

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
 Data File : BF078164.D
 Acq On : 1 Apr 2015 21:00
 Operator : TP/IZ
 Sample : G1614-06
 Misc : LOO-WATER-20PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2015-02

Manual Integrations
 APPROVED

apatel
 4/2/2015 5:51:03 PM

Quant Time: Apr 02 13:50:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 13:21:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	38348	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	153937	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	79882	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	152595	20.00	ng	0.00
75) Chrysene-d12	15.87	240	156711	20.00	ng	0.00
86) Perylene-d12	17.60	264	147985	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	350483	150.69	ng	0.00
7) Phenol-d6	6.60	99	433875	148.85	ng	0.00
23) Nitrobenzene-d5	7.71	82	253701	99.90	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	110518	166.82	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	539785	96.59	ng	0.00
78) Terphenyl-d14	14.59	244	658144	94.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	19979	19.00	ng	97
3) Pyridine	2.54	79	48678	17.67	ng	98
4) n-Nitrosodimethylamine	2.46	42	19406m	18.30	ng	
6) Aniline	6.61	93	33994	8.22	ng	# 11
8) 2-Chlorophenol	6.75	128	60945	22.16	ng	99
9) Benzaldehyde	6.46	77	44254	22.91	ng	99
10) Phenol	6.62	94	69136	19.80	ng	98
11) bis(2-Chloroethyl)ether	6.72	93	56216	22.38	ng	98
12) 1,3-Dichlorobenzene	6.93	146	61843	20.47	ng	99
13) 1,4-Dichlorobenzene	7.04	146	64667	21.27	ng	99
14) 1,2-Dichlorobenzene	7.22	146	60979	21.39	ng	99
15) Benzyl Alcohol	7.21	79	47038	22.96	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.39	45	73845	22.04	ng	100
17) 2-Methylphenol	7.37	107	47134	22.07	ng	99
18) Hexachloroethane	7.64	117	21832	21.29	ng	95
19) n-Nitroso-di-n-propylamine	7.54	70	38752	20.15	ng	# 86
20) 3+4-Methylphenols	7.56	107	62302	21.87	ng	99
22) Acetophenone	7.53	105	79322	22.12	ng	# 88
24) Nitrobenzene	7.73	77	57618	21.70	ng	# 78
25) Isophorone	8.04	82	105182	21.82	ng	97
26) 2-Nitrophenol	8.13	139	28478	22.51	ng	99
27) 2,4-Dimethylphenol	8.21	122	50555	21.49	ng	98
28) bis(2-Chloroethoxy)methane	8.33	93	69948	22.63	ng	99
29) 2,4-Dichlorophenol	8.44	162	47859	22.36	ng	96
30) 1,2,4-Trichlorobenzene	8.53	180	51775	21.10	ng	98
31) Naphthalene	8.62	128	170683	21.30	ng	99
32) Benzoic acid	8.32	122	18706	20.66	ng	90
33) 4-Chloroaniline	8.70	127	38274	11.51	ng	99
34) Hexachlorobutadiene	8.77	225	28501	21.15	ng	96
35) Caprolactam	9.12	113	13867	21.70	ng	94
36) 4-Chloro-3-methylphenol	9.32	107	50894	23.57	ng	98
37) 2-Methylnaphthalene	9.48	142	120842	22.21	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	51802	20.93	ng	100
40) Hexachlorocyclopentadiene	9.68	237	18517	22.71	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
 Data File : BF078164.D
 Acq On : 1 Apr 2015 21:00
 Operator : TP/IZ
 Sample : G1614-06
 Misc : LOO-WATER-20PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2015-02

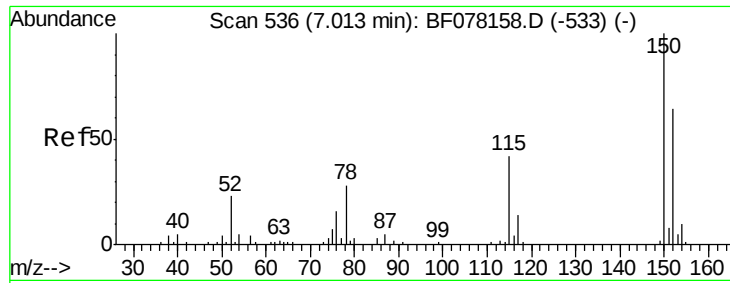
Manual Integrations
 APPROVED

apatel
 4/2/2015 5:51:03 PM

Quant Time: Apr 02 13:50:01 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 13:21:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	33167	21.25	nq	98
43) 2,4,5-Trichlorophenol	9.88	196	36159	22.17	nq	98
45) 1,1'-Biphenyl	10.07	154	146551	22.43	nq	98
46) 2-Chloronaphthalene	10.08	162	111312	21.65	nq	99
47) 2-Nitroaniline	10.21	65	28449	22.37	nq	97
48) Acenaphthylene	10.59	152	178161	21.46	nq	99
49) Dimethylphthalate	10.45	163	129608	21.60	nq	99
50) 2,6-Dinitrotoluene	10.52	165	27130	21.97	nq	# 46
51) Acenaphthene	10.80	154	100944	21.60	nq	99
52) 3-Nitroaniline	10.73	138	25567	18.21	nq	94
53) 2,4-Dinitrophenol	10.87	184	4804	20.46	nq	98
54) Dibenzofuran	11.01	168	161853	22.67	nq	99
55) 4-Nitrophenol	10.97	139	19182	20.68	nq	98
56) 2,4-Dinitrotoluene	11.03	165	35685	22.31	nq	94
57) Fluorene	11.44	166	130697	22.59	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.17	232	27605	22.83	nq	99
59) Diethylphthalate	11.33	149	128063	22.13	nq	98
60) 4-Chlorophenyl-phenylether	11.45	204	60091	22.57	nq	# 75
61) 4-Nitroaniline	11.48	138	28417	20.02	nq	93
62) Azobenzene	11.64	77	117244	22.20	nq	98
64) 4,6-Dinitro-2-methylphenol	11.52	198	12241	21.84	nq	83
65) n-Nitrosodiphenylamine	11.60	169	111095	21.05	nq	98
66) 4-Bromophenyl-phenylether	12.05	248	35183	21.77	nq	97
67) Hexachlorobenzene	12.11	284	37998	21.46	nq	94
68) Atrazine	12.28	200	35057	22.93	nq	98
69) Pentachlorophenol	12.36	266	11372	20.84	nq	98
70) Phenanthrene	12.63	178	187211	21.21	nq	99
71) Anthracene	12.68	178	188292	21.65	nq	100
72) Carbazole	12.90	167	179844	22.06	nq	99
73) Di-n-butylphthalate	13.36	149	201738	21.85	nq	100
74) Fluoranthene	14.09	202	202237	21.73	nq	97
76) Benzidine	14.28	184	81935	13.58	nq	99
77) Pyrene	14.36	202	211473	21.50	nq	98
79) Butylbenzylphthalate	15.21	149	83955	22.39	nq	90
80) Benzo(a)anthracene	15.85	228	194665	20.88	nq	98
81) 3,3'-Dichlorobenzidine	15.84	252	32104	10.28	nq	# 94
82) Chrysene	15.89	228	190538	21.75	nq	99
83) Bis(2-ethylhexyl)phthalate	15.93	149	129268	21.98	nq	# 95
84) Di-n-octyl phthalate	16.73	149	214570	22.22	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.91	276	208057	20.93	nq	# 87
87) Benzo(b)fluoranthene	17.15	252	189004	20.67	nq	99
88) Benzo(k)fluoranthene	17.19	252	190668m	23.46	nq	
89) Benzo(a)pyrene	17.53	252	178601	22.38	nq	# 95
90) Dibenzo(a,h)anthracene	18.93	278	169180	21.17	nq	97
91) Benzo(g,h,i)perylene	19.29	276	171060	21.35	nq	98

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



#1

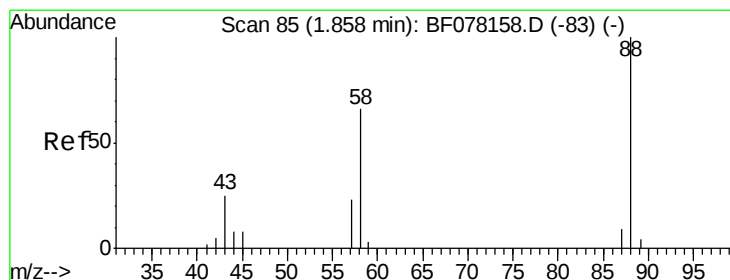
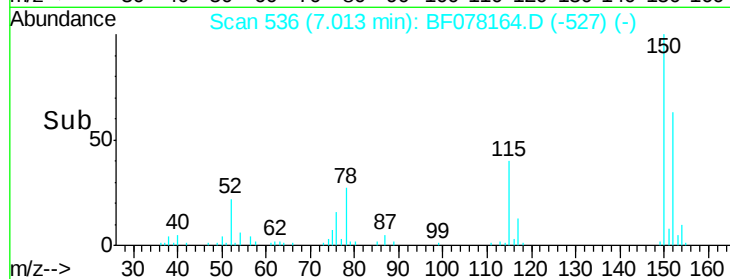
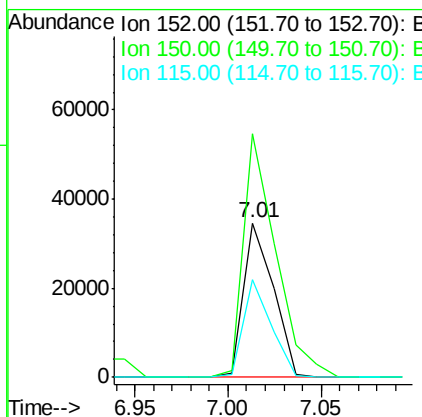
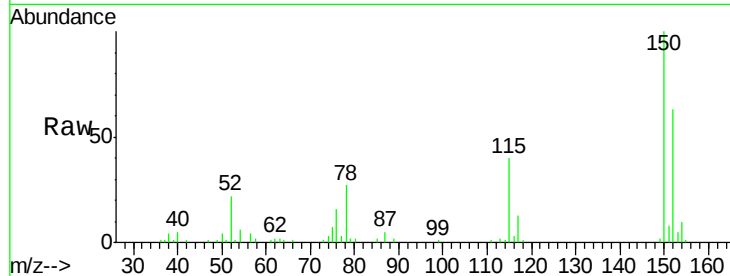
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.9	188.9
115	63.4	52.7	79.1

Manual Integrations
APPROVED

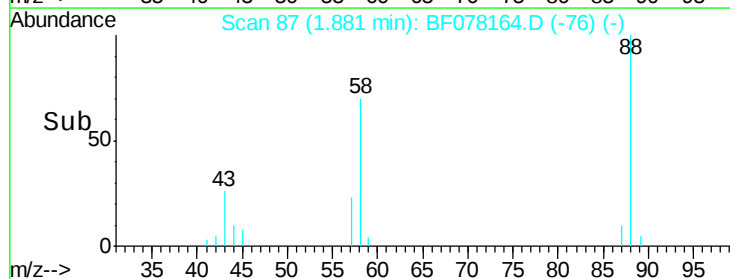
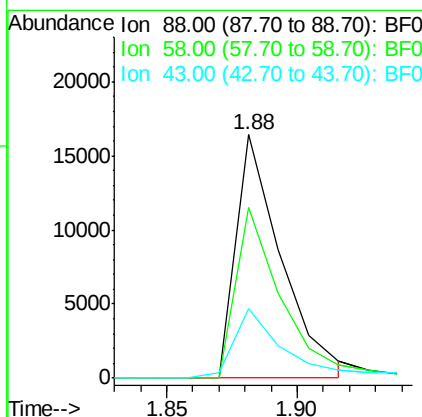
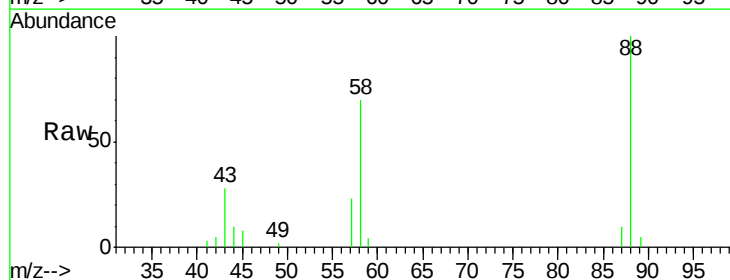
apatel
4/2/2015 5:51:03 PM

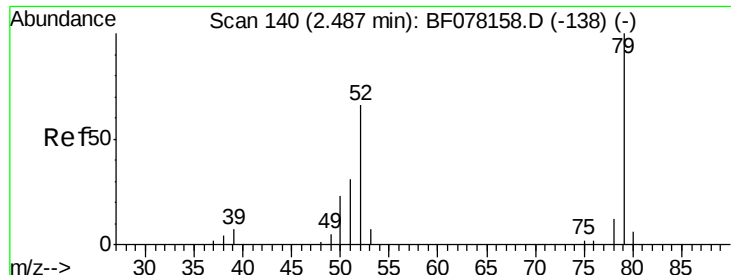


#2

1,4-Dioxane
Concen: 19.00 ng
RT: 1.88 min Scan# 87
Delta R.T. 0.02 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.1	56.9	85.3
43	29.8	21.4	32.2





#3

Pvridine

Concen: 17.67 ng

RT: 2.54 min Scan# 145

Delta R.T. 0.06 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Instrument :

BNA_F

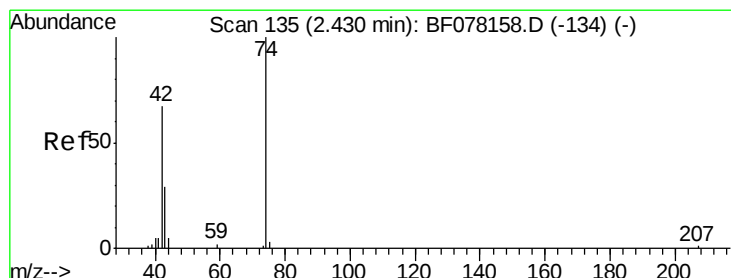
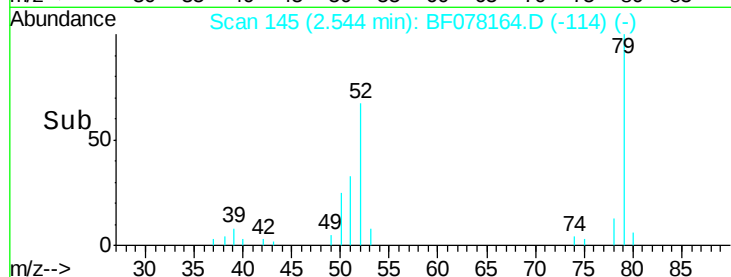
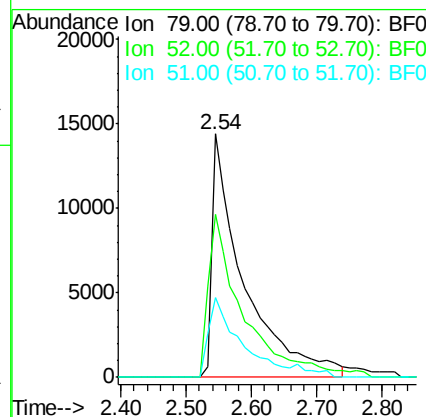
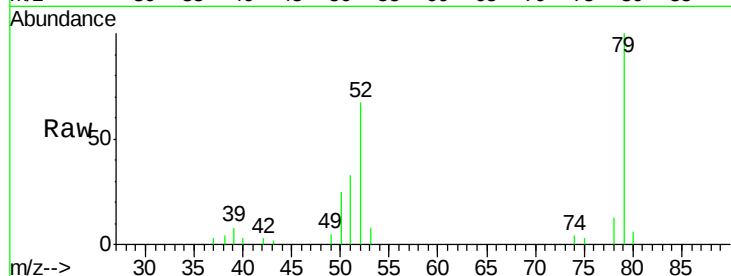
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	79	Resp:	48678
Ion	Ratio	Lower	Upper
79	100		
52	67.1	52.4	78.6
51	32.6	24.9	37.3

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM



#4

n-Nitrosodimethylamine

Concen: 18.30 ng m

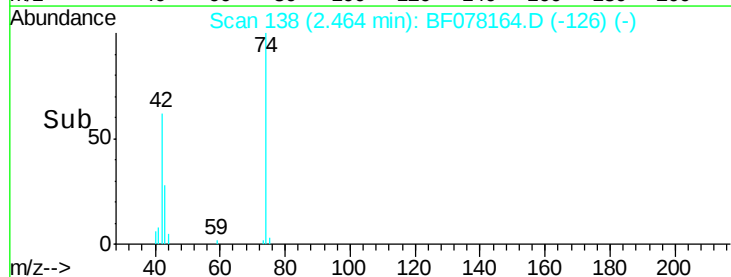
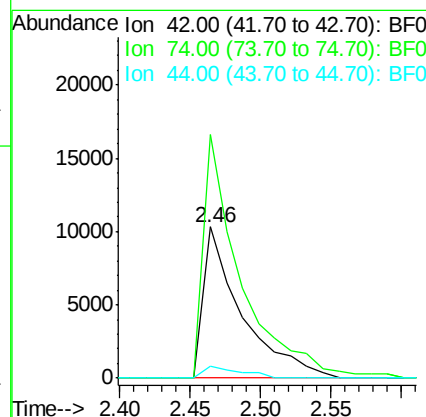
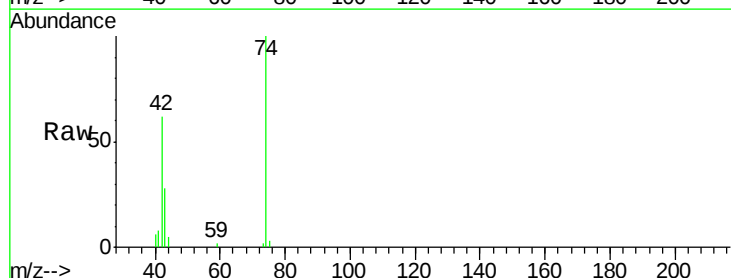
RT: 2.46 min Scan# 138

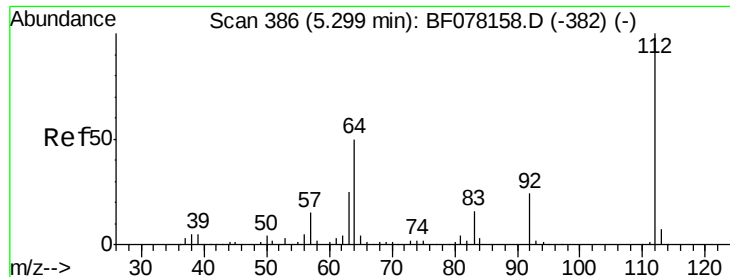
Delta R.T. 0.04 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Tgt Ion:	42	Resp:	19406
Ion	Ratio	Lower	Upper
42	100		
74	160.8	118.7	178.1
44	8.2	5.9	8.9





#5

2-Fluorophenol

Concen: 150.69 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Instrument :

BNA_F

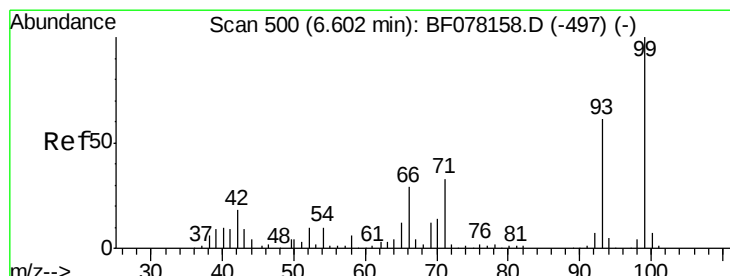
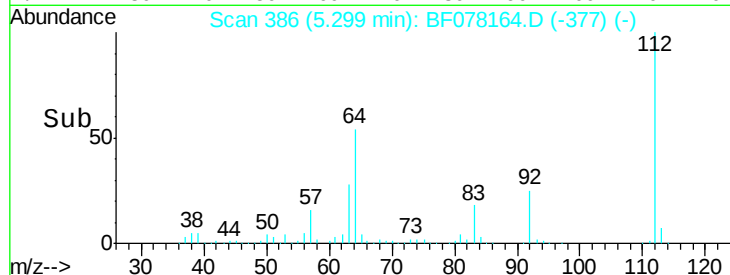
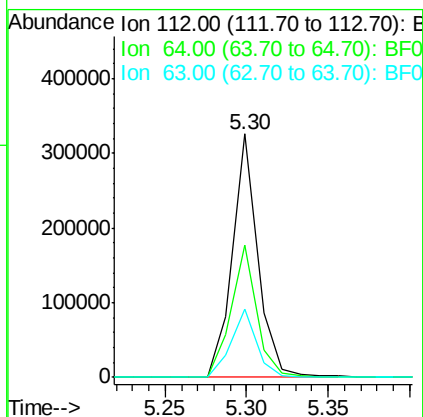
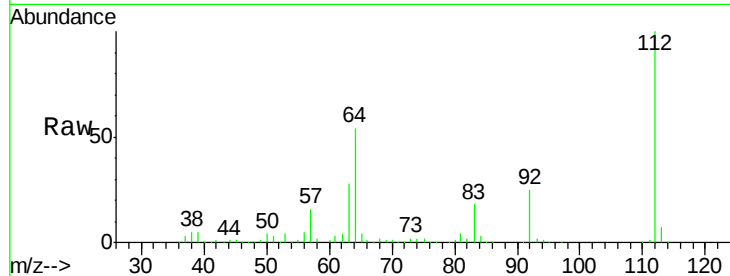
ClientSampleId :

LOQ-WATER2015-02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		350483		
64	54.1	39.9	59.9		
63	28.2	20.2	30.4		

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM



#6

Aniline

Concen: 8.22 ng

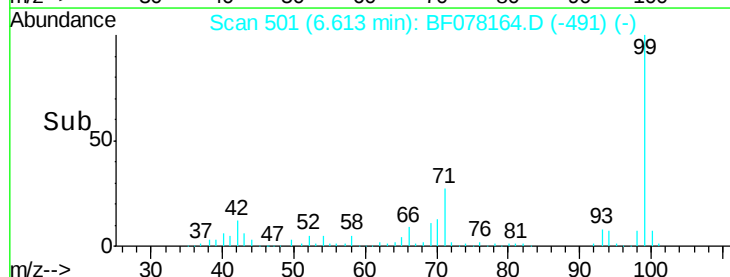
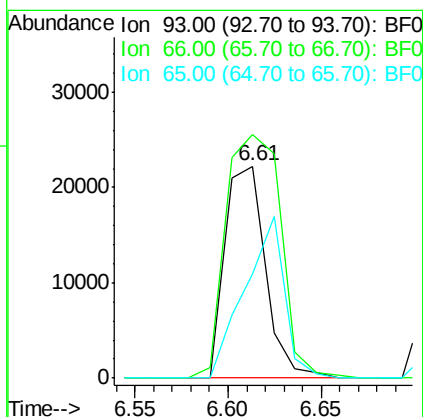
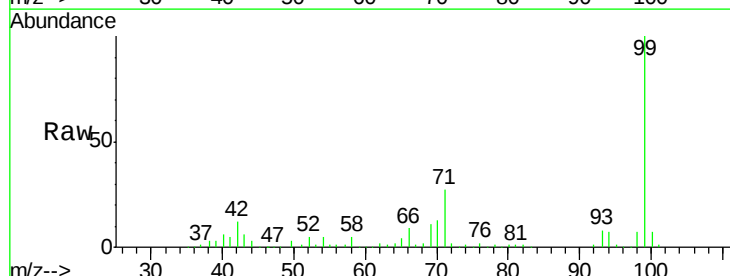
RT: 6.61 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		33994		
66	114.8	38.0	57.0#		
65	49.3	16.3	24.5#		





