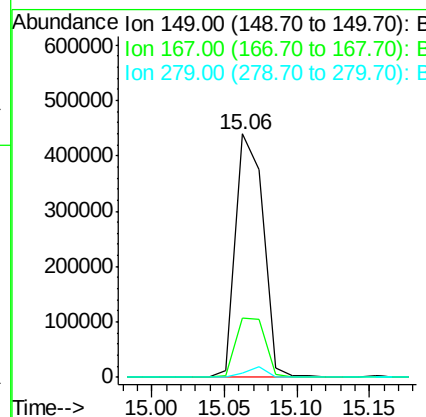
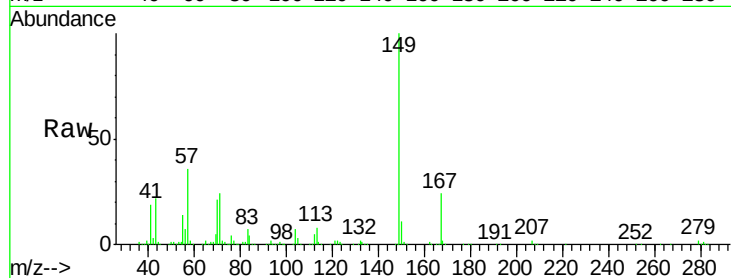
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.57 ng
 RT: 15.06 min Scan# 1214
 Delta R.T. -0.29 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	585180		
167	24.2	21.6	32.4	
279	1.9	3.1	4.7#	

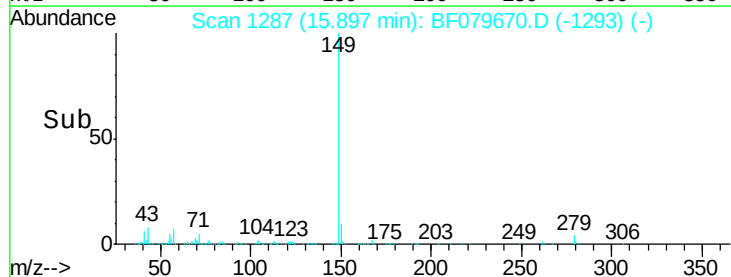
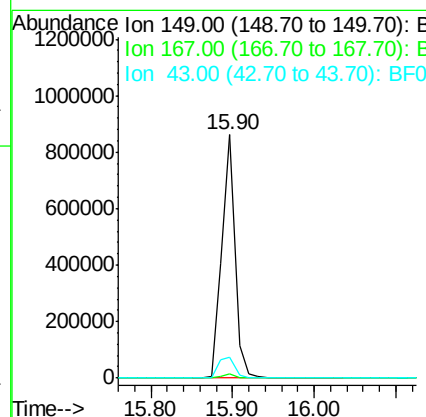
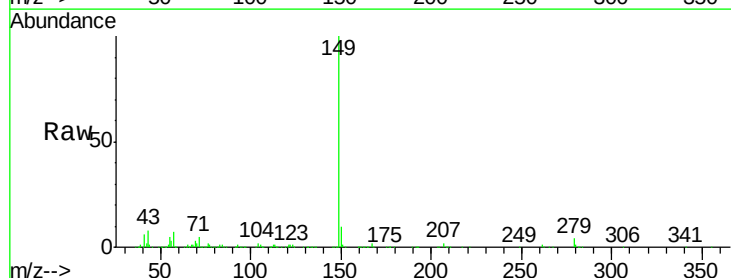
Manual Integrations
 APPROVED

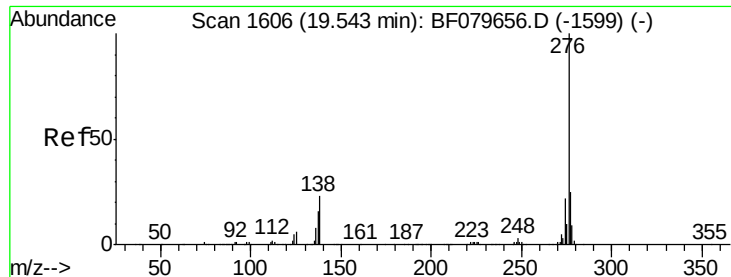
apatel
 6/5/2015 8:06:15 AM



#84
 Di-n-octyl phthalate
 Concen: 47.34 ng
 RT: 15.90 min Scan# 1287
 Delta R.T. -0.37 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	970080		
167	1.5	1.2	1.8	
43	10.9	9.4	14.2	





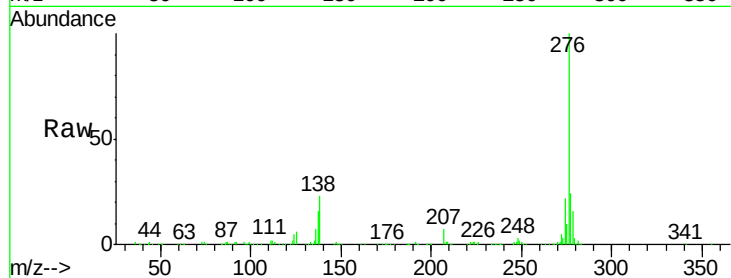
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.74 ng
RT: 19.13 min Scan# 1570
Delta R.T. -0.41 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

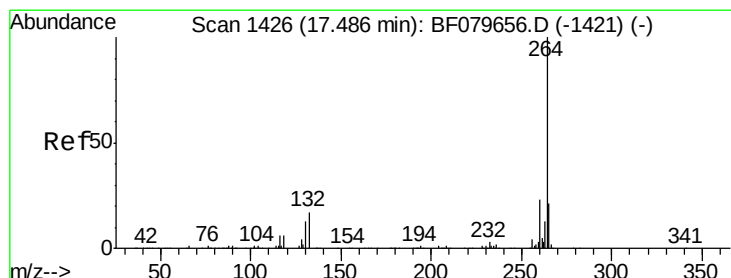
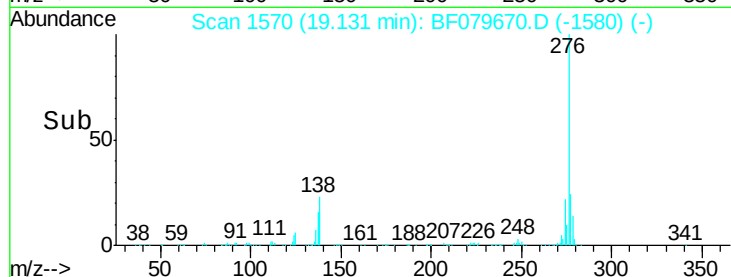
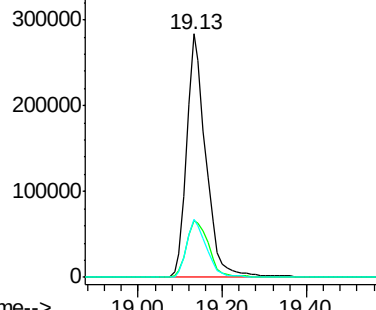
Tot Ion	Ratio	Resp	Lower	Upper
276	100	903933		
138	27.1		21.9	32.9
277	24.8		20.2	30.4