#7

Phenol-d6

Concen: 148.85 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Instrument :

BNA_F

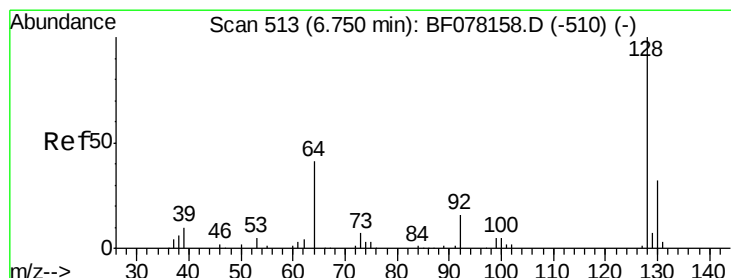
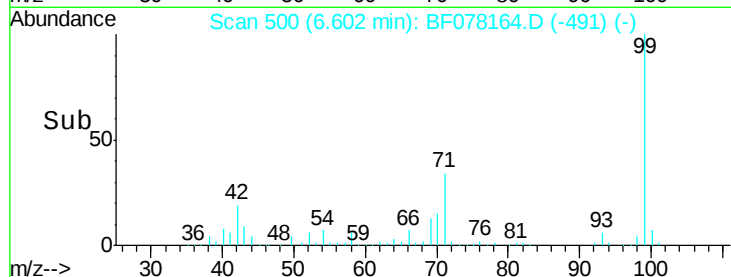
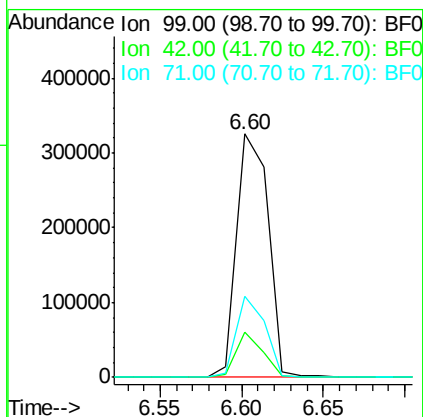
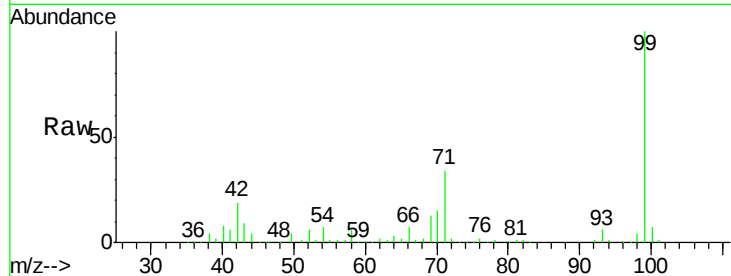
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	99	Resp:	433875
Ion Ratio	Lower	Upper	
99	100		
42	18.6	14.8	22.2
71	33.6	26.6	39.8

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM



#8

2-Chlorophenol

Concen: 22.16 ng

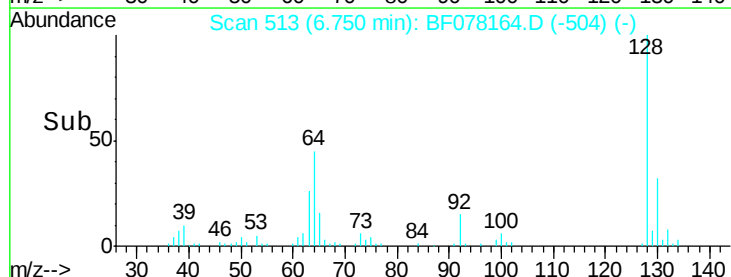
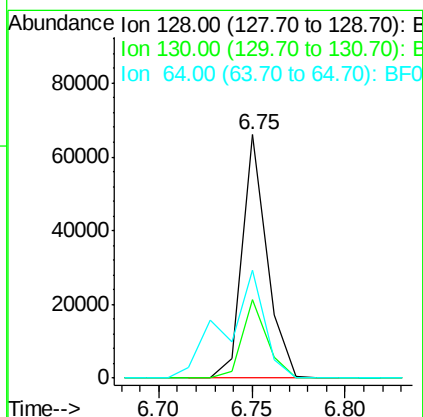
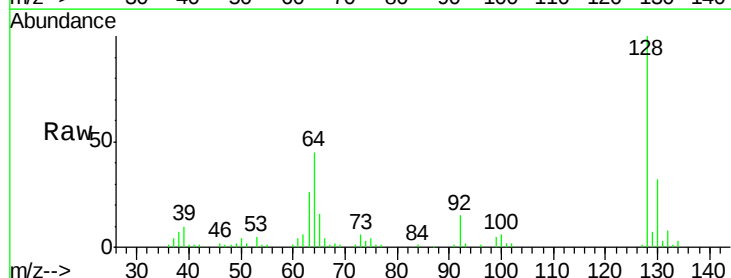
RT: 6.75 min Scan# 513

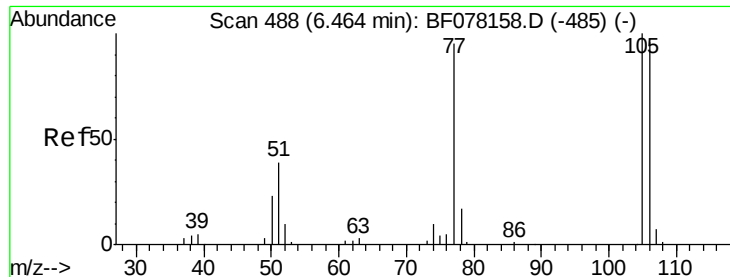
Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Tgt Ion:	128	Resp:	60945
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.3	52.3
64	44.5	23.8	63.8





#9

Benzaldehyde

Concen: 22.91 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Instrument :

BNA_F

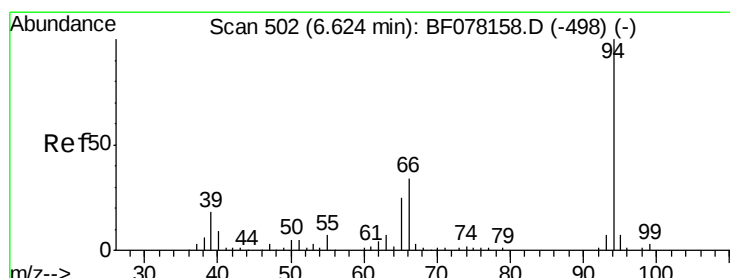
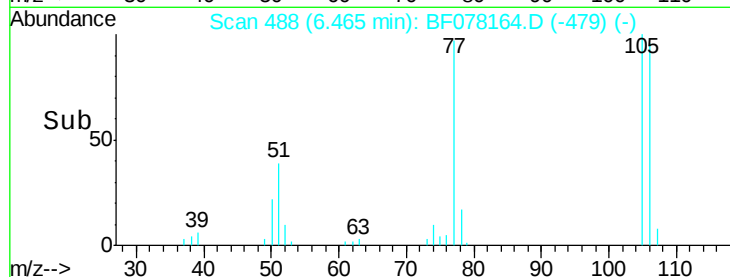
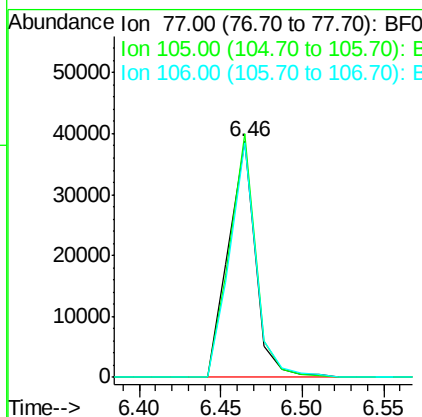
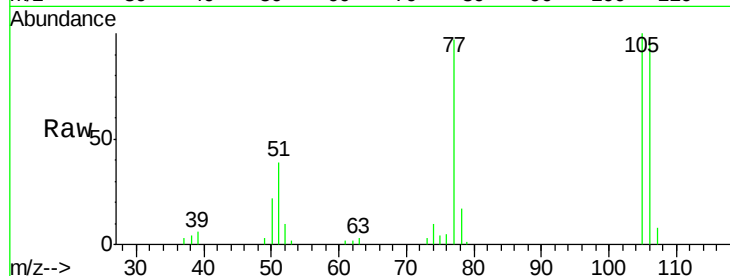
ClientSampleId :

LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.5	85.4	125.4
106	99.8	80.8	120.8

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM



#10

Phenol

Concen: 19.80 ng

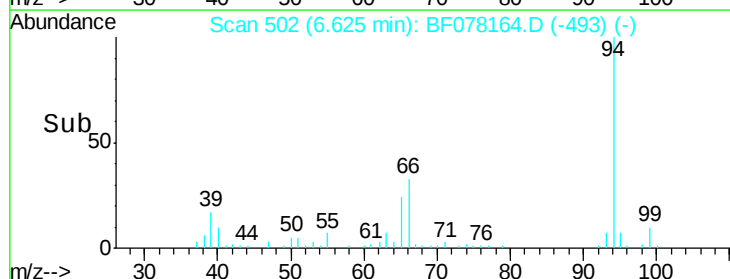
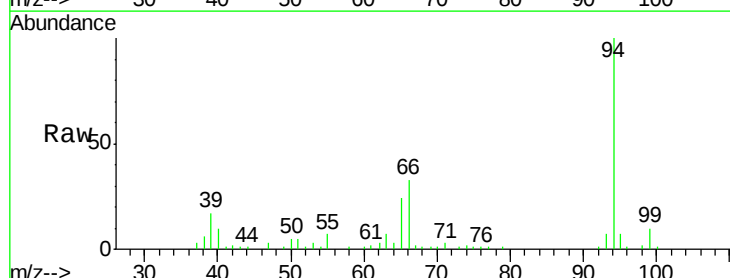
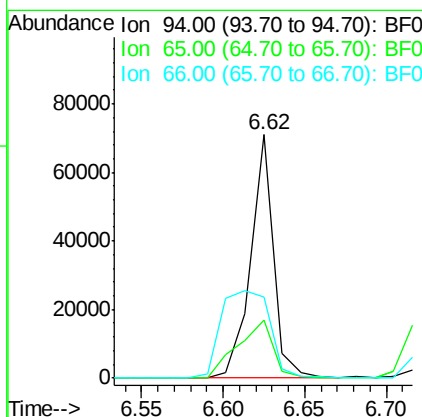
RT: 6.62 min Scan# 502

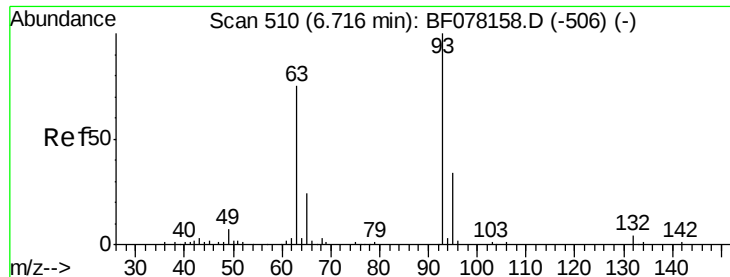
Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Lower	Upper
94	100		
65	23.9	4.9	44.9
66	33.1	13.8	53.8





#11

bis(2-Chloroethyl)ether

Concen: 22.38 ng

RT: 6.72 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Instrument :

BNA_F

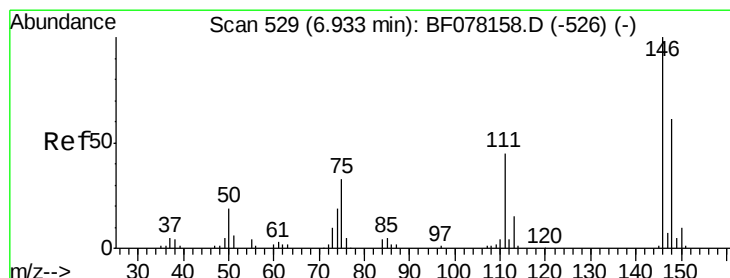
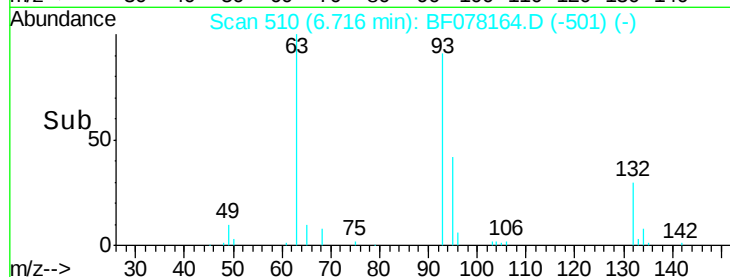
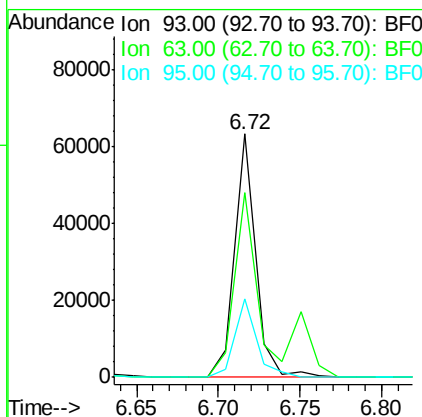
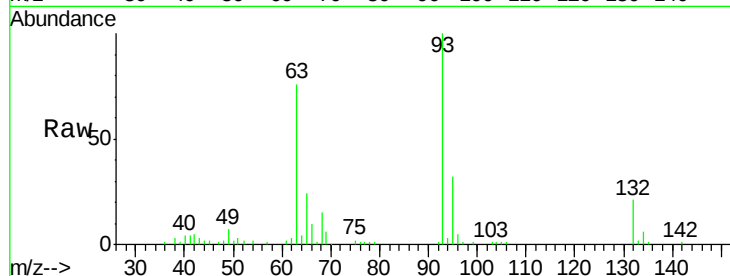
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	93	Resp:	56216
Ion Ratio	Lower	Upper	
93	100		
63	76.0	54.6	94.6
95	32.1	13.6	53.6

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM



#12

1,3-Dichlorobenzene

Concen: 20.47 ng

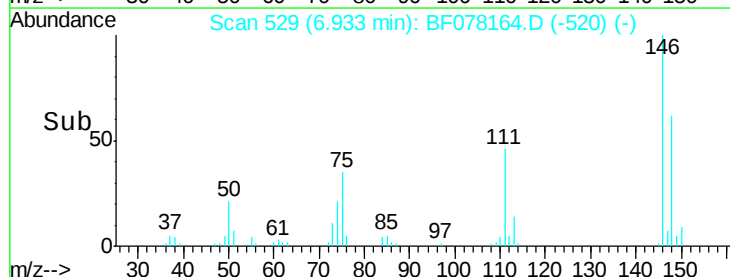
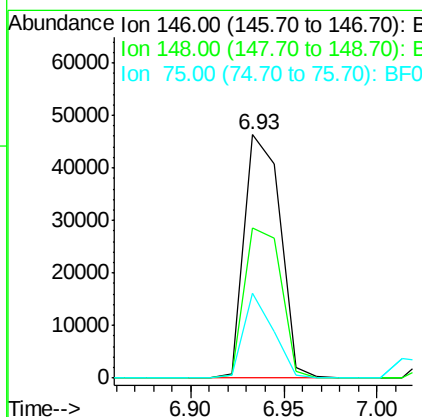
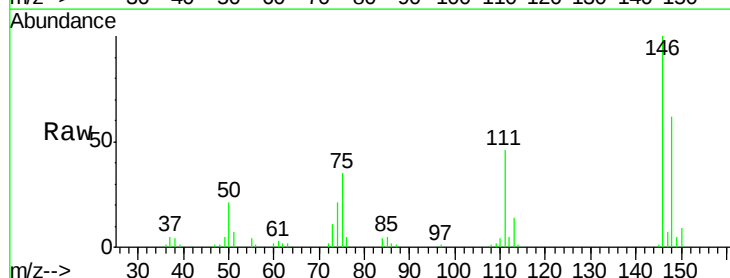
RT: 6.93 min Scan# 529

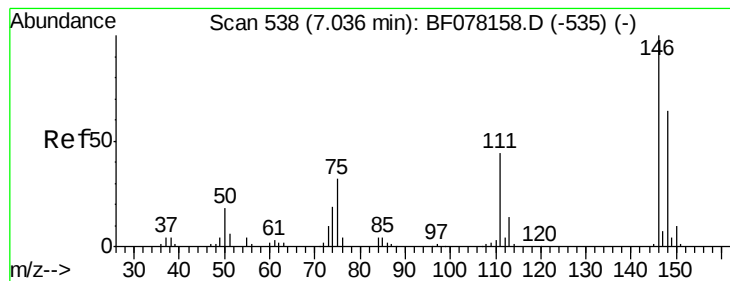
Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Tgt Ion:	146	Resp:	61843
Ion Ratio	Lower	Upper	
146	100		
148	61.8	49.1	73.7
75	35.1	26.6	40.0





#13

1,4-Dichlorobenzene

Concen: 21.27 ng

RT: 7.04 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Instrument :

BNA_F

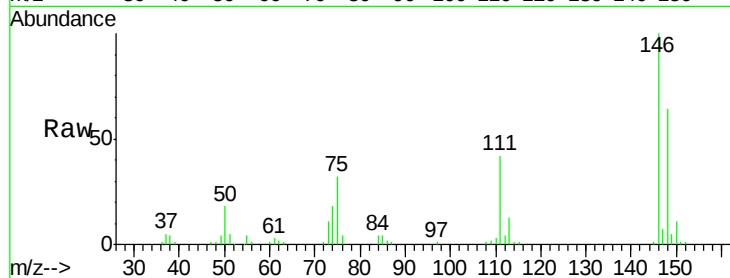
ClientSampleId :

LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
111	41.8	35.0	52.4

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM

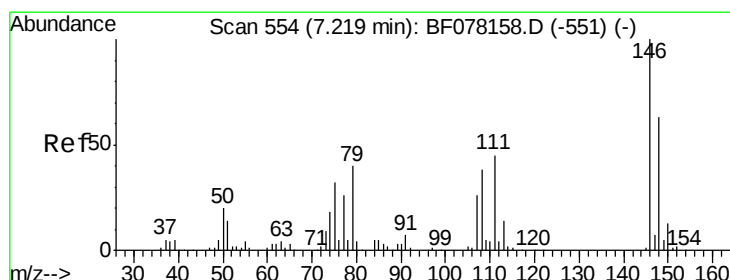
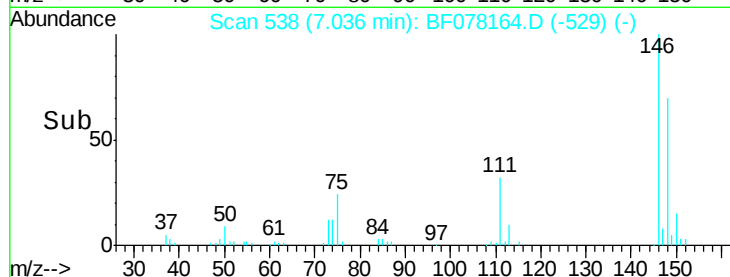
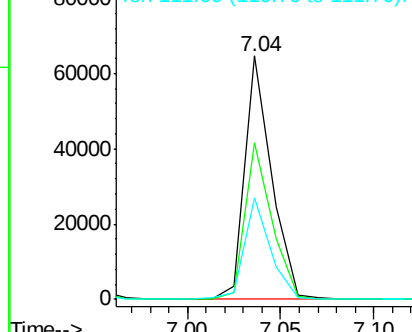


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 21.39 ng

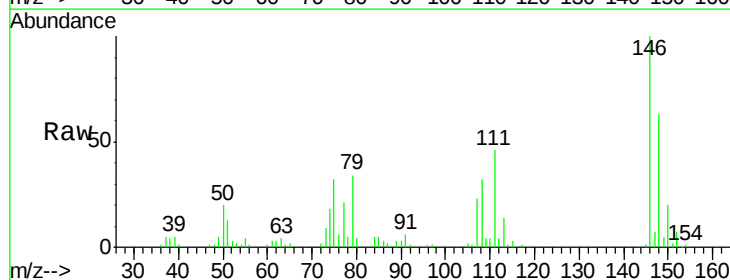
RT: 7.22 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.2	75.4
111	46.0	36.1	54.1

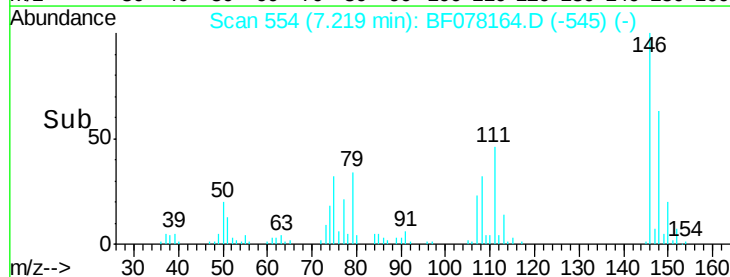
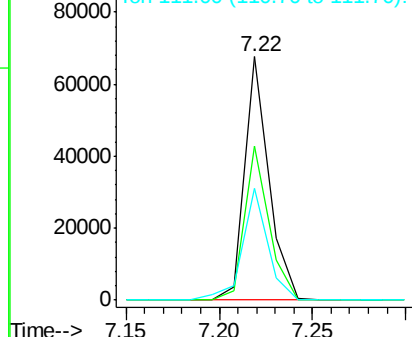


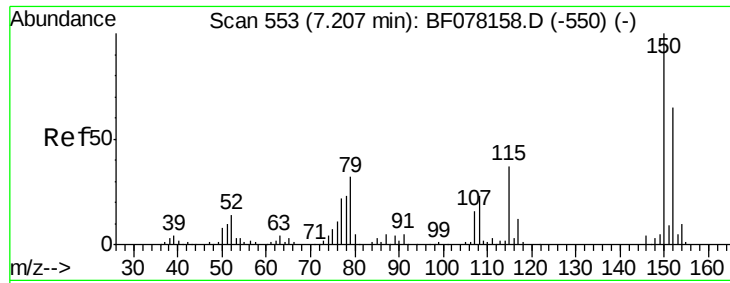
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