Manual Integrations
APPROVED

apatel
6/5/2015 8:06:15 AM

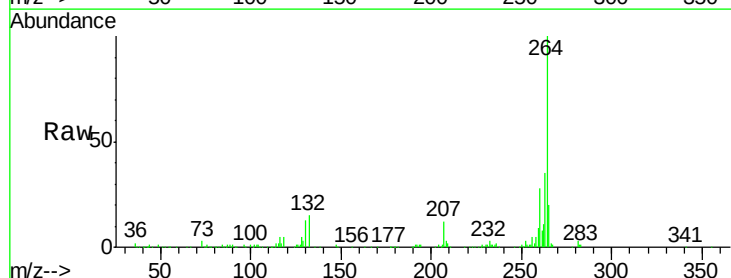


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

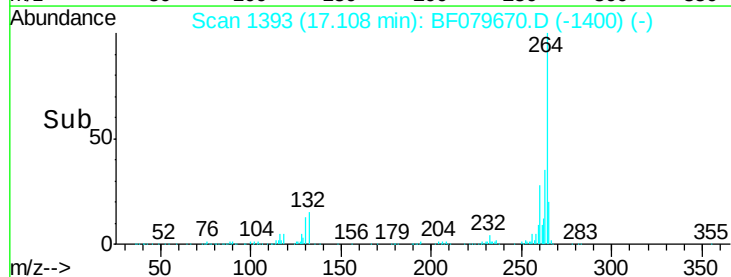
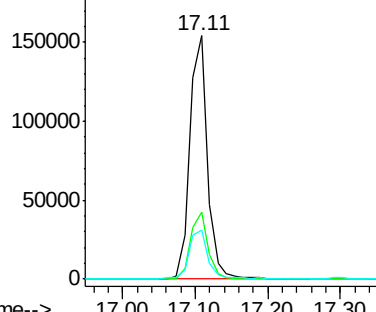


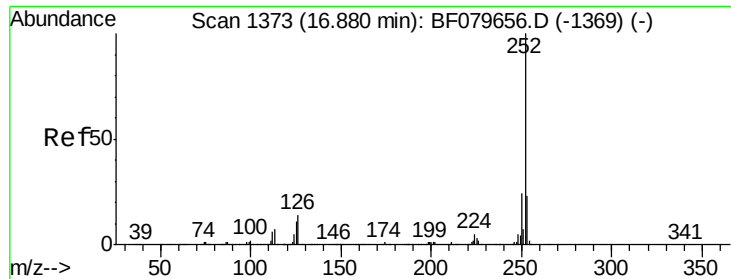
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.11 min Scan# 1393
Delta R.T. -0.38 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	260614		
260	27.6		18.8	28.2
265	20.3		17.4	26.0



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





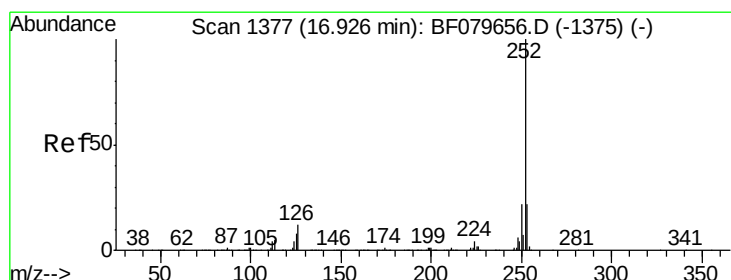
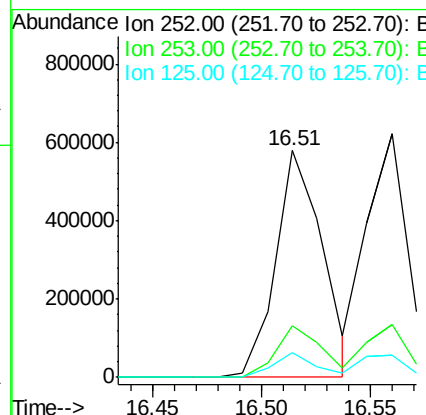
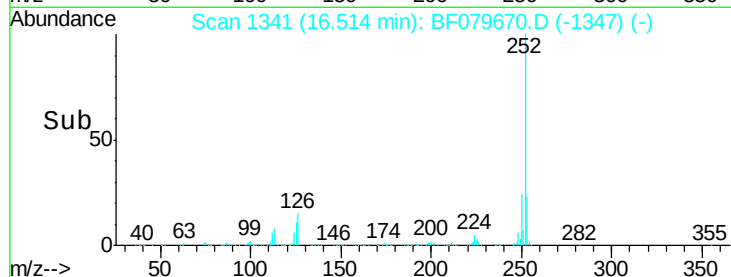
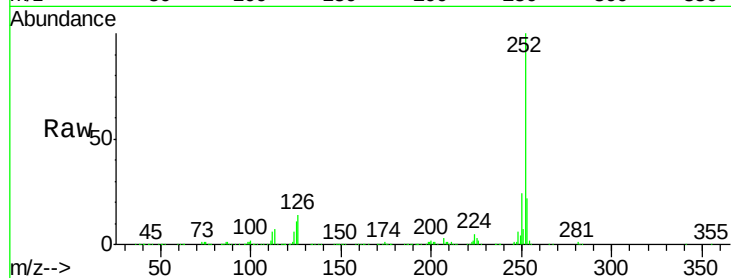
#87
Benzo(b)fluoranthene
Concen: 64.70 ng
RT: 16.51 min Scan# 1341
Delta R.T. -0.37 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	11.2	8.7	13.1

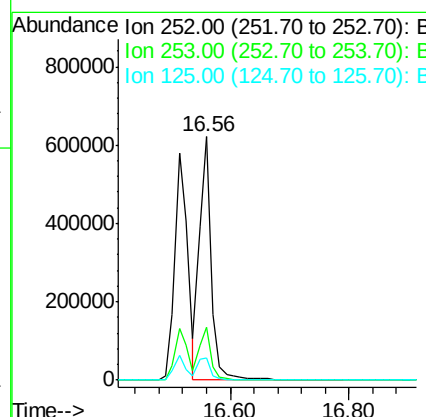
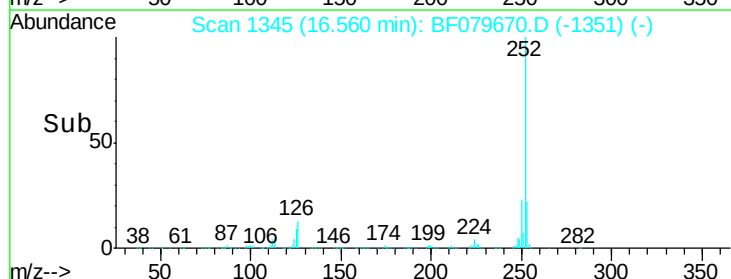
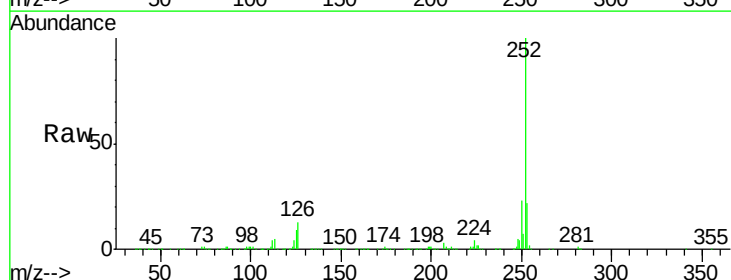
Manual Integrations
APPROVED

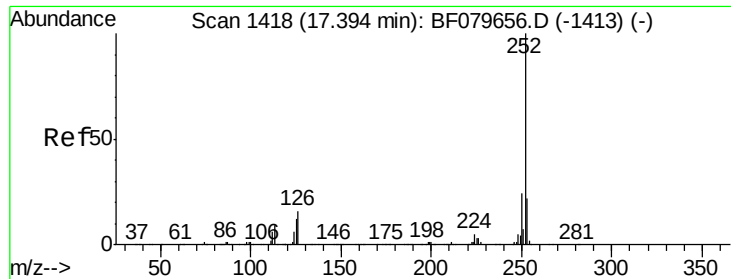
apatel
6/5/2015 8:06:15 AM



#88
Benzo(k)fluoranthene
Concen: 55.05 ng
RT: 16.56 min Scan# 1345
Delta R.T. -0.37 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	8.8	7.1	10.7