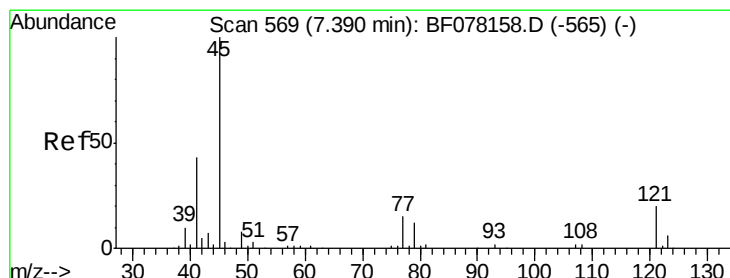
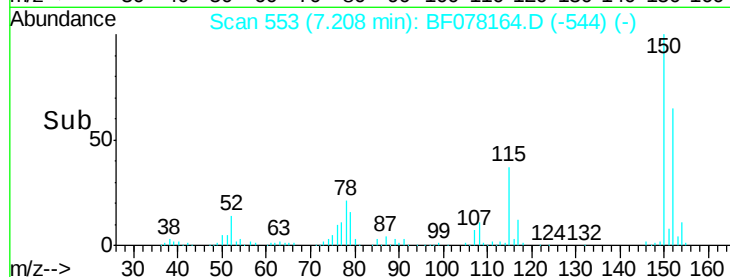
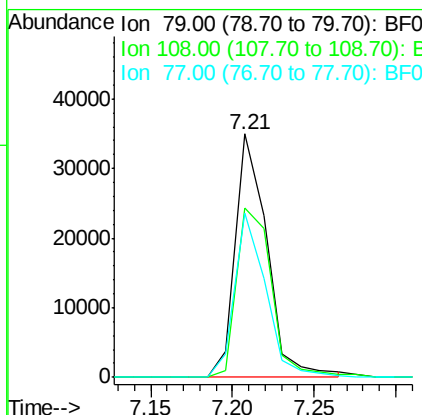
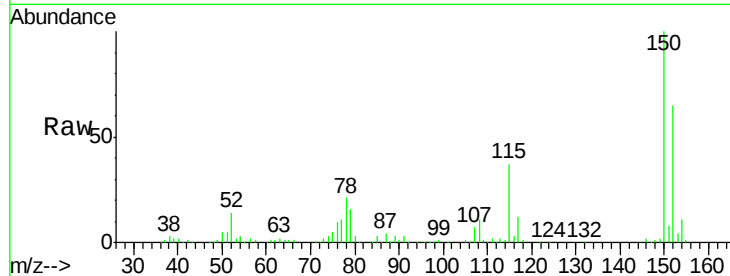
#15
Benzyl Alcohol
Concen: 22.96 ng
RT: 7.21 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.7	57.6	86.4
77	67.3	53.5	80.3

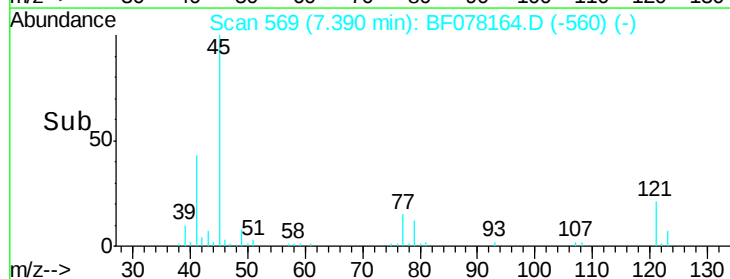
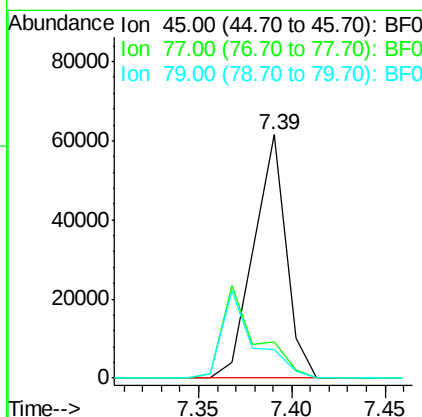
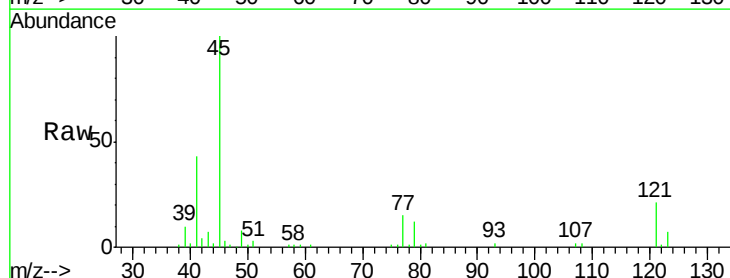
Manual Integrations
APPROVED

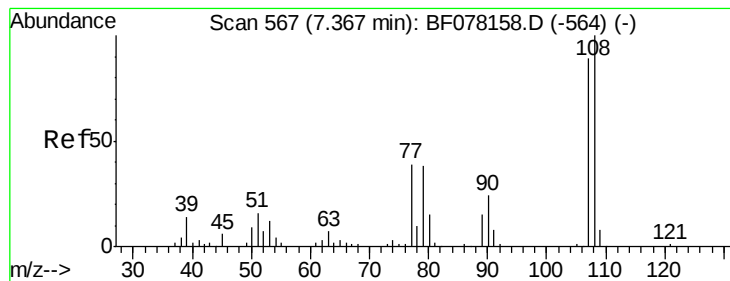
apatel
4/2/2015 5:51:03 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 22.04 ng
RT: 7.39 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	34.5
79	12.0	0.0	31.9





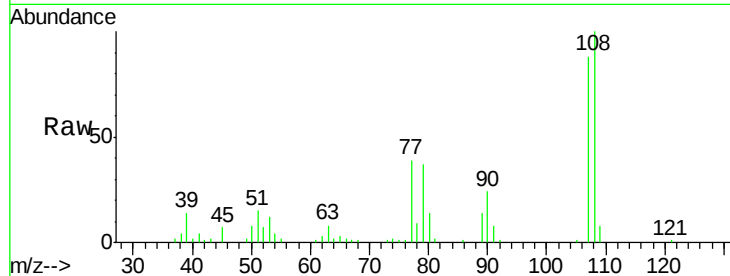
#17
2-Methylphenol
Concen: 22.07 ng
RT: 7.37 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

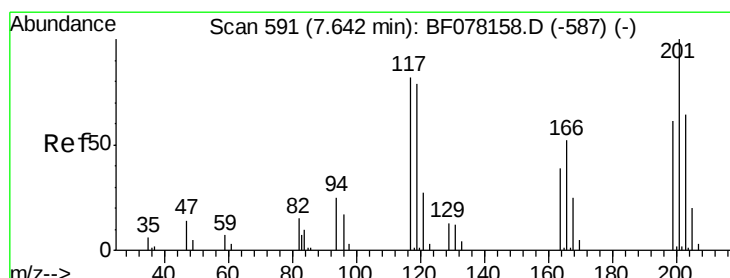
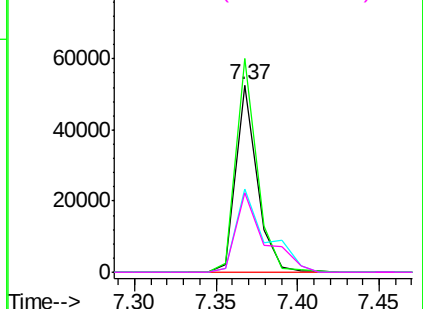
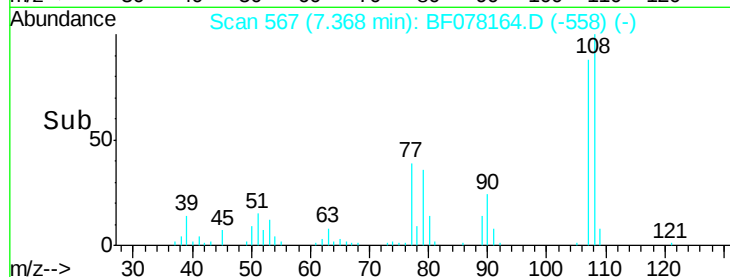
Tot Ion:	107	Resp:	47134
Ion Ratio	Lower	Upper	
107	100		
108	114.0	90.3	135.5
77	44.7	35.5	53.3
79	42.3	34.2	51.4

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM

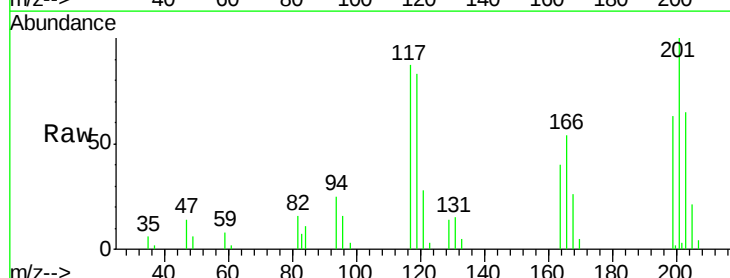


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

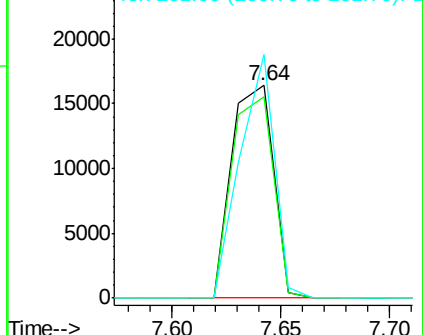
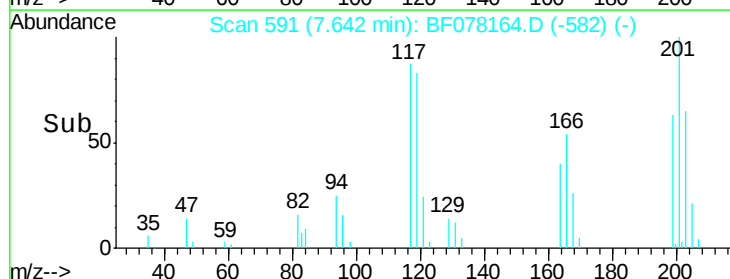


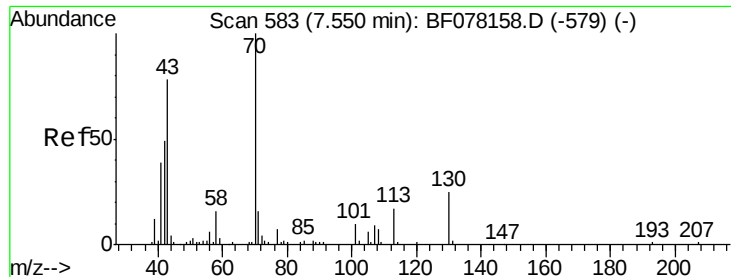
#18
Hexachloroethane
Concen: 21.29 ng
RT: 7.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Tgt Ion:	117	Resp:	21832
Ion Ratio	Lower	Upper	
117	100		
119	94.9	77.0	115.6
201	114.6	98.1	147.1



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





#19

n-Nitroso-di-n-propylamine

Concen: 20.15 ng

RT: 7.54 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2015-02

Tot Ion: 70 Resp: 38752
Ion Ratio Lower Upper

70 100

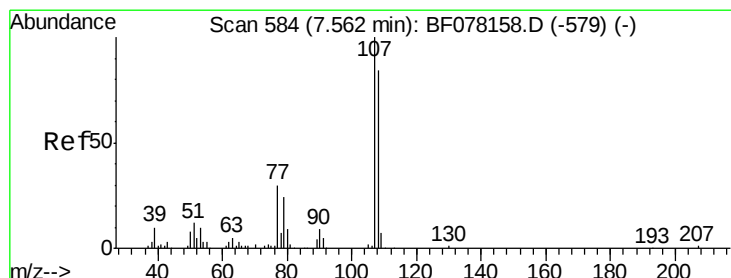
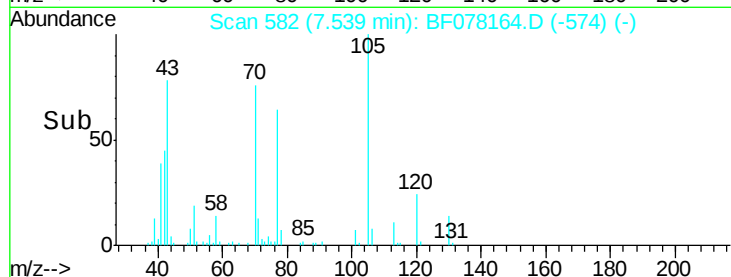
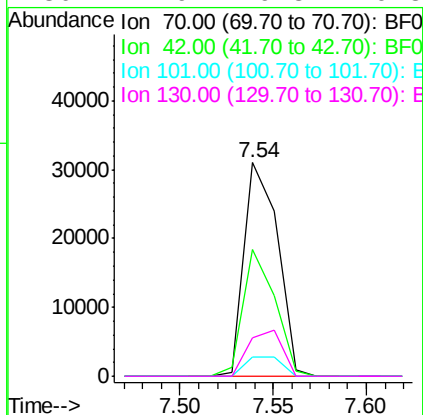
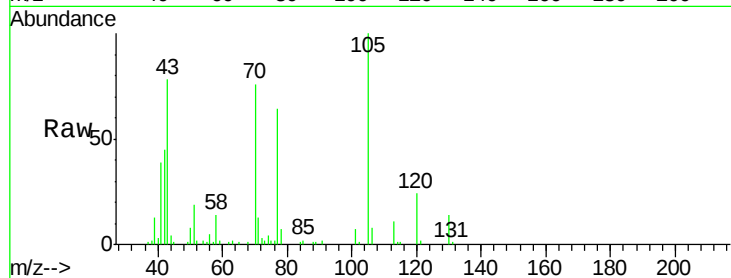
42 59.2 38.9 58.3#

101 8.7 8.3 12.5

130 17.9 19.8 29.8#

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM



#20

3+4-Methylphenols

Concen: 21.87 ng

RT: 7.56 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

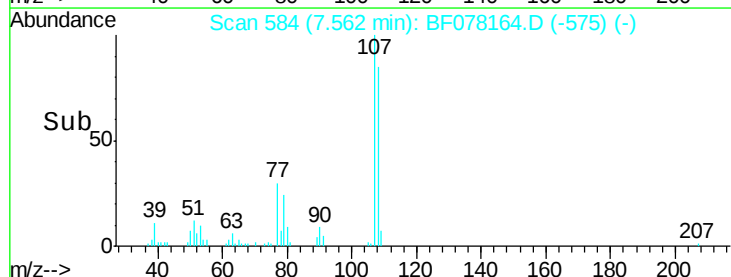
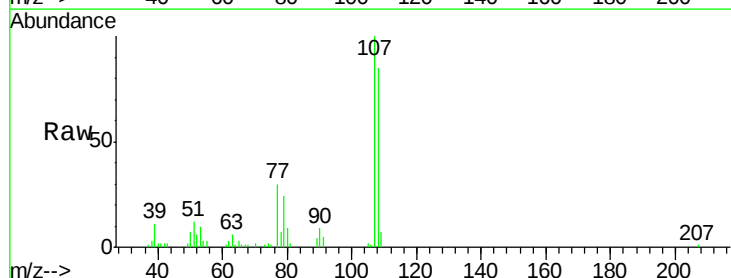
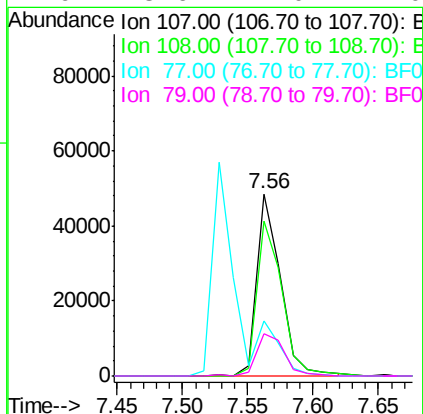
Tgt Ion:107 Resp: 62302
Ion Ratio Lower Upper

107 100

108 85.3 64.4 104.4

77 30.2 9.7 49.7

79 23.6 4.0 44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Instrument :

BNA_F

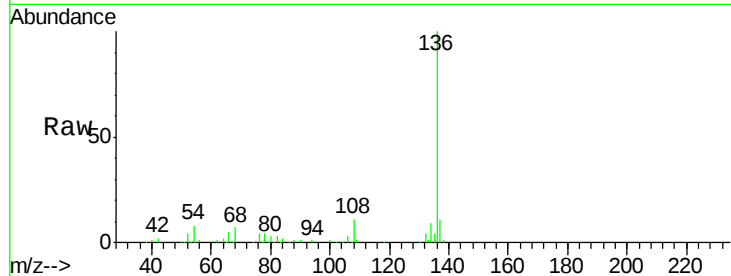
ClientSampleId :

LOQ-WATER2015-02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		153937		
137	10.9		9.0	13.4	
54	8.0		7.0	10.6	
68	6.8		5.4	8.2	

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM

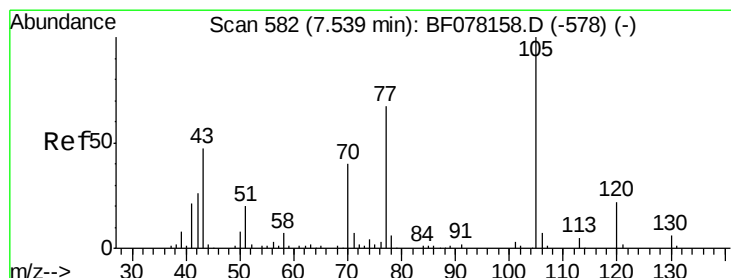
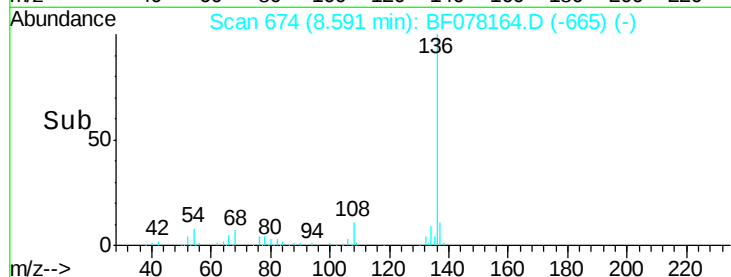
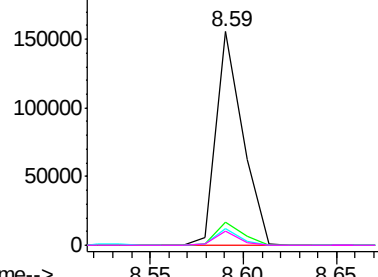


Abundance Ion 136.00 (135.70 to 136.70): E

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: 22.12 ng

RT: 7.53 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

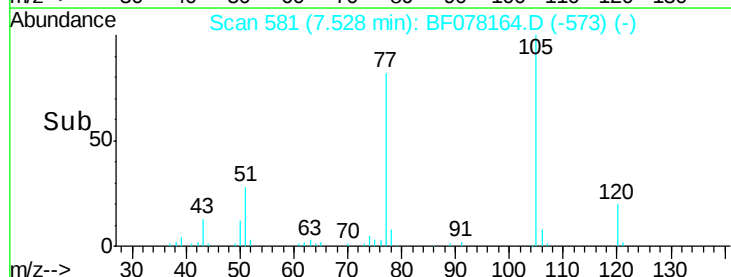
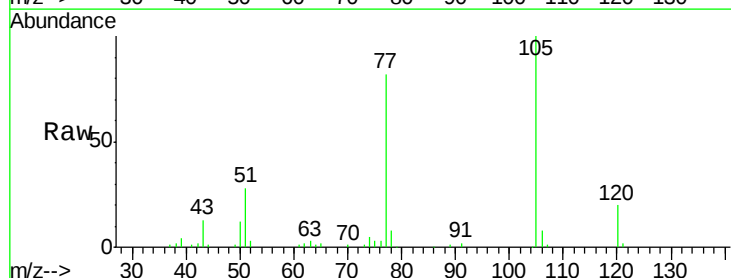
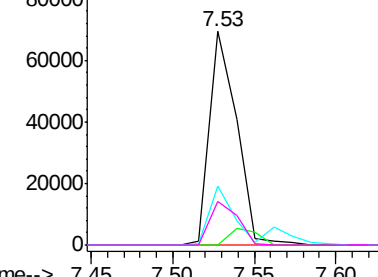
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		79322		
71	0.0		5.5	8.3#	
51	27.9		16.0	24.0#	
120	20.3		17.8	26.6	

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





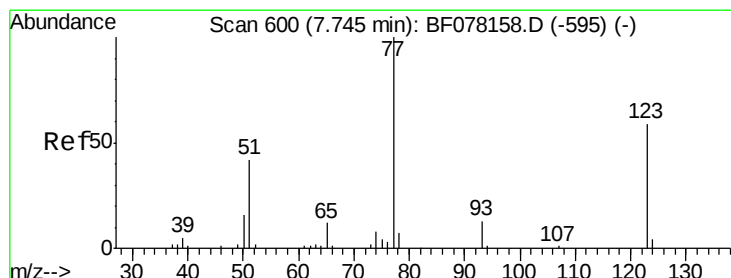
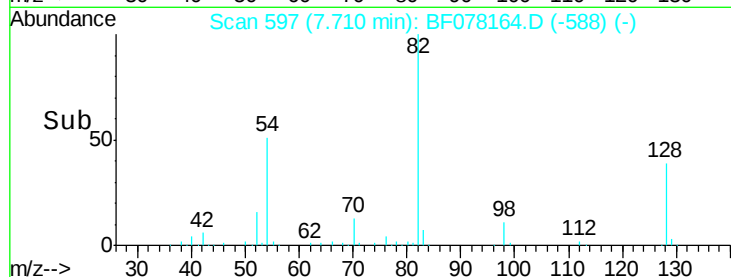
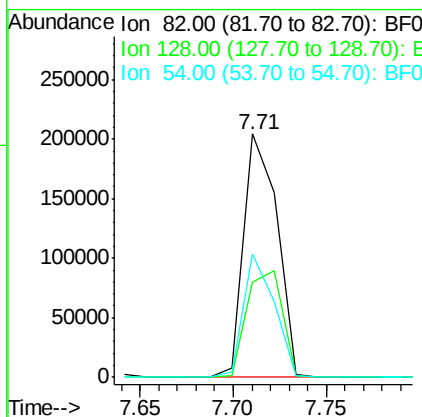
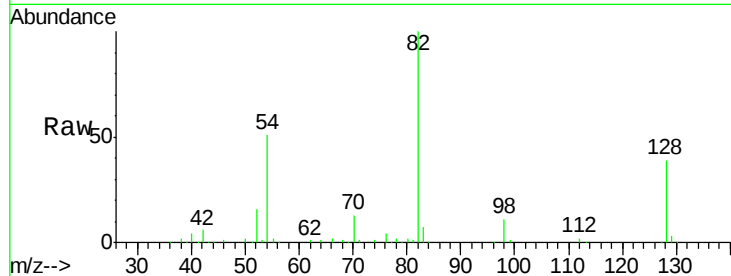
#23
 Nitrobenzene-d5
 Concen: 99.90 ng
 RT: 7.71 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Resp	Lower	Upper
82	100	253701		
128	38.9		31.8	47.8
54	50.6		41.5	62.3

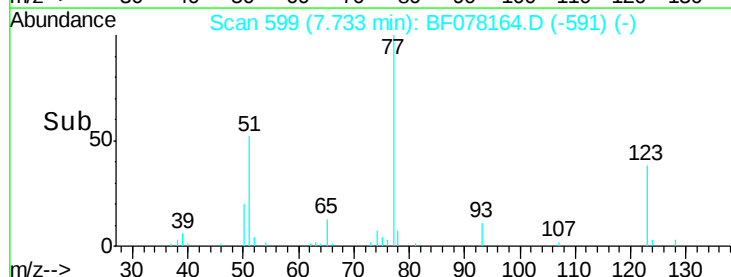
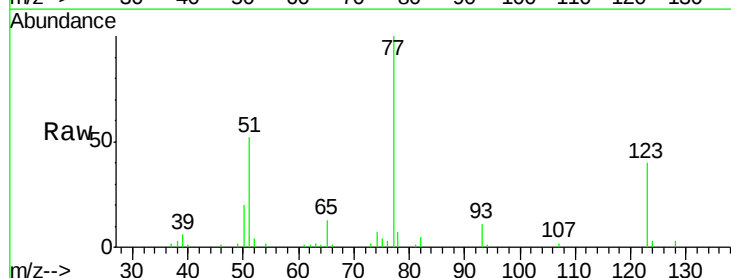
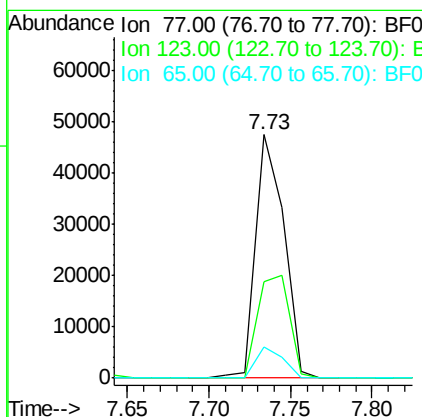
Manual Integrations
 APPROVED

apatel
 4/2/2015 5:51:03 PM



#24
 Nitrobenzene
 Concen: 21.70 ng
 RT: 7.73 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	57618		
123	39.6		46.9	70.3#
65	12.8		9.5	14.3





#25

Isophorone

Concen: 21.82 ng

RT: 8.04 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Instrument :

BNA_F

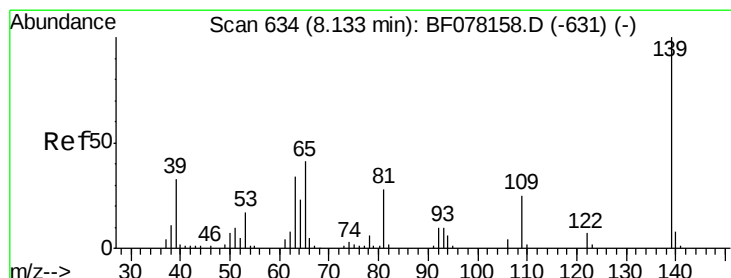
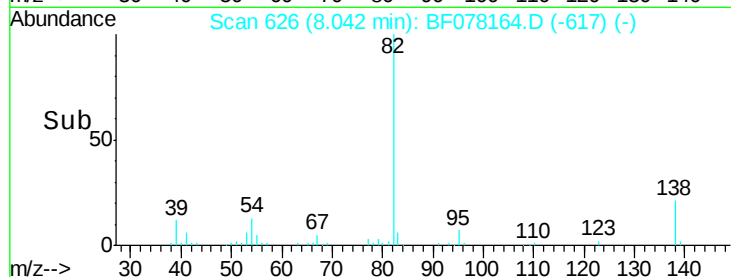
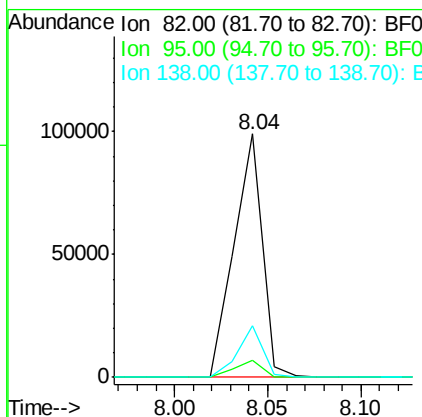
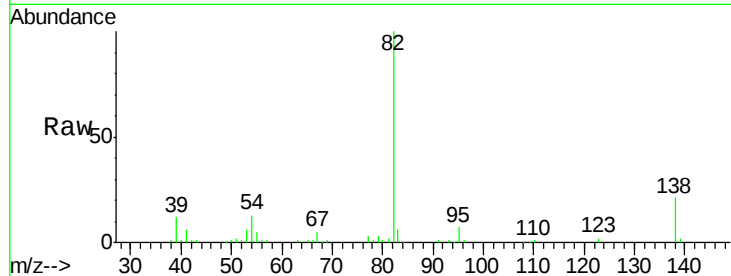
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	82	Resp:	105182
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.7	8.5
138	21.3	15.8	23.8

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM



#26

2-Nitrophenol

Concen: 22.51 ng

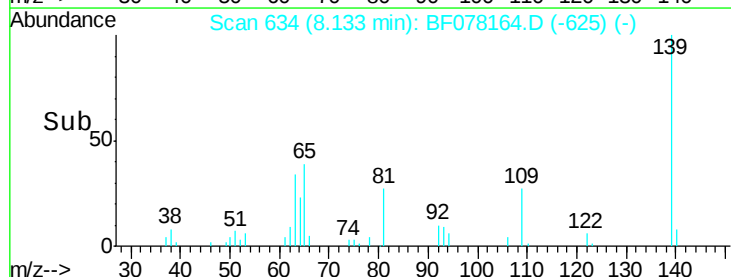
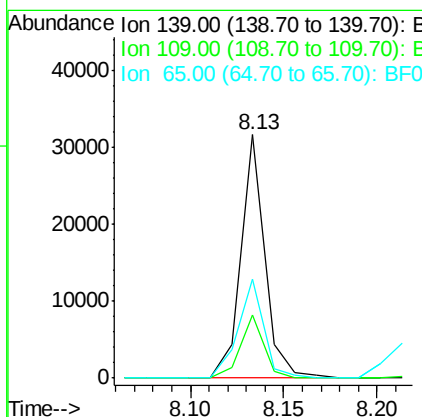
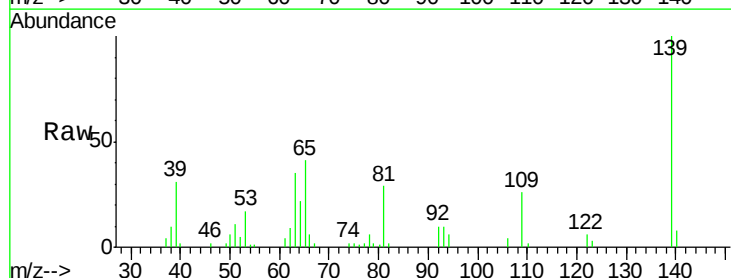
RT: 8.13 min Scan# 634

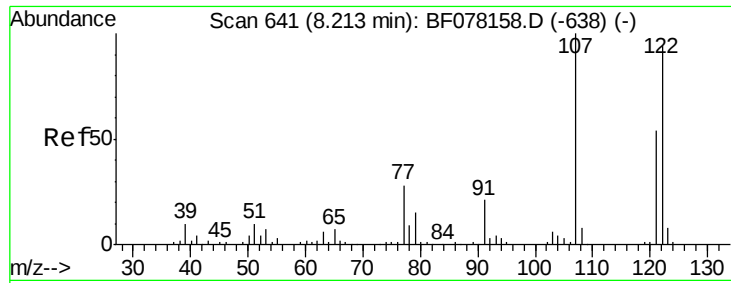
Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Tgt Ion:	139	Resp:	28478
Ion Ratio		Lower	Upper
139	100		
109	26.0	19.8	29.8
65	40.9	32.7	49.1





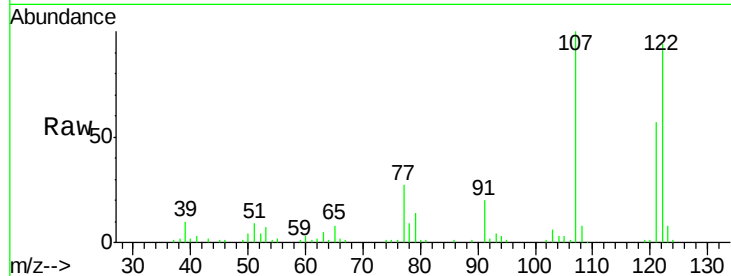
#27
 2,4-Dimethylphenol
 Concen: 21.49 ng
 RT: 8.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2015-02

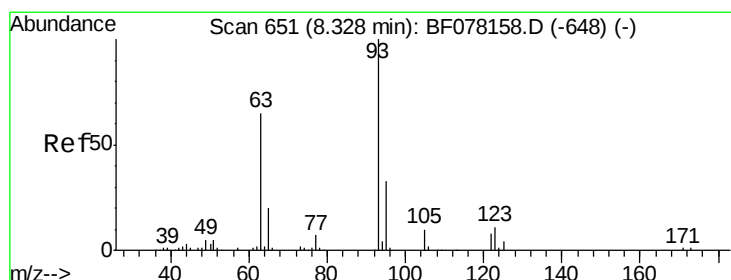
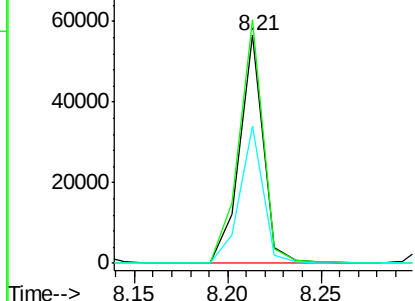
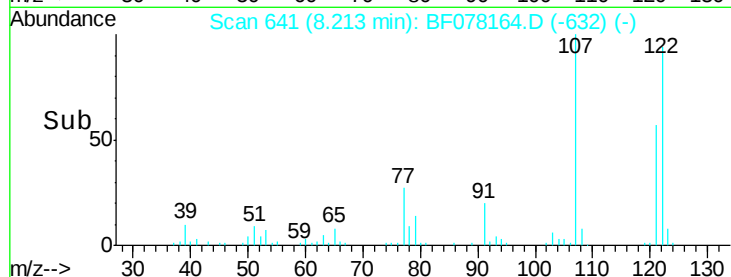
Tot Ion	Ratio	Lower	Upper
122	100		
107	106.8	84.6	127.0
121	60.4	46.0	69.0

Manual Integrations
 APPROVED

apatel
 4/2/2015 5:51:03 PM

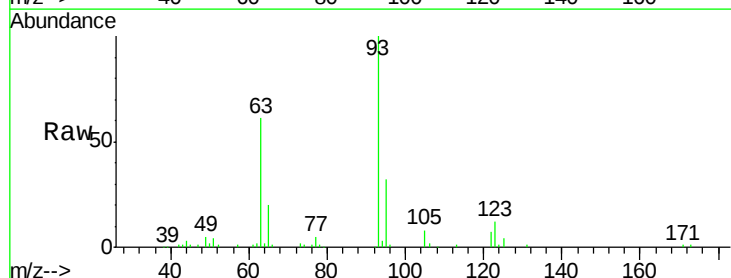


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

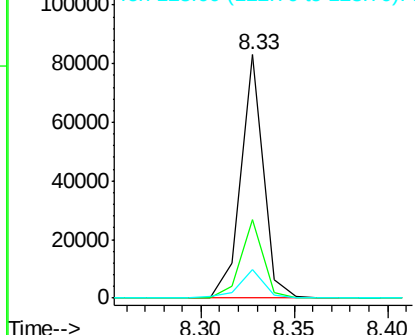
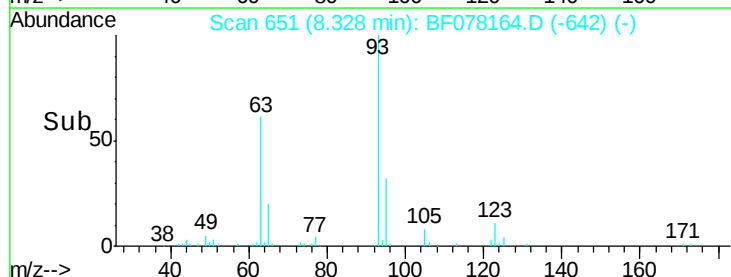


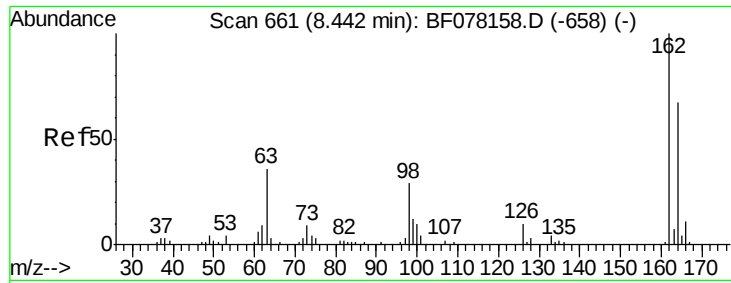
#28
 bis(2-Chloroethoxy)methane
 Concen: 22.63 ng
 RT: 8.33 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.3	39.5
123	11.6	9.1	13.7



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





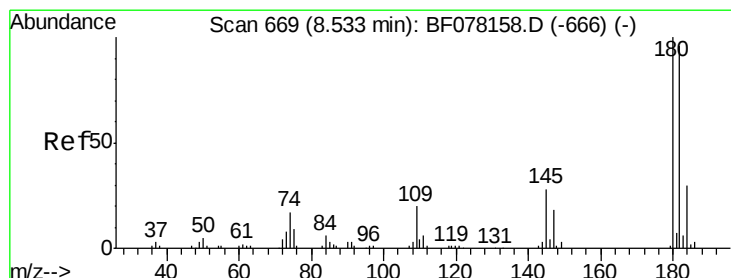
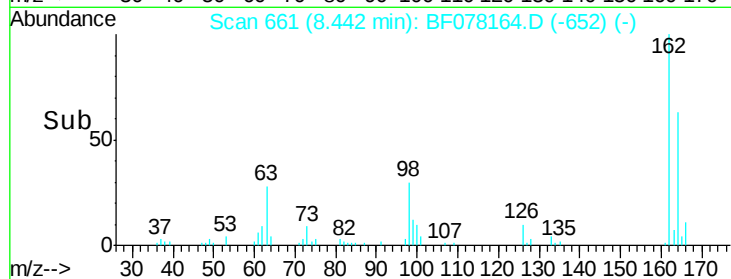
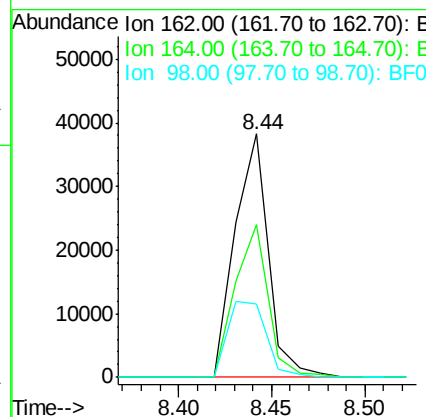
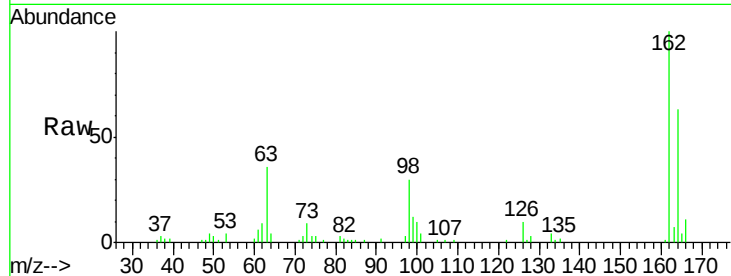
#29
 2,4-Dichlorophenol
 Concen: 22.36 ng
 RT: 8.44 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Resp	Lower	Upper
162	100	47859		
164	62.7	47.0	87.0	
98	30.1	9.2	49.2	

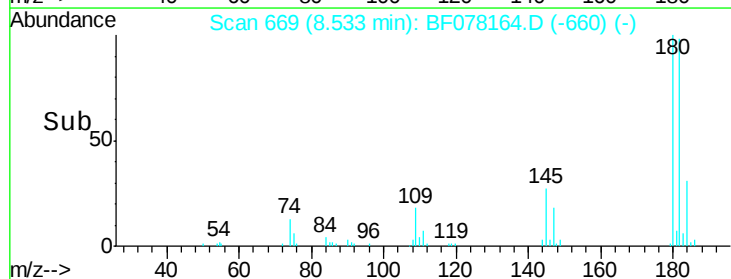
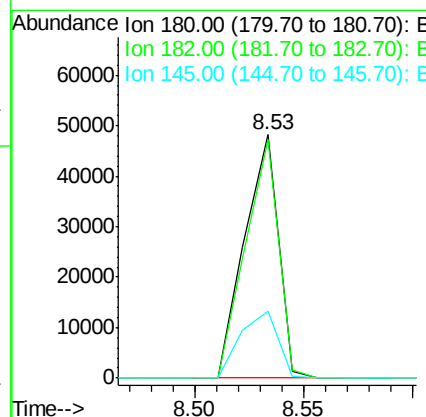
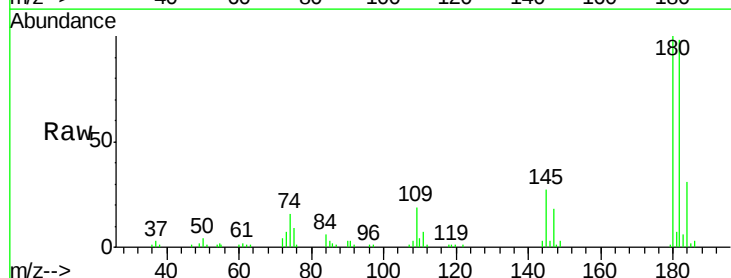
Manual Integrations
 APPROVED

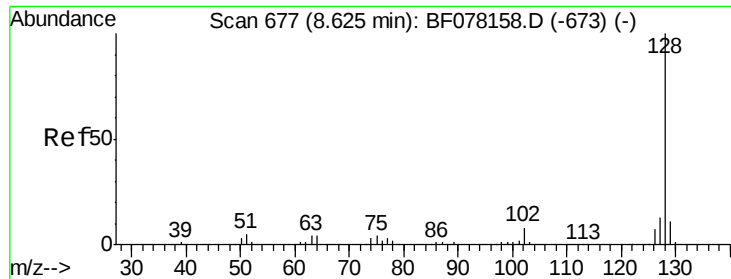
apatel
 4/2/2015 5:51:03 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 21.10 ng
 RT: 8.53 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	51775		
182	98.0	76.9	115.3	
145	27.5	22.5	33.7	





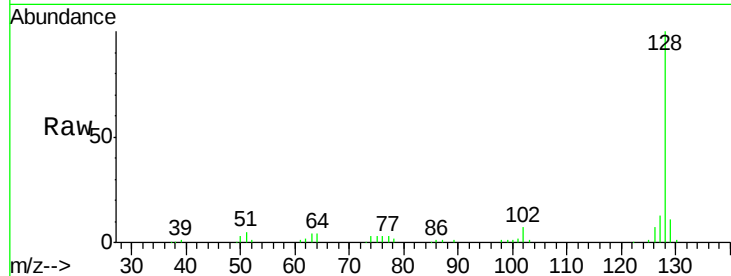
#31
Naphthalene
Concen: 21.30 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

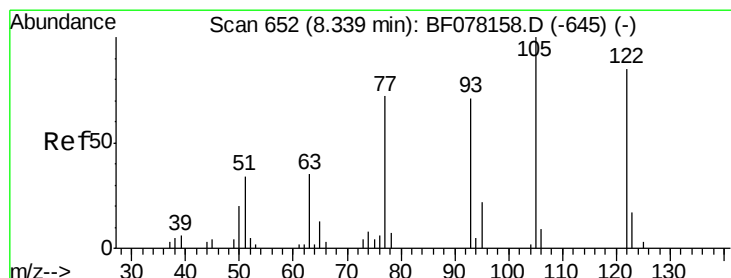
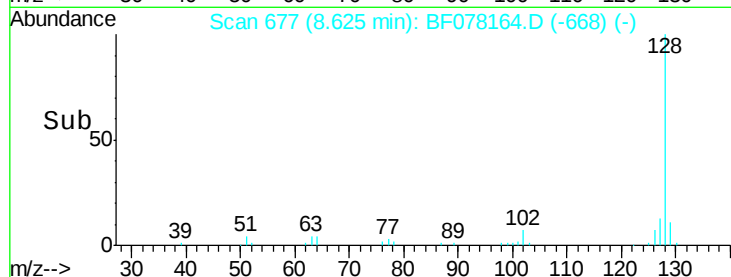
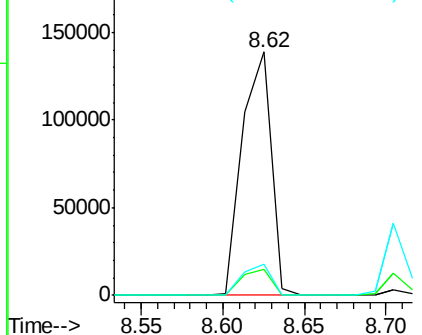
Tot Ion	Ratio	Resp	Lower	Upper
128	100	170683		
129	10.6		8.6	12.8
127	12.5		10.7	16.1

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM



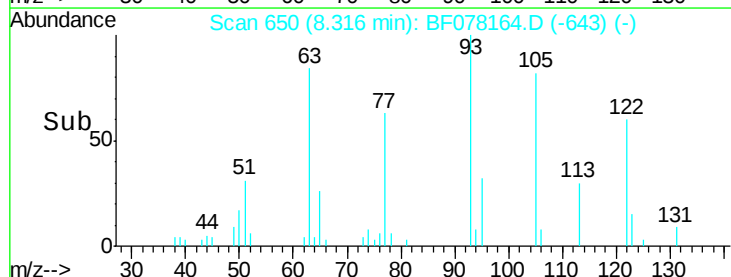
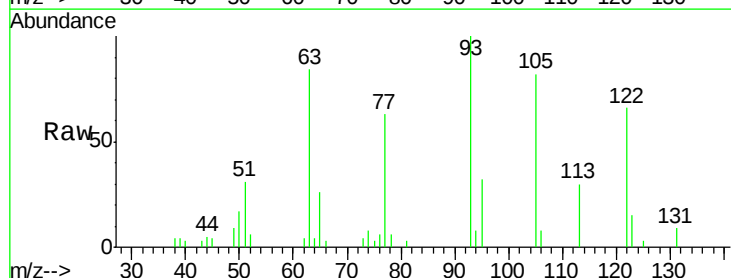
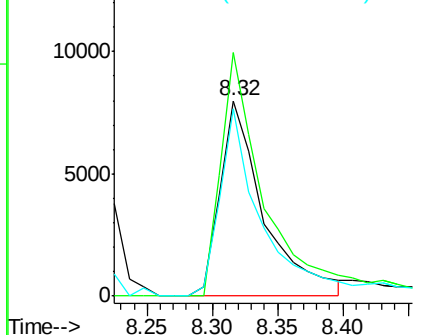
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 20.66 ng
RT: 8.32 min Scan# 650
Delta R.T. -0.02 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	18706		
105	124.7		96.1	136.1
77	96.0		64.1	104.1