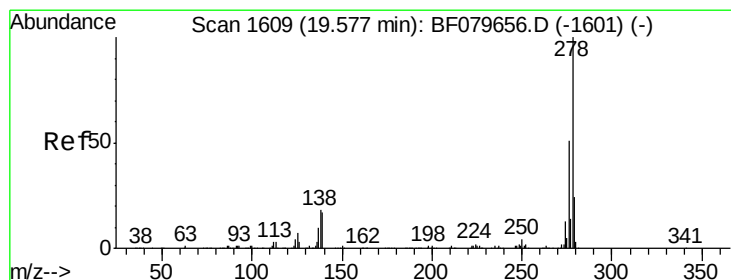
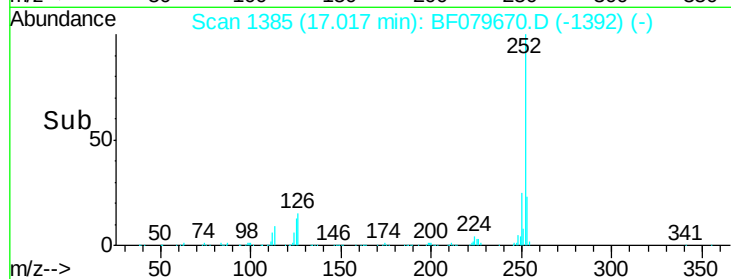
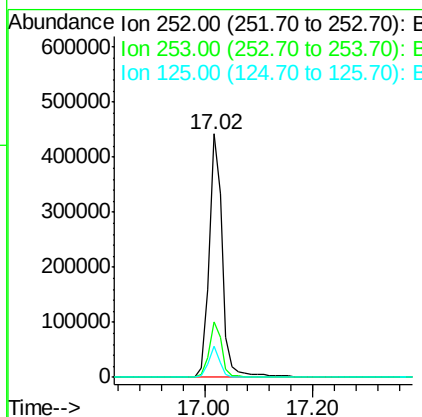
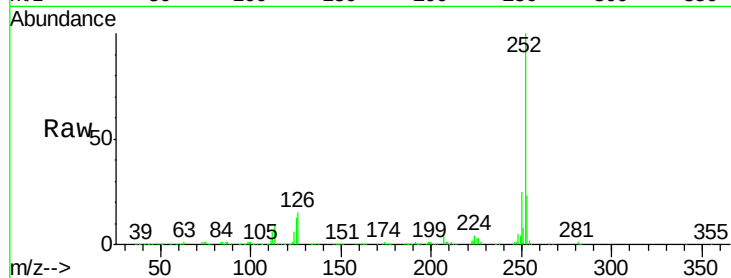
#89
Benzo(a)pyrene
Concen: 57.09 ng
RT: 17.02 min Scan# 1385
Delta R.T. -0.38 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Instrument :
BNA_F
ClientSampleId :
WC-052915MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	12.6	9.4	14.0