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





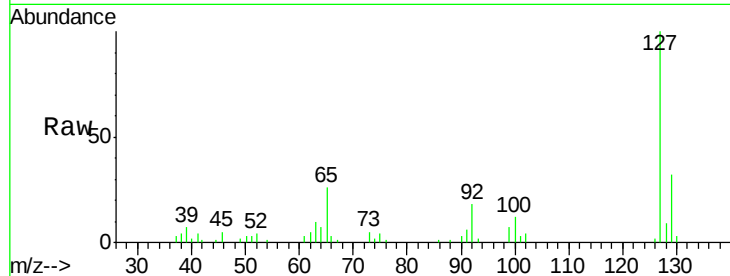
#33
 4-Chloroaniline
 Concen: 11.51 ng
 RT: 8.70 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2015-02

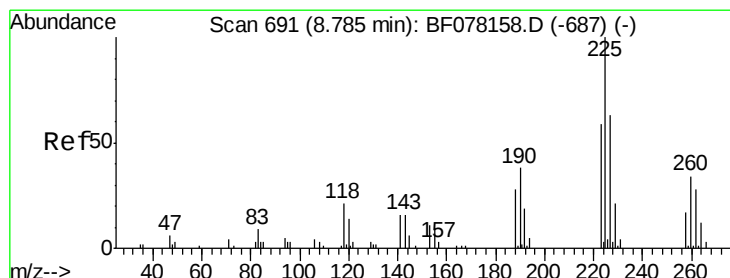
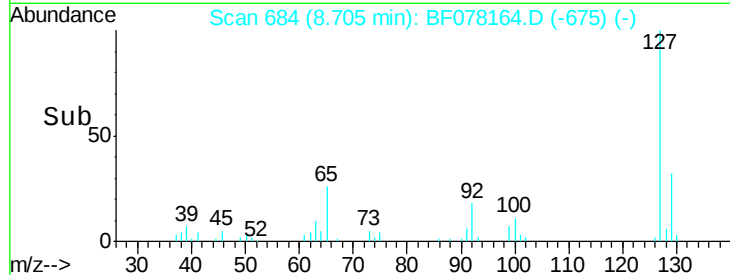
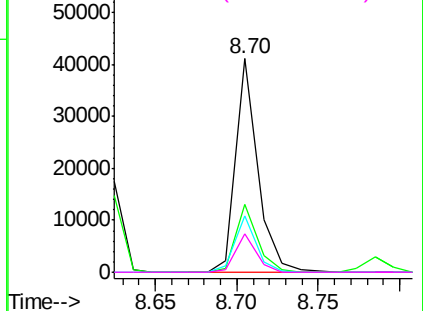
Tot Ion:	127	Resp:	38274
Ion Ratio	Lower	Upper	
127	100		
129	31.6	25.5	38.3
65	26.5	21.7	32.5
92	17.9	14.6	21.8

Manual Integrations
 APPROVED

apatel
 4/2/2015 5:51:03 PM

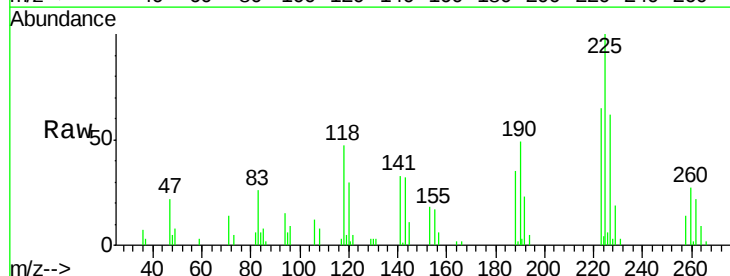


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

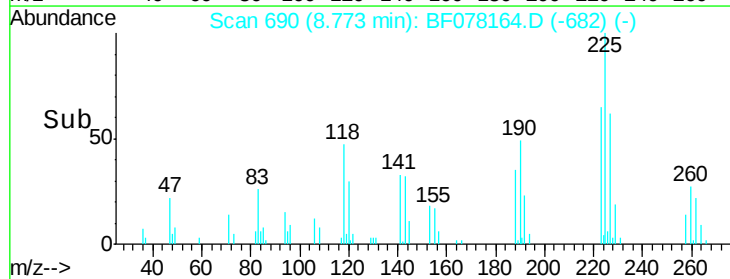
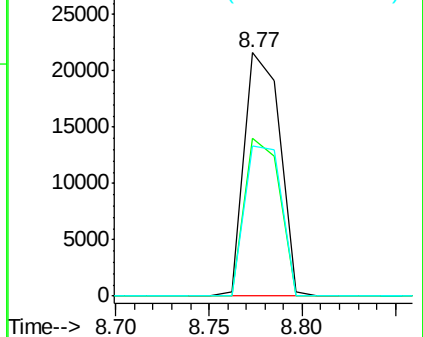


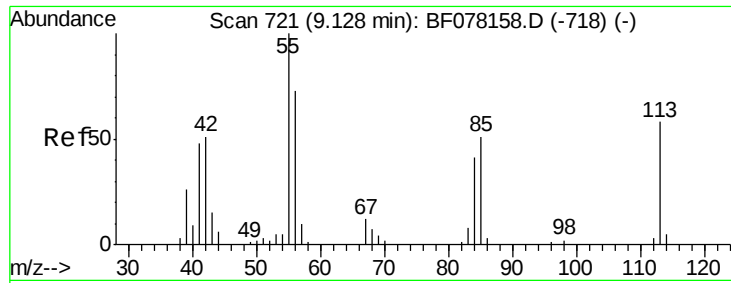
#34
 Hexachlorobutadiene
 Concen: 21.15 ng
 RT: 8.77 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Tgt Ion:	225	Resp:	28501
Ion Ratio	Lower	Upper	
225	100		
223	65.0	47.5	71.3
227	61.7	50.2	75.2



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





#35

Caprolactam

Concen: 21.70 ng

RT: 9.12 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Instrument :

BNA_F

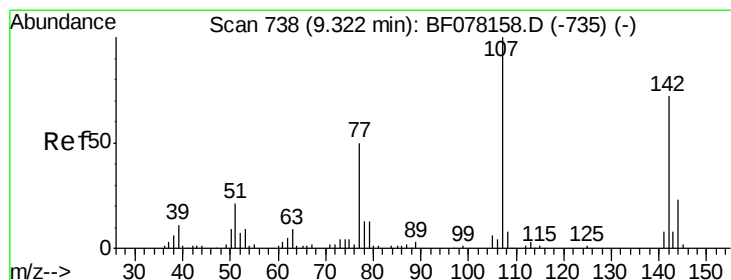
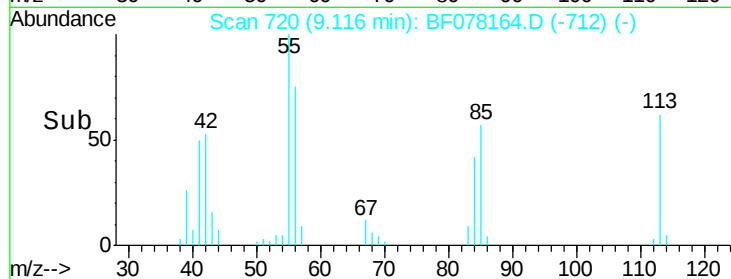
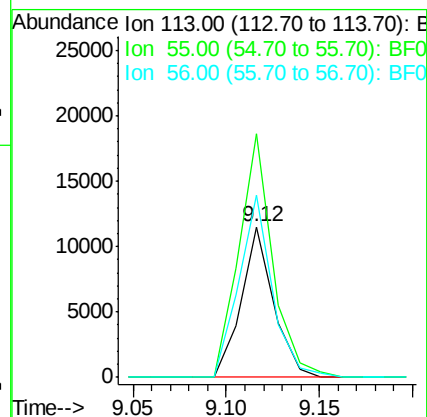
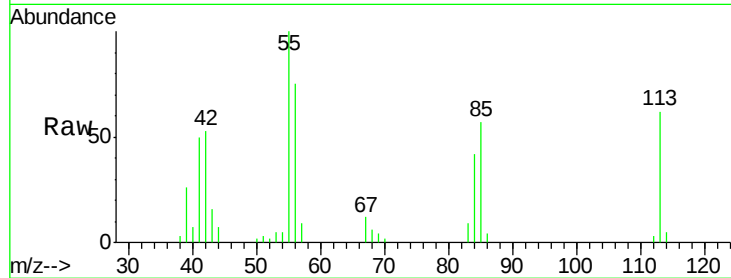
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	113	Resp:	13867
Ion	Ratio	Lower	Upper
113	100		
55	161.5	151.9	191.9
56	121.1	106.1	146.1

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM



#36

4-Chloro-3-methylphenol

Concen: 23.57 ng

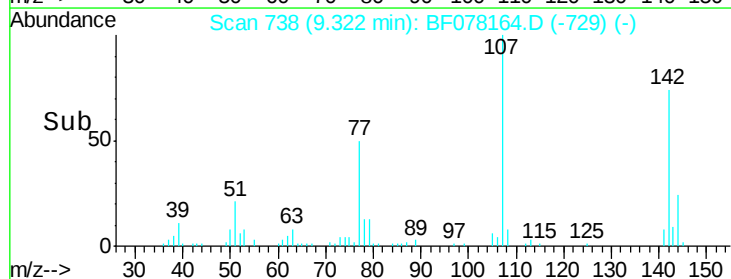
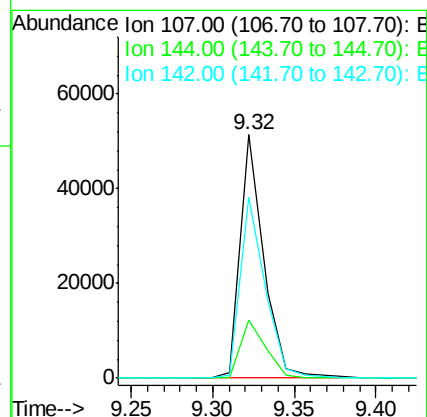
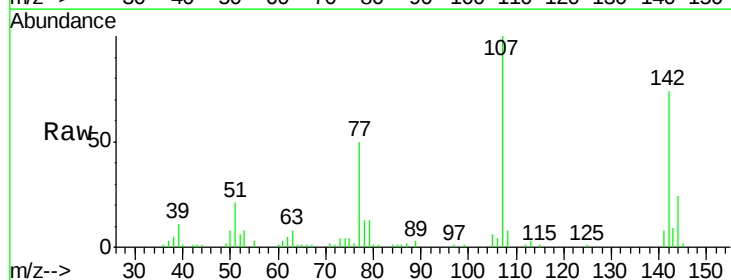
RT: 9.32 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Tgt Ion:	107	Resp:	50894
Ion	Ratio	Lower	Upper
107	100		
144	23.8	18.2	27.2
142	74.3	58.0	87.0





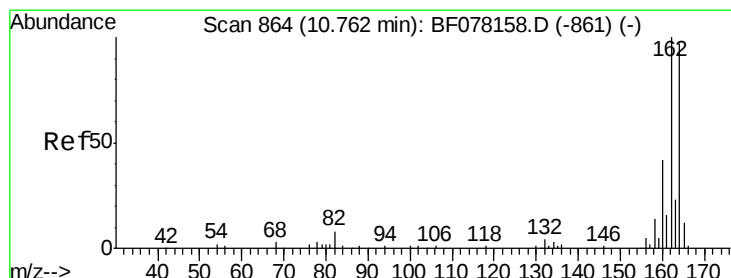
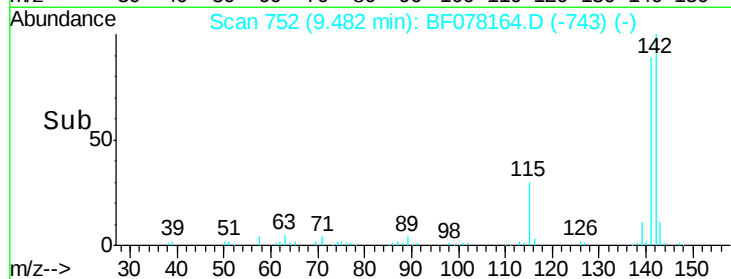
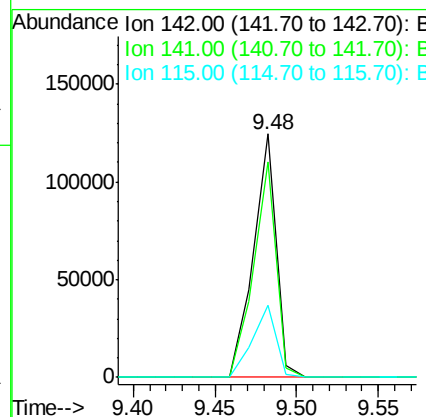
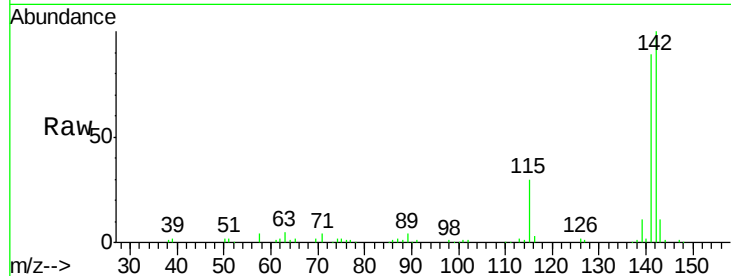
#37
2-Methylnaphthalene
Concen: 22.21 ng
RT: 9.48 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	29.7	24.6	37.0

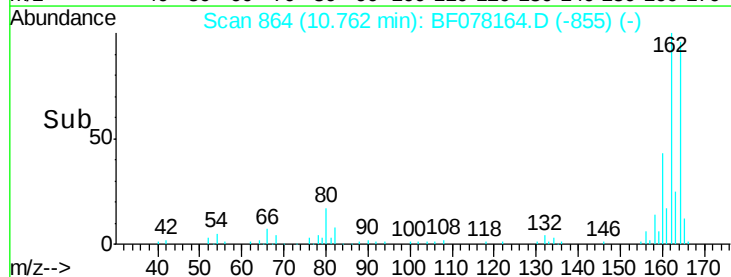
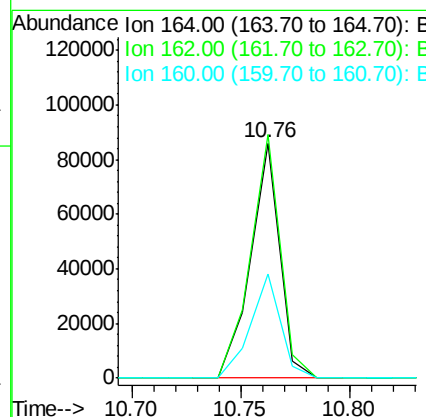
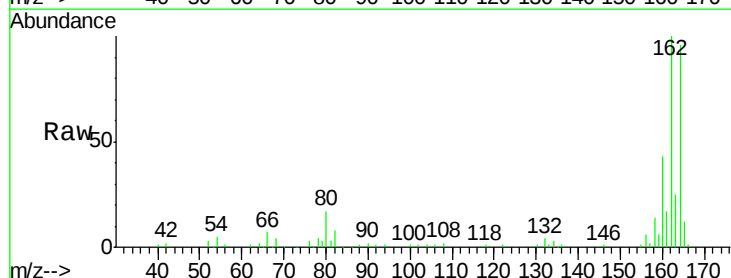
Manual Integrations
APPROVED

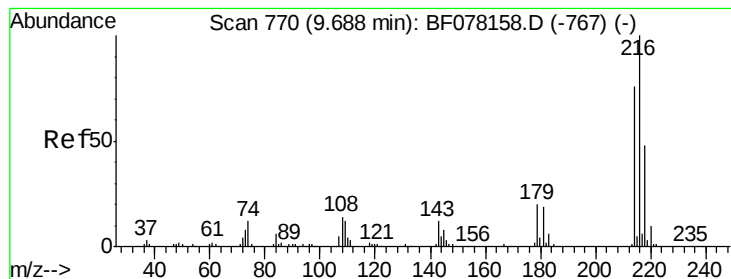
apatel
4/2/2015 5:51:03 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.76 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.2	123.2
160	44.4	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 20.93 ng

RT: 9.69 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Instrument :

BNA_F

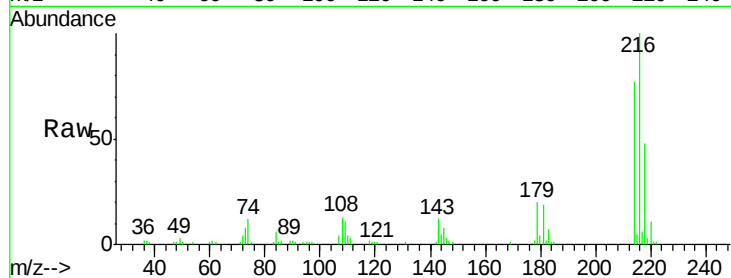
ClientSampleId :

LOQ-WATER2015-02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		51802		
214	77.7		62.0	93.0	
179	21.3		17.3	25.9	
108	18.3		14.6	21.8	

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM

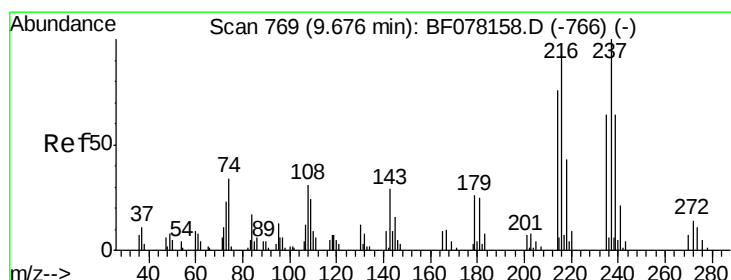
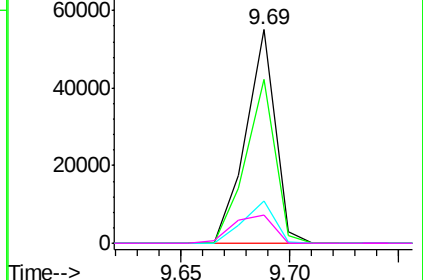
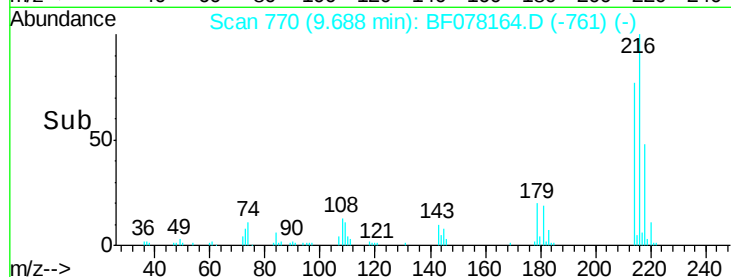


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 22.71 ng

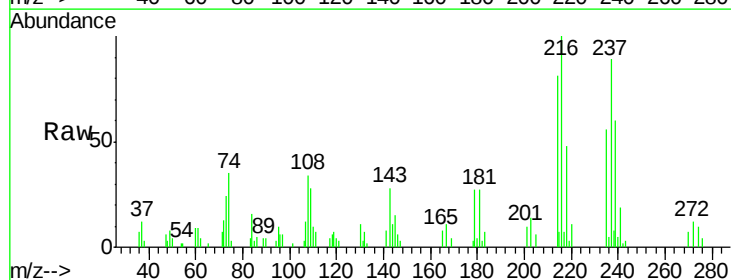
RT: 9.68 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

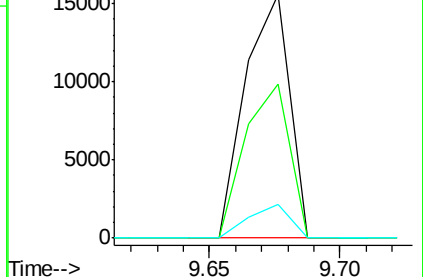
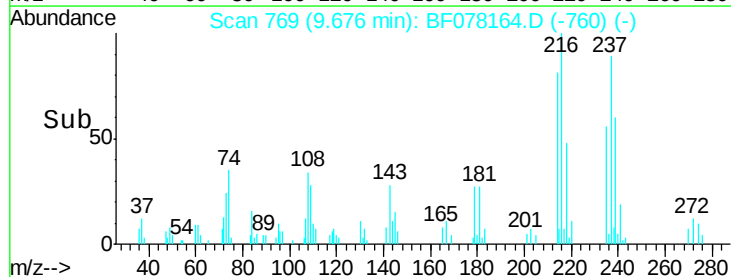
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		18517		
235	63.2		44.1	84.1	
272	14.0		0.0	34.4	

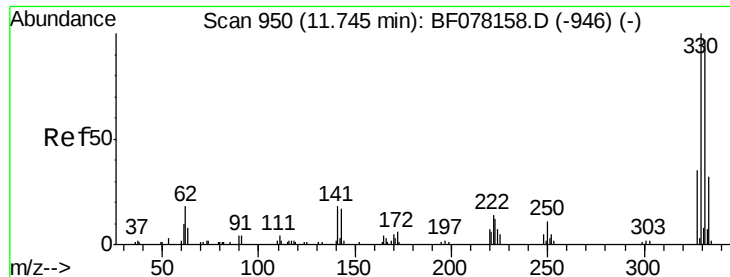


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





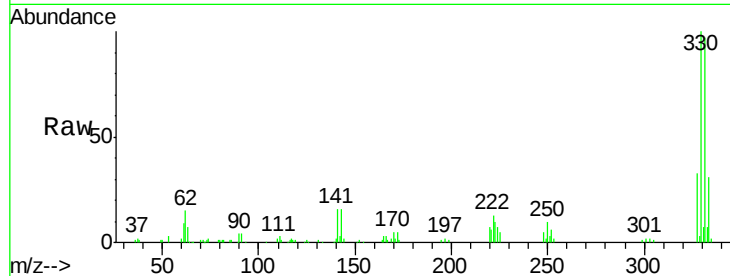
#41
 2,4,6-Tribromophenol
 Concen: 166.82 ng
 RT: 11.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2015-02

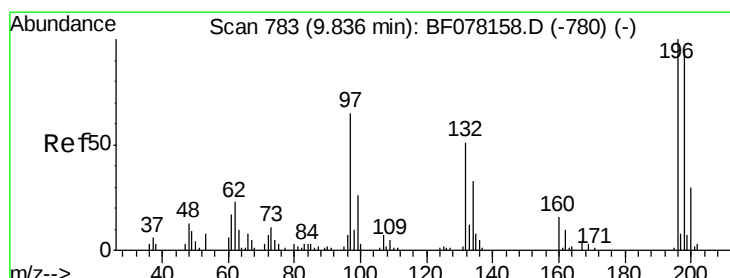
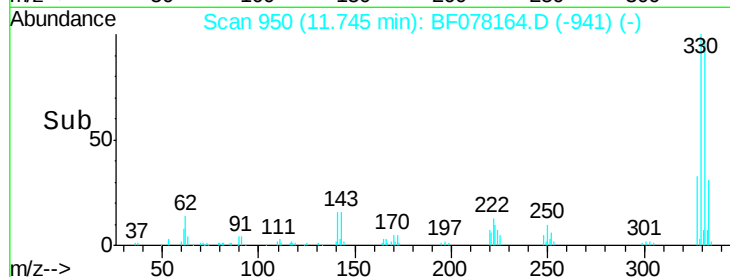
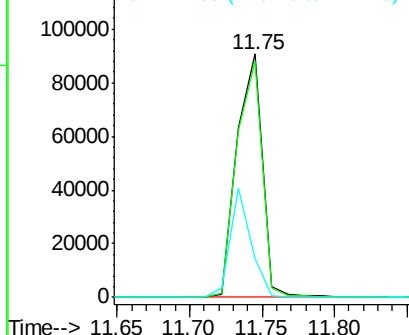
Tot Ion	Ratio	Resp	Lower	Upper
330	100	110518		
332	97.2	78.6	117.8	
141	36.8	31.2	46.8	

Manual Integrations
 APPROVED

apatel
 4/2/2015 5:51:03 PM



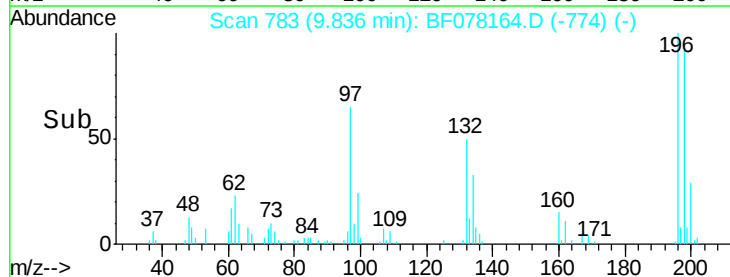
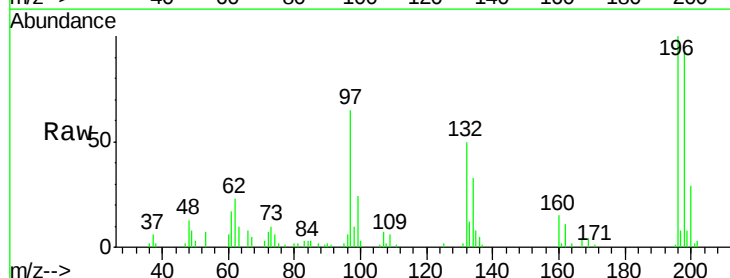
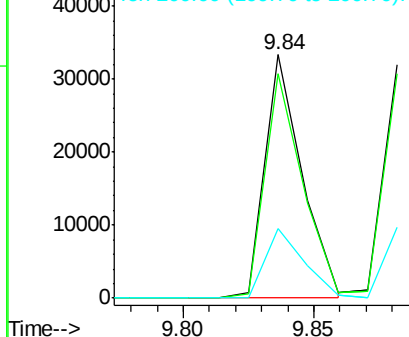
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

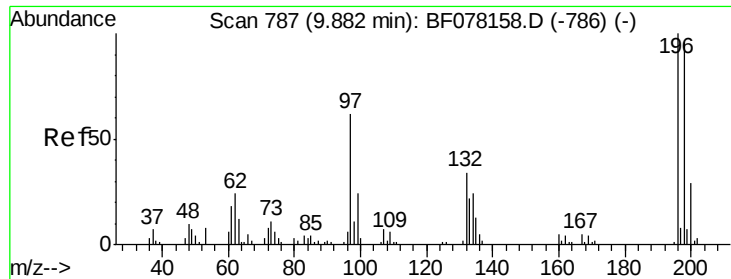


#42
 2,4,6-Trichlorophenol
 Concen: 21.25 ng
 RT: 9.84 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	33167		
198	92.3	75.4	113.2	
200	28.5	24.0	36.0	

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





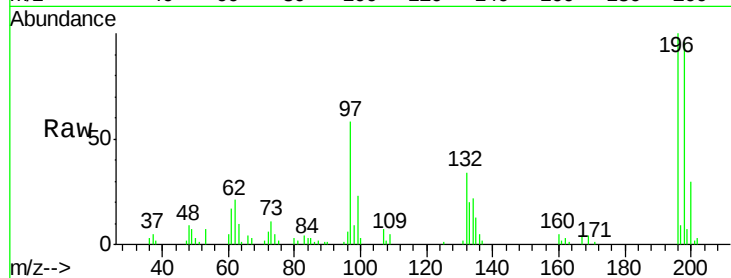
#43
 2,4,5-Trichlorophenol
 Concen: 22.17 ng
 RT: 9.88 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		36159		
198	96.3		76.6	115.0	
97	58.4		50.6	75.8	
132	34.2		27.7	41.5	

Manual Integrations
 APPROVED

apatel
 4/2/2015 5:51:03 PM



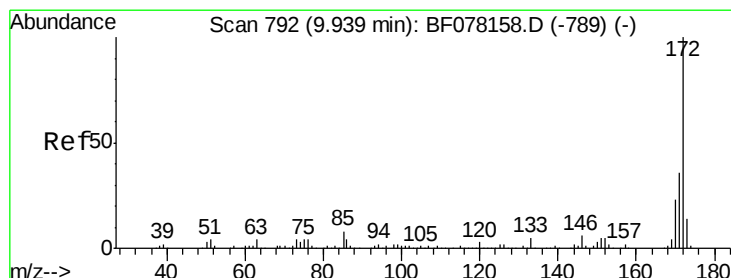
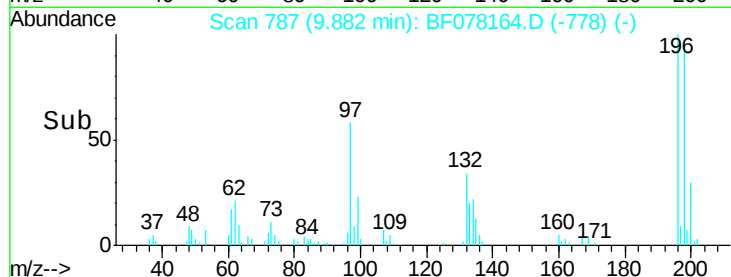
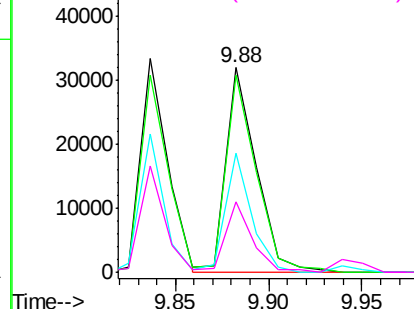
Abundance

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: 96.59 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

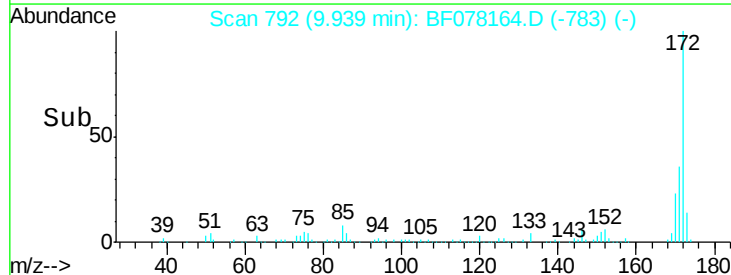
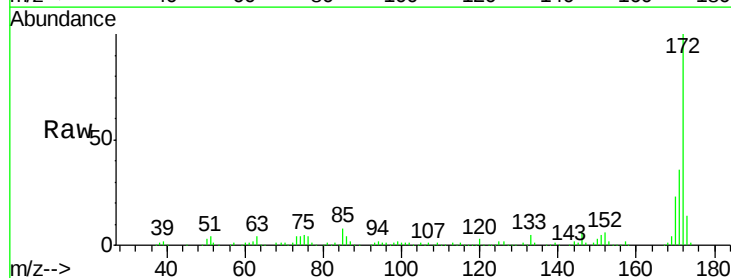
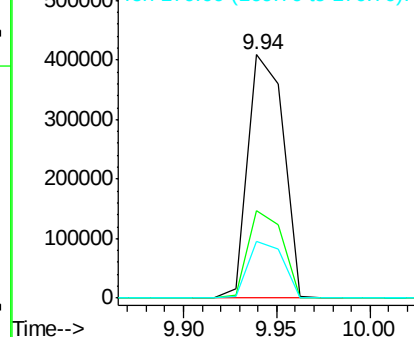
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		539785		
171	35.7		28.6	42.8	
170	23.4		18.5	27.7	

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: 22.43 ng

RT: 10.07 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Instrument :

BNA_F

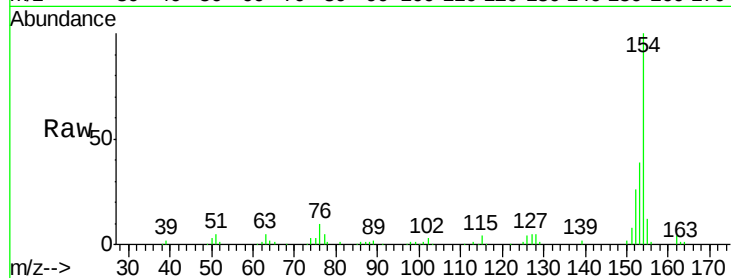
ClientSampleId :

LOQ-WATER2015-02

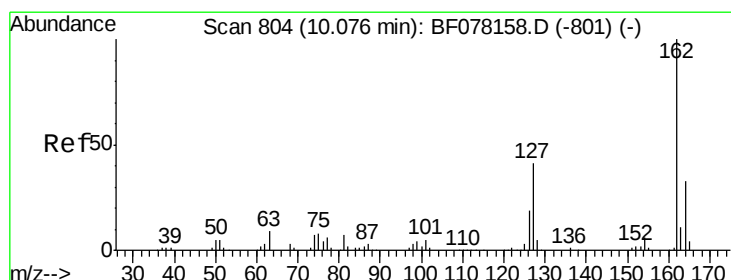
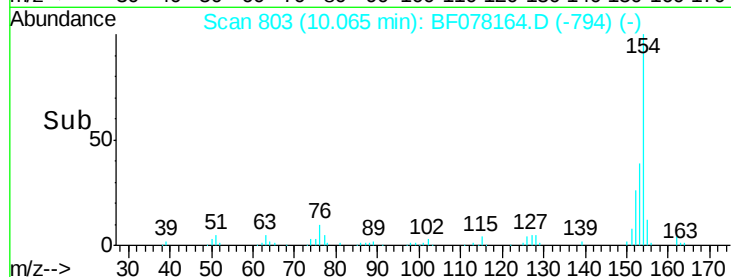
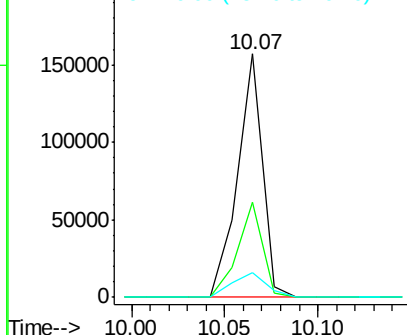
Tot Ion:	154	Resp:	146551
Ion Ratio	Lower	Upper	
154	100		
153	39.0	20.0	60.0
76	10.2	0.0	30.6

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM



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



#46

2-Chloronaphthalene

Concen: 21.65 ng

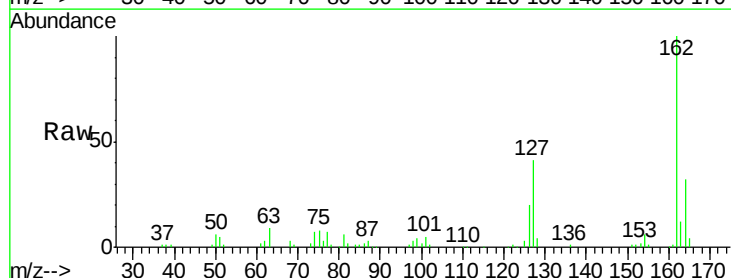
RT: 10.08 min Scan# 804

Delta R.T. 0.00 min

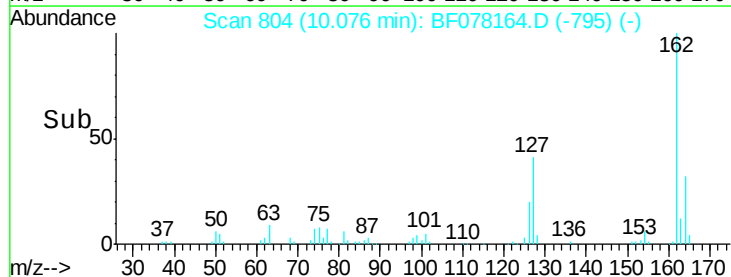
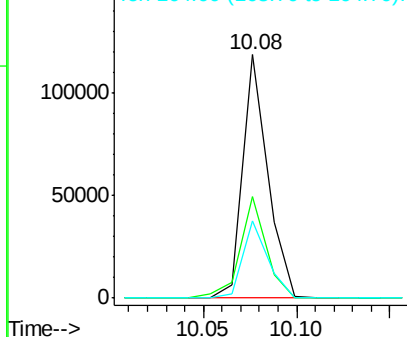
Lab File: BF078164.D

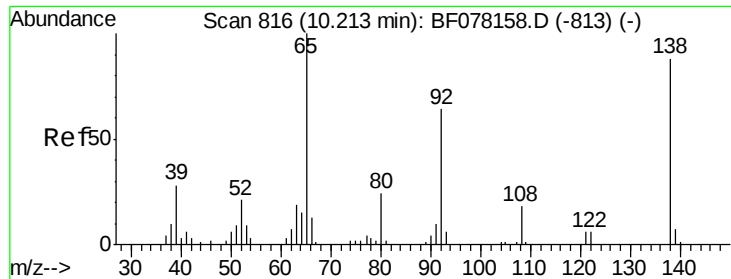
Acq: 1 Apr 2015 21:00

Tgt Ion:	162	Resp:	111312
Ion Ratio	Lower	Upper	
162	100		
127	41.5	32.6	49.0
164	31.9	26.0	39.0



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





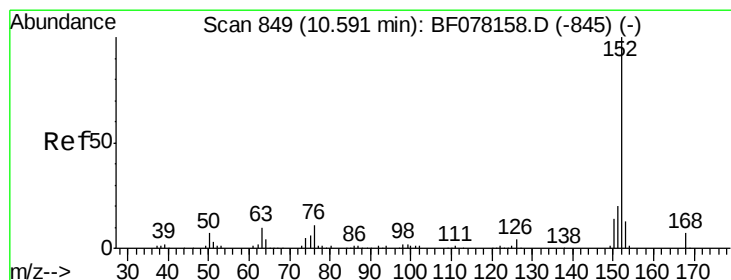
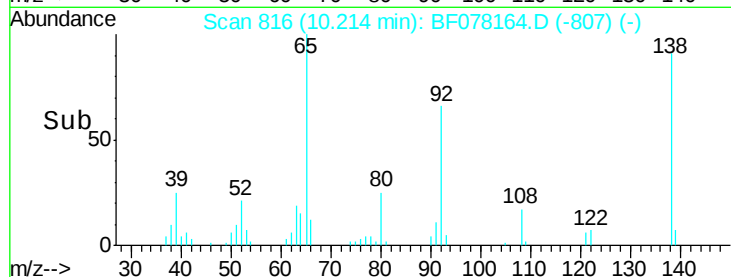
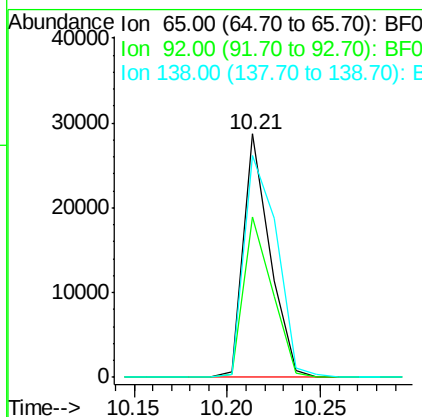
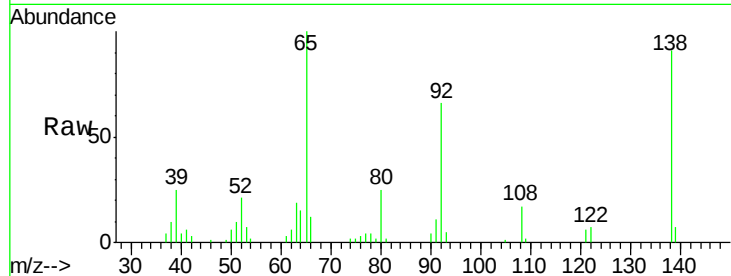
#47
2-Nitroaniline
Concen: 22.37 ng
RT: 10.21 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.1	51.3	76.9
138	91.3	70.4	105.6

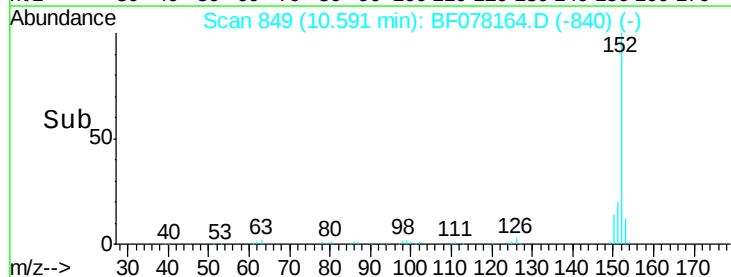
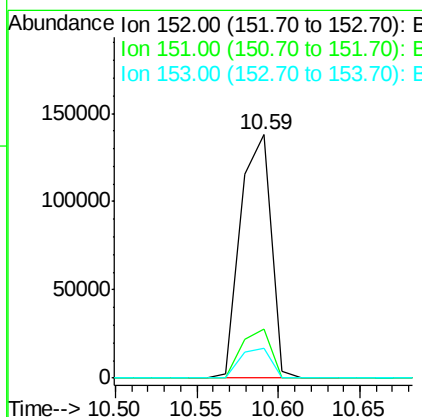
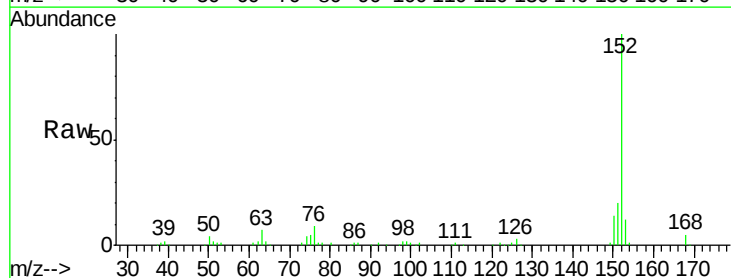
Manual Integrations
APPROVED

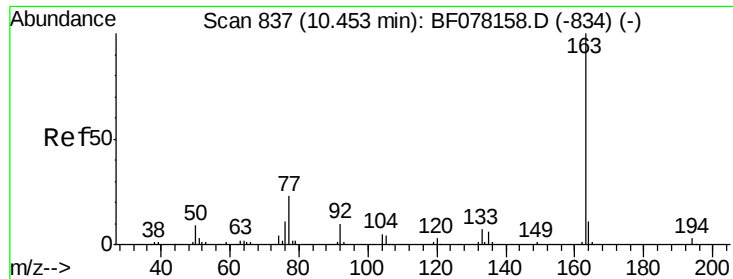
apatel
4/2/2015 5:51:03 PM



#48
Acenaphthylene
Concen: 21.46 ng
RT: 10.59 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	12.3	10.2	15.2





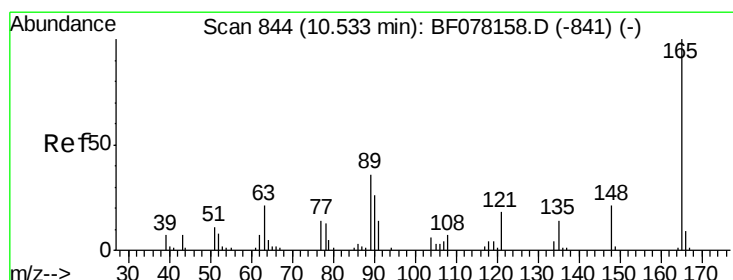
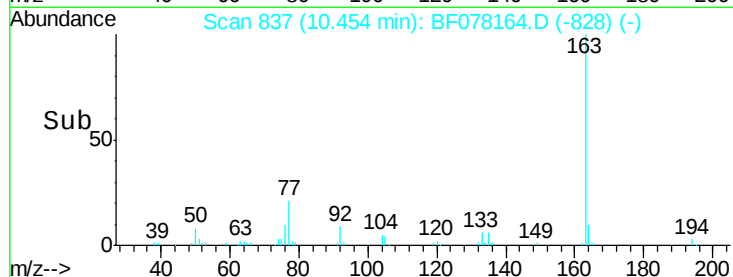
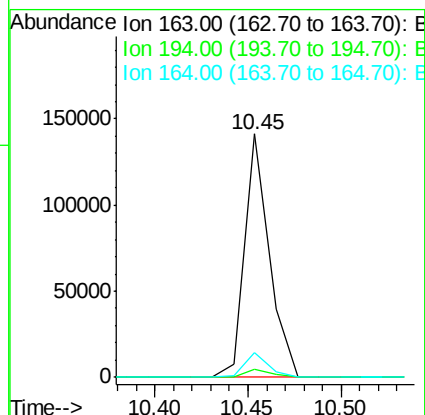
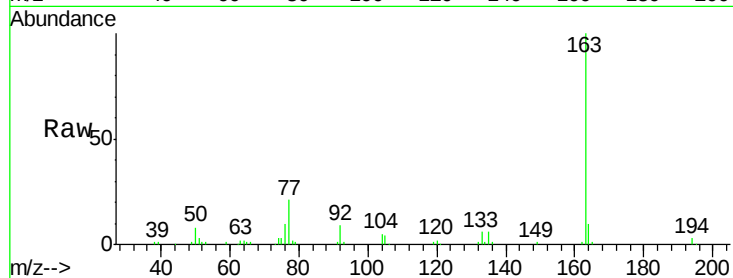
#49
Dimethylphthalate
Concen: 21.60 ng
RT: 10.45 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Resp	Lower	Upper
163	100	129608		
194	3.4	2.3	3.5	
164	10.4	8.6	13.0	