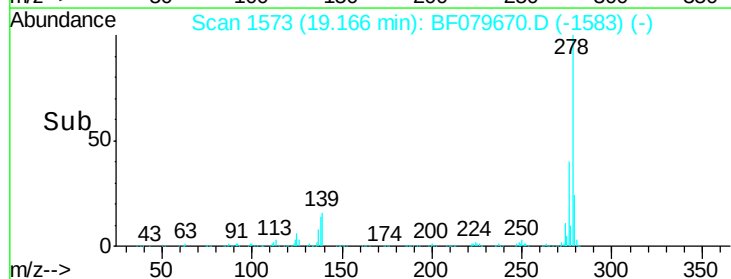
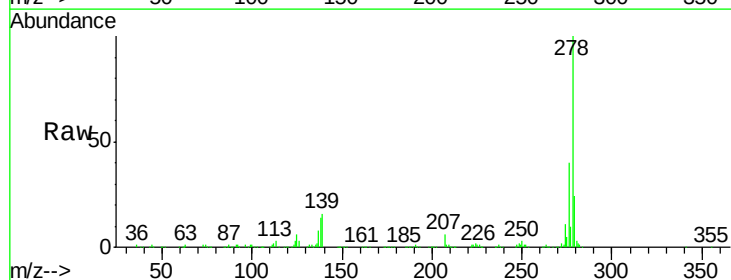
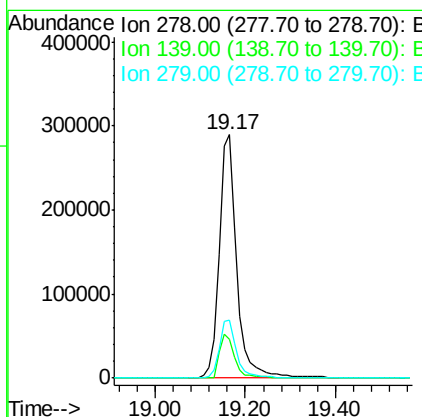
Manual Integrations
APPROVED

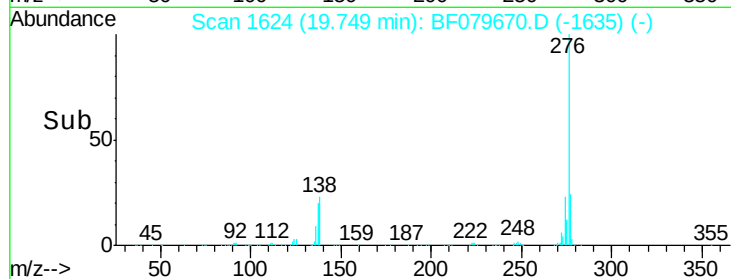
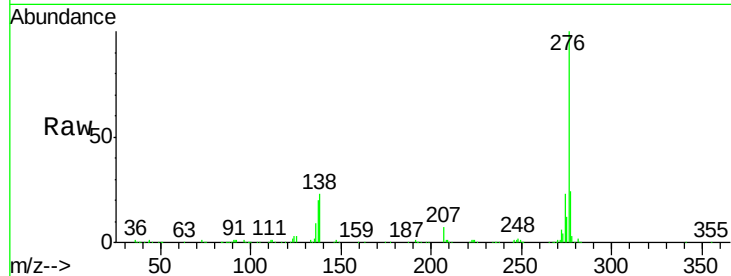
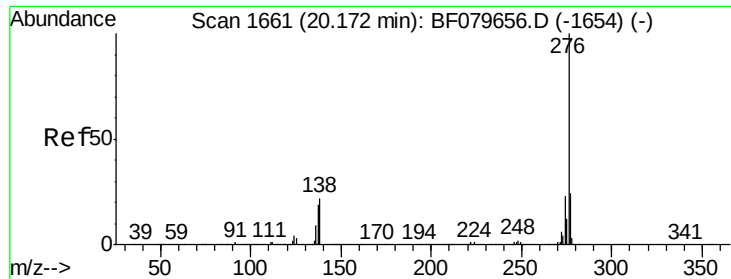
apatel
6/5/2015 8:06:15 AM



#90
Dibenzo(a,h)anthracene
Concen: 63.57 ng
RT: 19.17 min Scan# 1573
Delta R.T. -0.41 min
Lab File: BF079670.D
Acq: 3 Jun 2015 19:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.7	20.5
279	24.0	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 56.51 ng
 RT: 19.75 min Scan# 1624
 Delta R.T. -0.42 min
 Lab File: BF079670.D
 Acq: 3 Jun 2015 19:11

Instrument :
 BNA_F
 ClientSampleId :
 WC-052915MS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.4	19.1	28.7
138	23.0	17.4	26.0

Manual Integrations
 APPROVED

apatel
 6/5/2015 8:06:15 AM