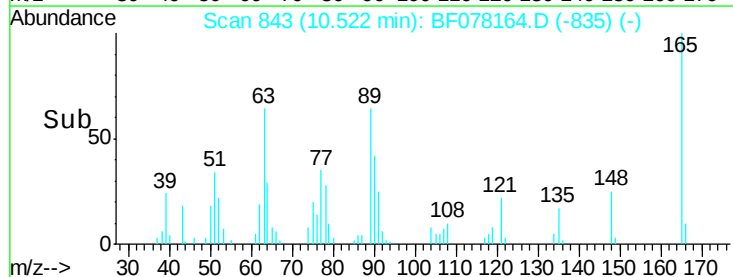
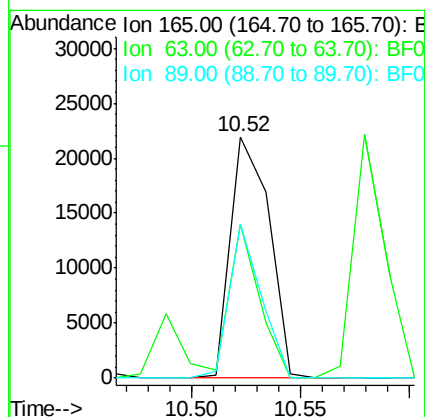
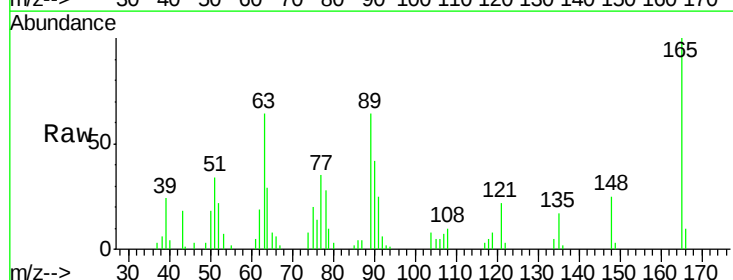
Manual Integrations
APPROVED

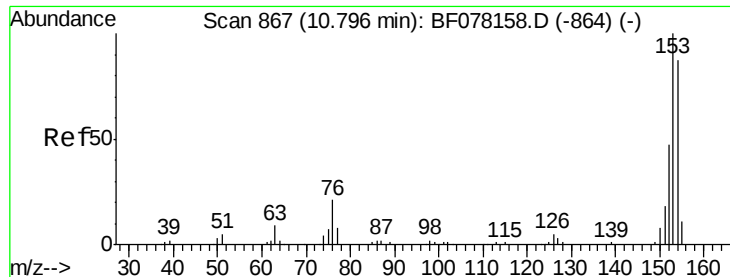
apatel
4/2/2015 5:51:03 PM



#50
2,6-Dinitrotoluene
Concen: 21.97 ng
RT: 10.52 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	27130		
63	63.5	24.1	36.1#	
89	63.7	28.9	43.3#	





#51

Acenaphthene

Concen: 21.60 ng

RT: 10.80 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Instrument :

BNA_F

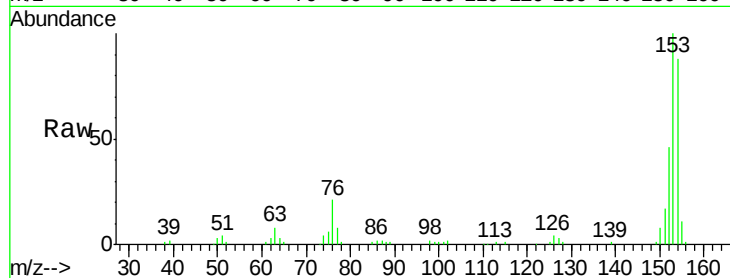
ClientSampleId :

LOQ-WATER2015-02

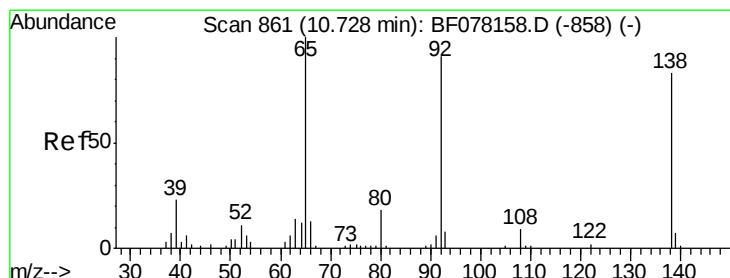
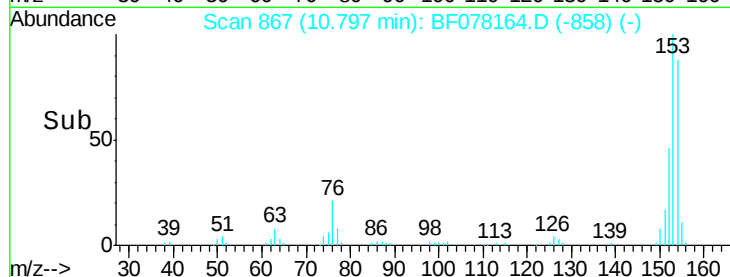
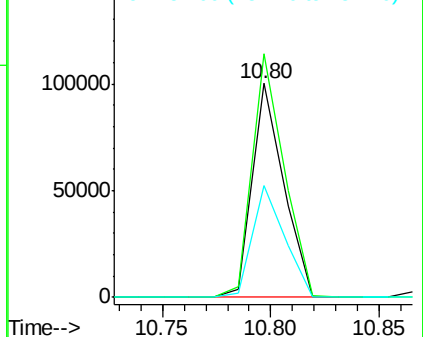
Tot Ion:	154	Resp:	100944
Ion Ratio	Lower	Upper	
154	100		
153	114.0	91.4	137.2
152	52.6	43.0	64.6

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM



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



#52

3-Nitroaniline

Concen: 18.21 ng

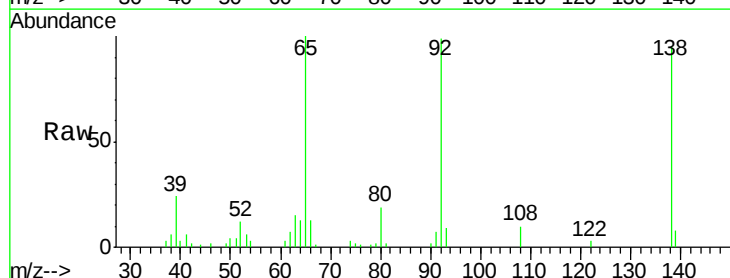
RT: 10.73 min Scan# 861

Delta R.T. 0.00 min

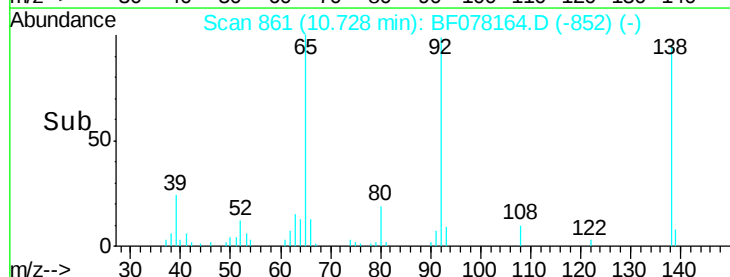
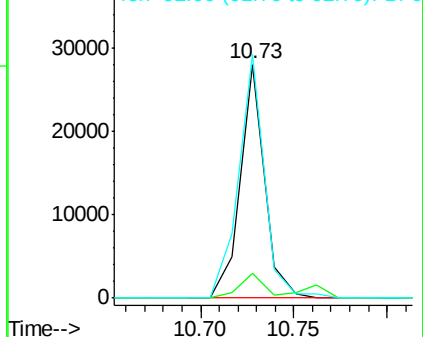
Lab File: BF078164.D

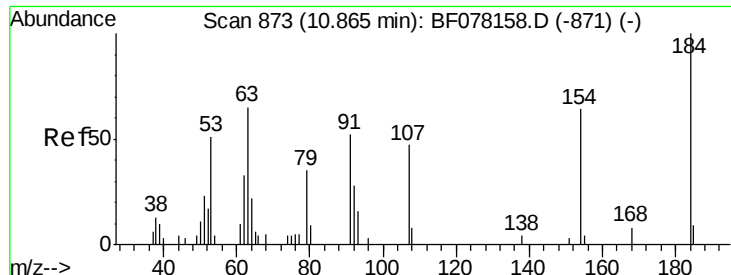
Acq: 1 Apr 2015 21:00

Tgt Ion:	138	Resp:	25567
Ion Ratio	Lower	Upper	
138	100		
108	10.5	8.2	12.4
92	104.2	88.4	132.6



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





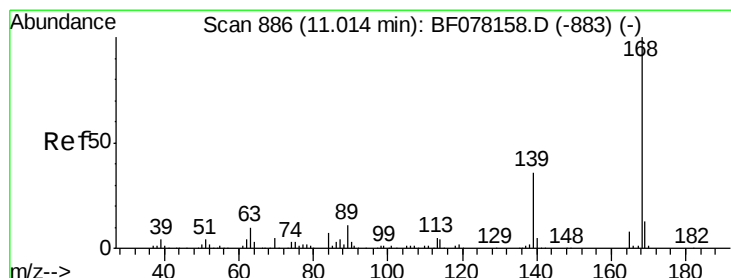
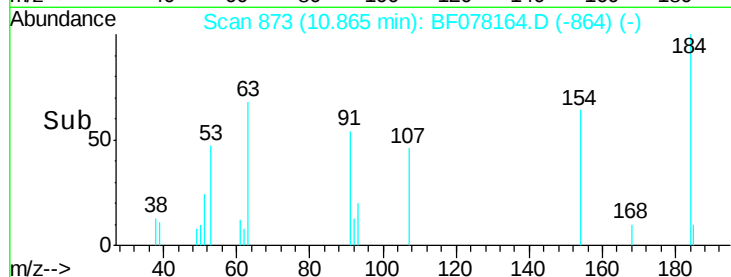
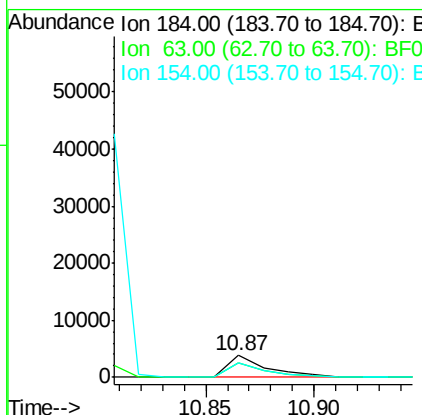
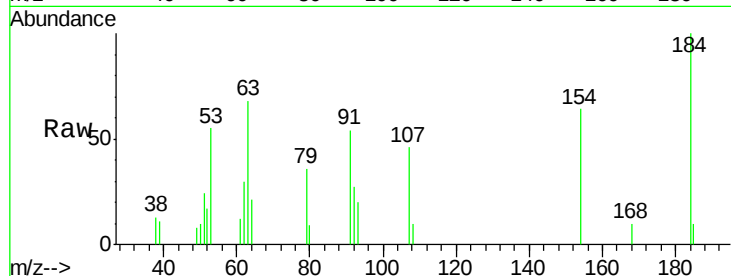
#53
 2,4-Dinitrophenol
 Concen: 20.46 ng
 RT: 10.87 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
184	100		
63	67.7	51.9	77.9
154	63.9	51.0	76.4

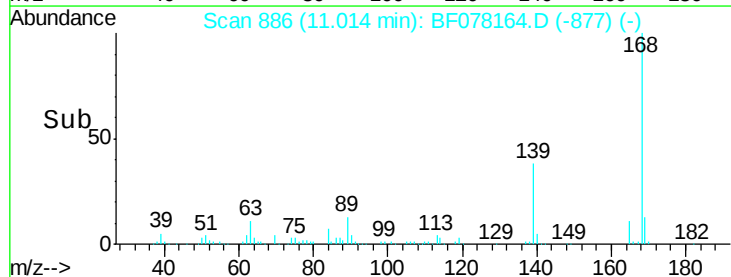
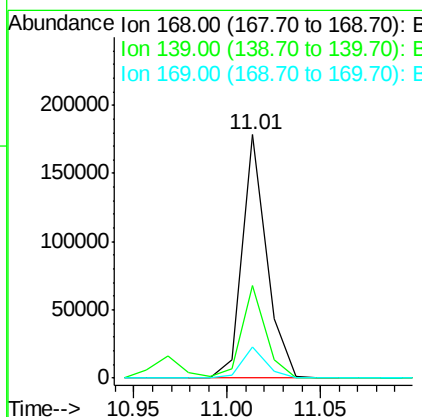
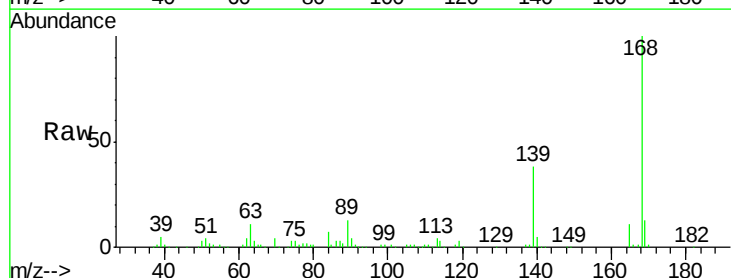
Manual Integrations
 APPROVED

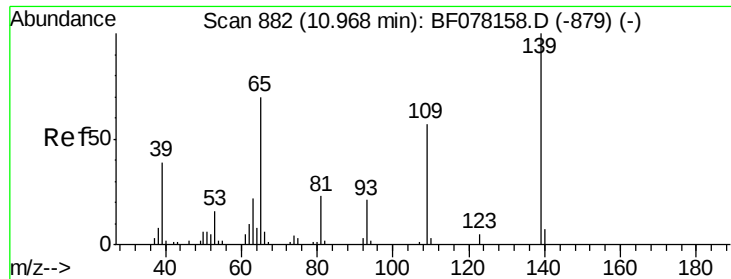
apatel
 4/2/2015 5:51:03 PM



#54
 Dibenzofuran
 Concen: 22.67 ng
 RT: 11.01 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.3	31.0	46.4
169	12.7	10.7	16.1





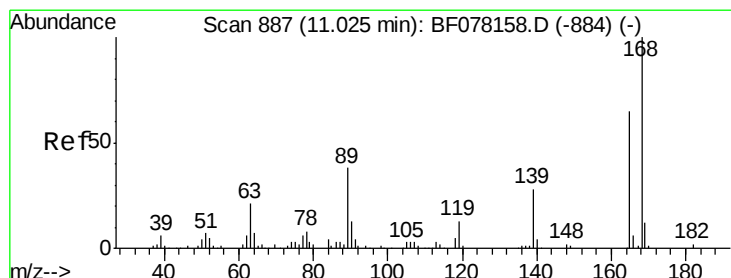
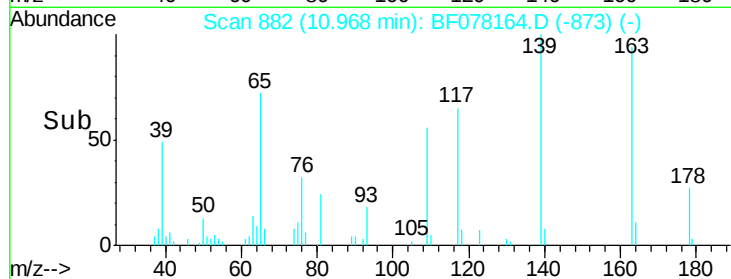
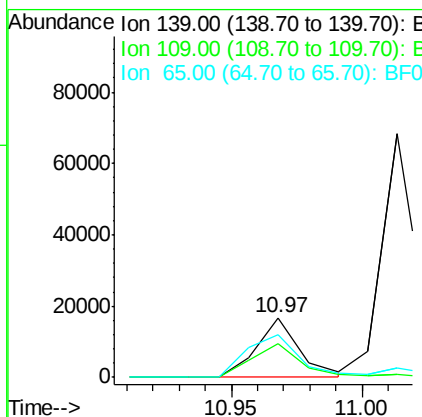
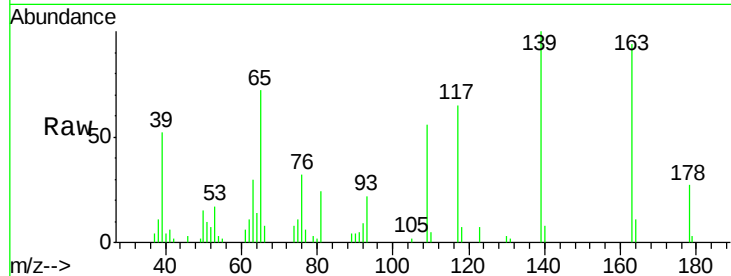
#55
4-Nitrophenol
Concen: 20.68 ng
RT: 10.97 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	56.3	36.7	76.7	
65	72.1	49.9	89.9	

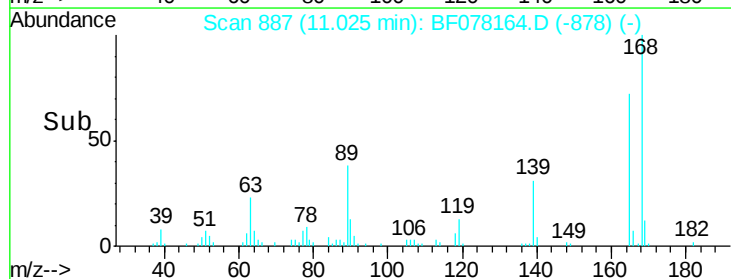
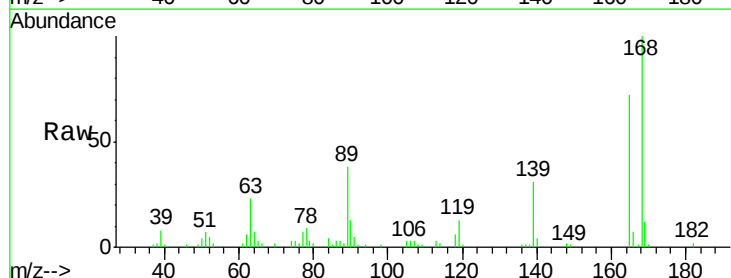
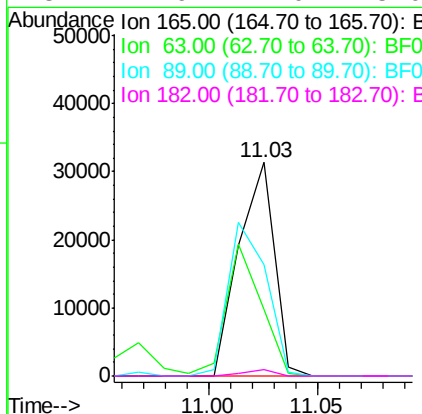
Manual Integrations
APPROVED

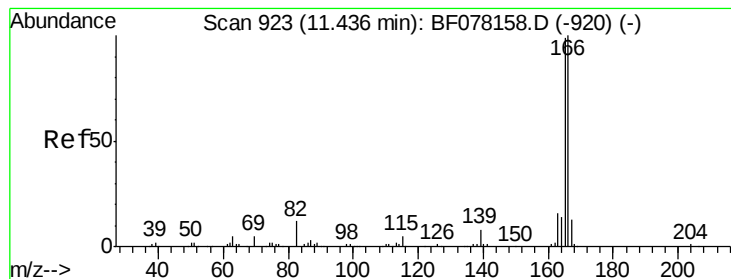
apatel
4/2/2015 5:51:03 PM



#56
2,4-Dinitrotoluene
Concen: 22.31 ng
RT: 11.03 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	31.3	26.5	39.7	
89	52.3	46.4	69.6	
182	2.9	2.0	3.0	





#57

Fluorene

Concen: 22.59 ng

RT: 11.44 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Instrument :

BNA_F

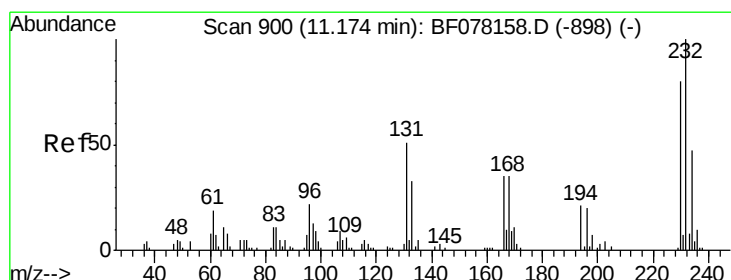
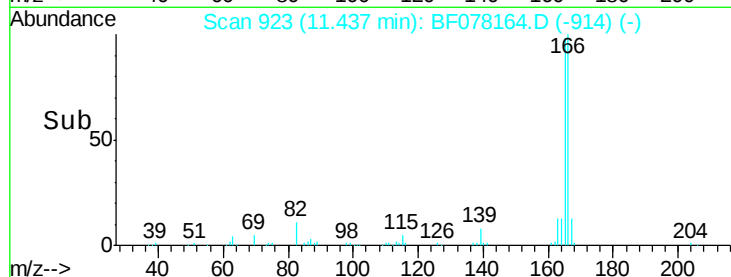
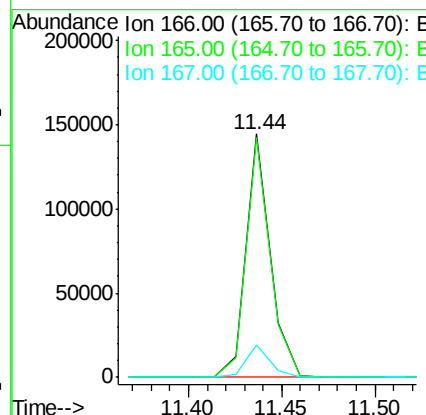
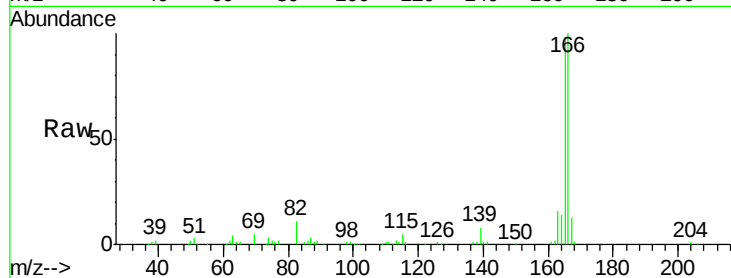
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	166	Resp:	130697
Ion Ratio	Lower	Upper	
166	100		
165	98.3	78.9	118.3
167	13.3	10.7	16.1

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.83 ng

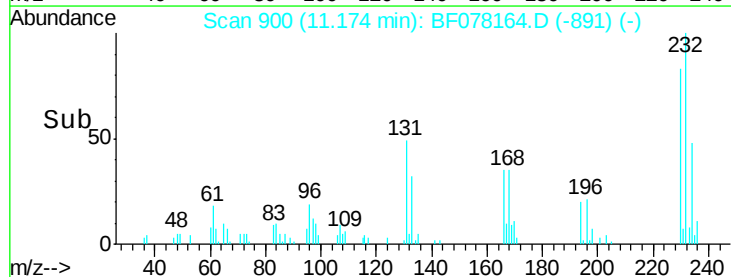
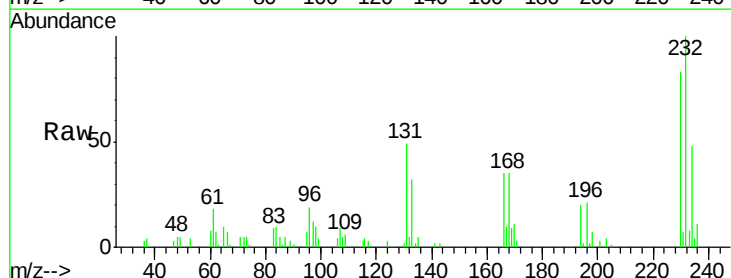
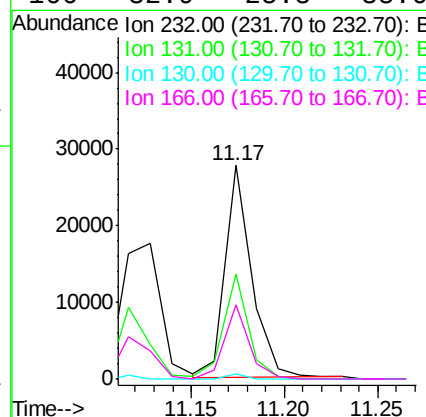
RT: 11.17 min Scan# 900

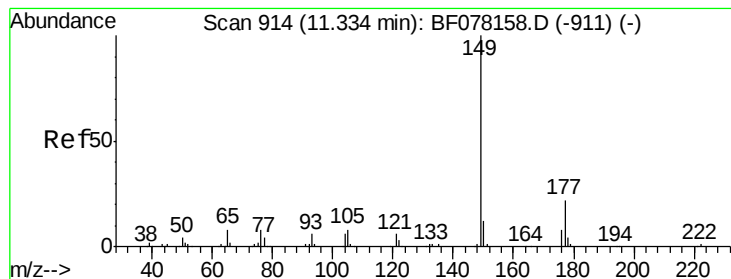
Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Tgt Ion:	232	Resp:	27605
Ion Ratio	Lower	Upper	
232	100		
131	46.5	37.8	56.8
130	1.6	1.5	2.3
166	32.9	25.8	38.6





#59

Diethylphthalate

Concen: 22.13 ng

RT: 11.33 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Instrument :

BNA_F

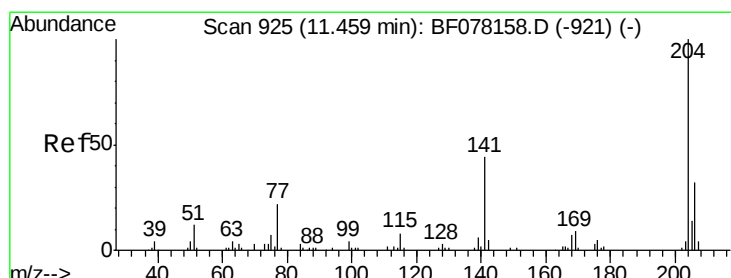
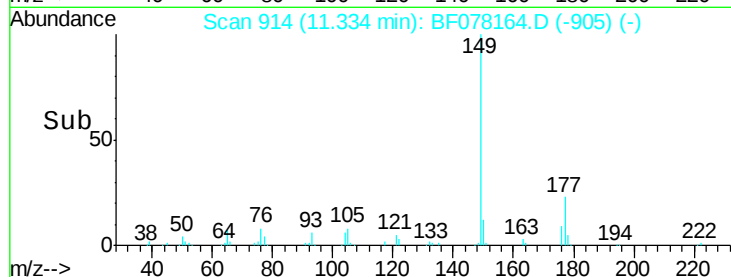
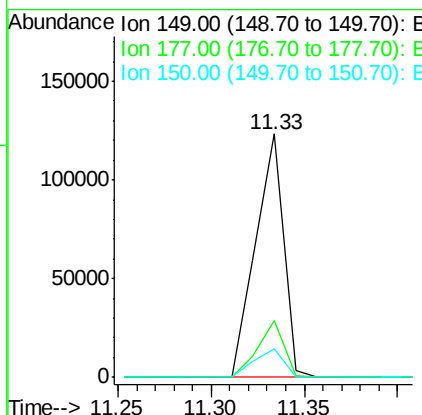
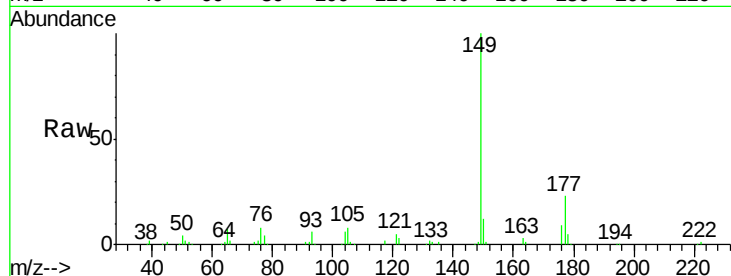
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	149	Resp:	128063
Ion Ratio	Lower	Upper	
149	100		
177	23.4	17.4	26.2
150	11.9	9.4	14.2

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM



#60

4-Chlorophenyl-phenylether

Concen: 22.57 ng

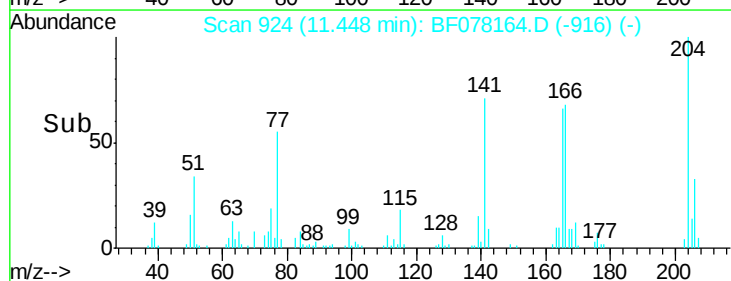
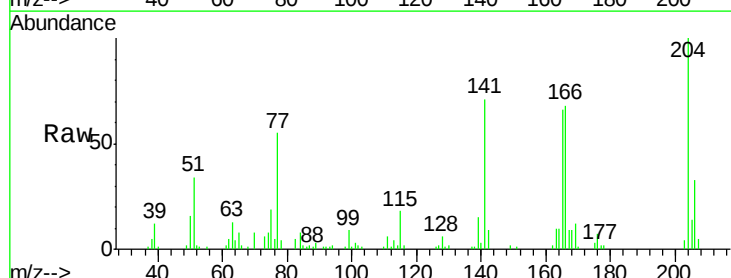
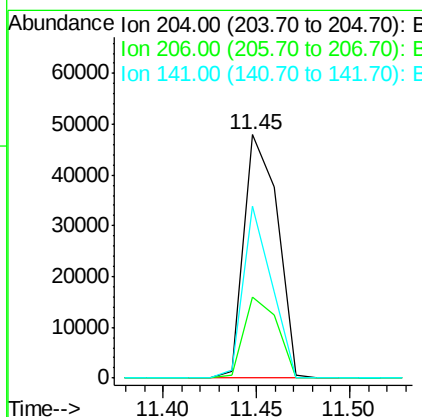
RT: 11.45 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Tgt Ion:	204	Resp:	60091
Ion Ratio	Lower	Upper	
204	100		
206	33.5	25.6	38.4
141	70.7	35.4	53.0#





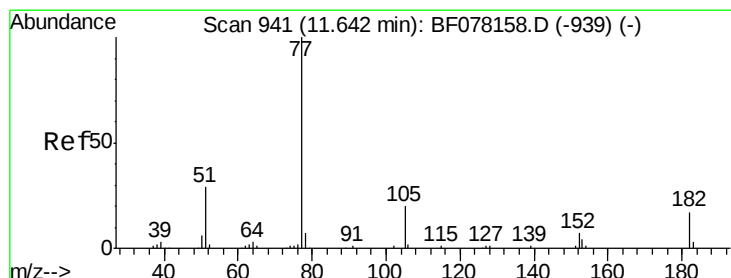
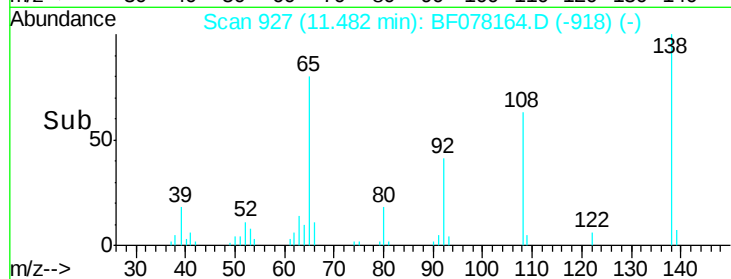
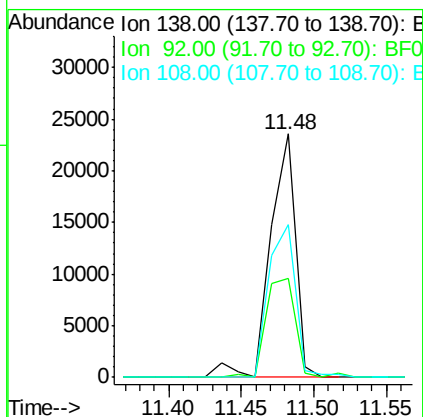
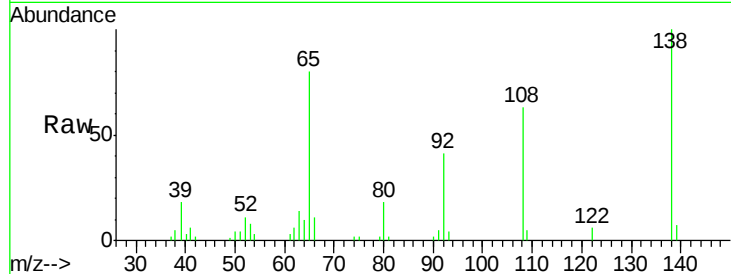
#61
4-Nitroaniline
Concen: 20.02 ng
RT: 11.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
138	100		
92	40.9	27.3	67.3
108	63.0	47.2	87.2

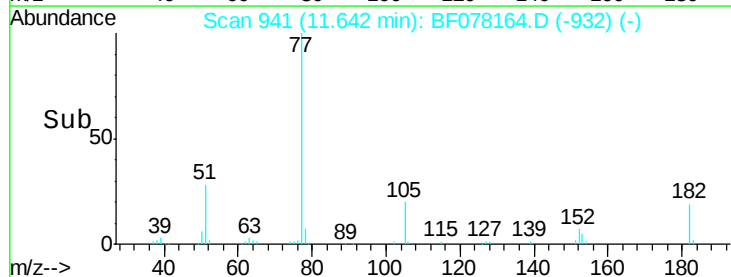
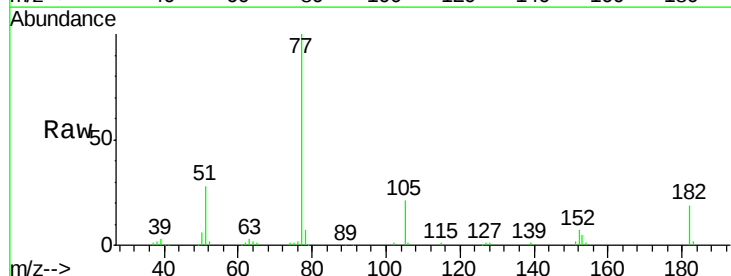
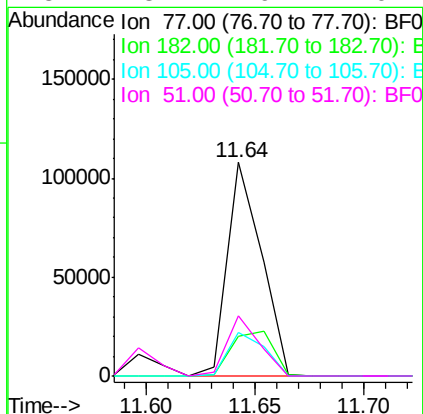
Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM



#62
Azobenzene
Concen: 22.20 ng
RT: 11.64 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.7	0.0	36.8
105	20.6	0.3	40.3
51	28.4	9.1	49.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.59 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Instrument :

BNA_F

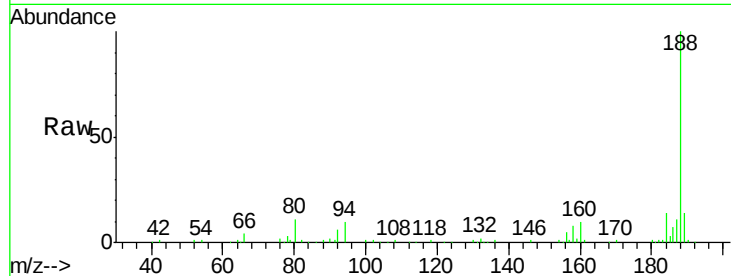
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	188	Resp:	152595
Ion Ratio	Lower	Upper	
188	100		
94	10.4	9.0	13.4
80	11.2	9.5	14.3

Manual Integrations
APPROVED

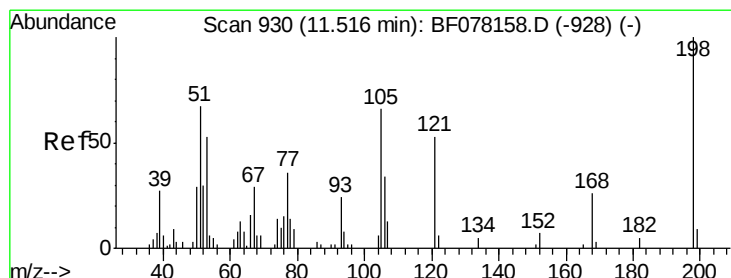
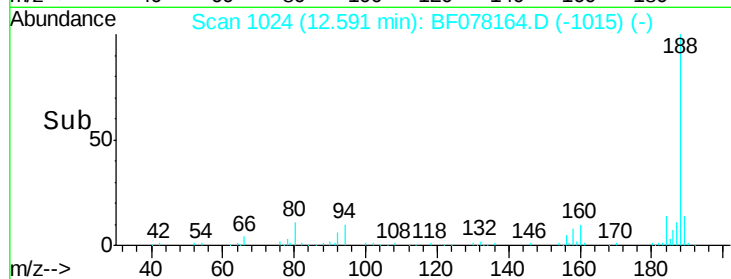
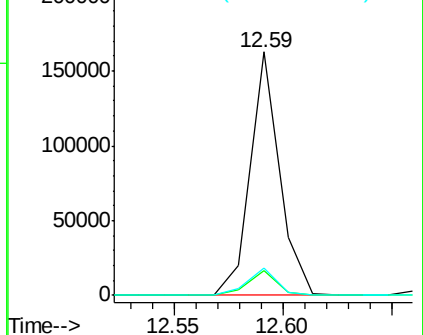
apatel
4/2/2015 5:51:03 PM



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: 21.84 ng

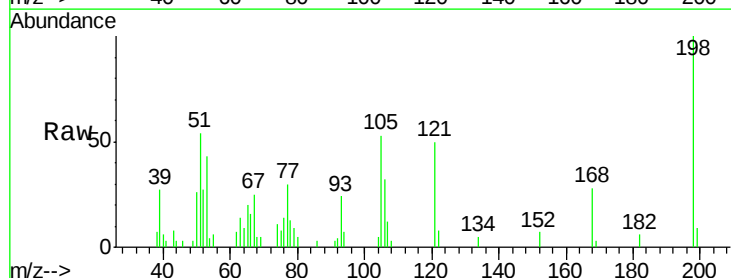
RT: 11.52 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

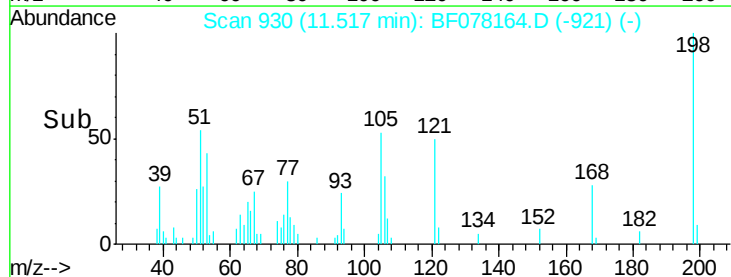
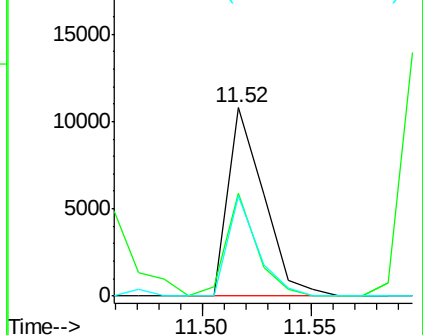
Tgt Ion:	198	Resp:	12241
Ion Ratio	Lower	Upper	
198	100		
51	54.4	48.6	88.6
105	53.3	45.8	85.8

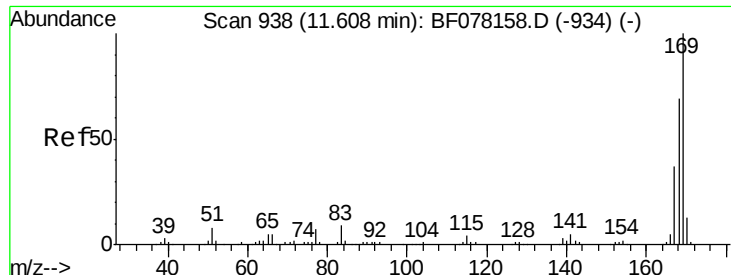


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





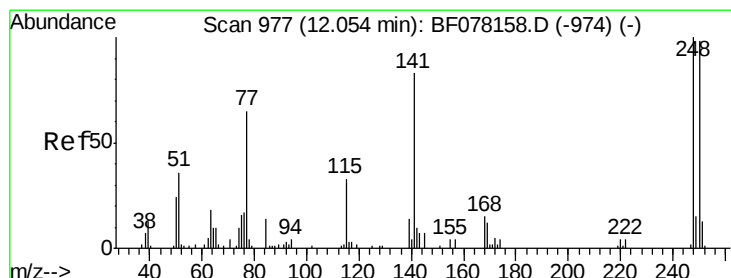
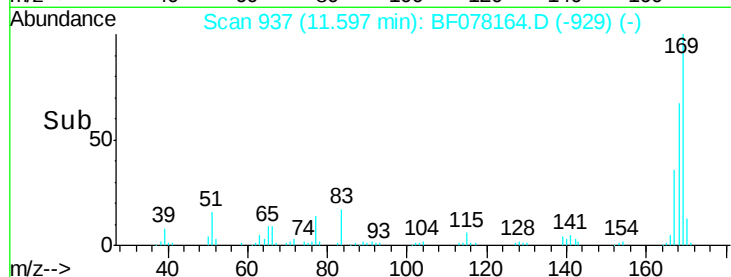
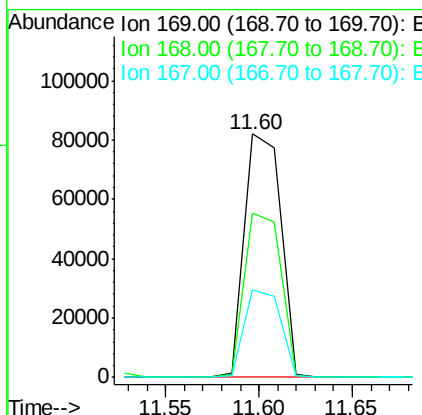
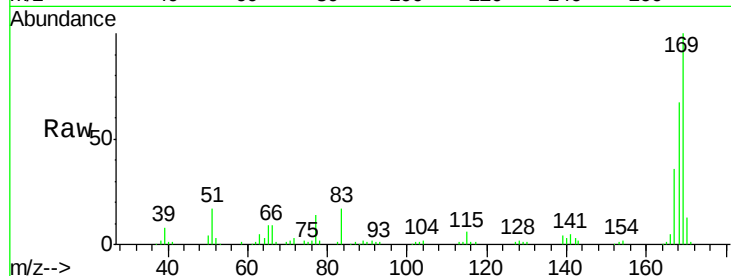
#65
n-Nitrosodiphenylamine
Concen: 21.05 ng
RT: 11.60 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Resp	Lower	Upper
169	100	111095		
168	67.5	55.0	82.4	
167	35.7	29.3	43.9	

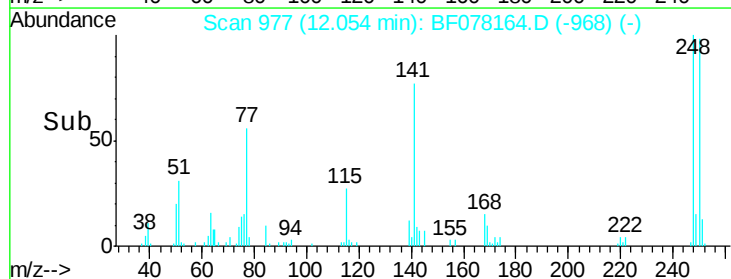
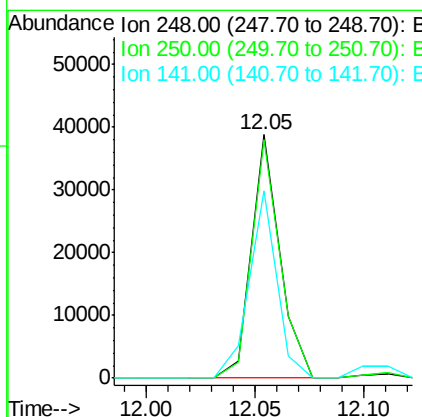
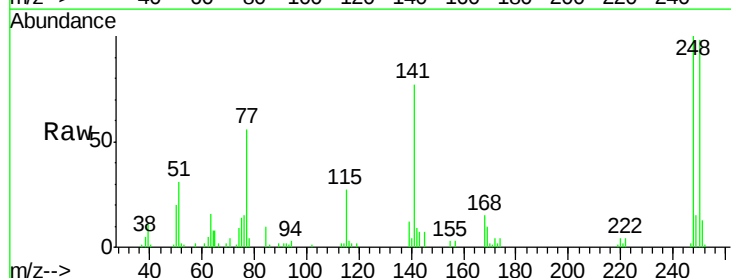
Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM



#66
4-Bromophenyl-phenylether
Concen: 21.77 ng
RT: 12.05 min Scan# 977
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	35183		
250	97.9	78.2	117.2	
141	77.0	66.4	99.6	





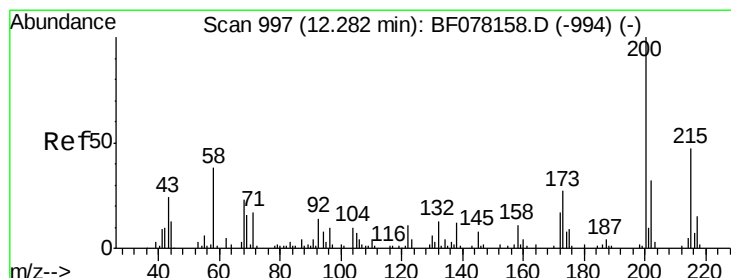
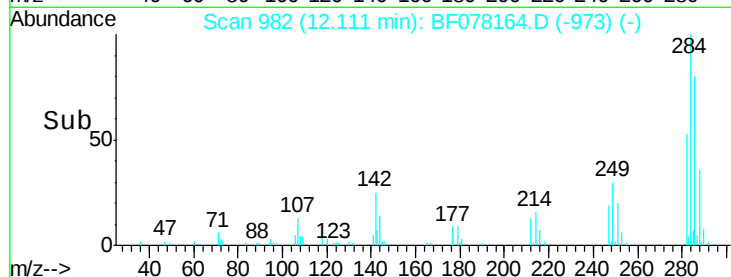
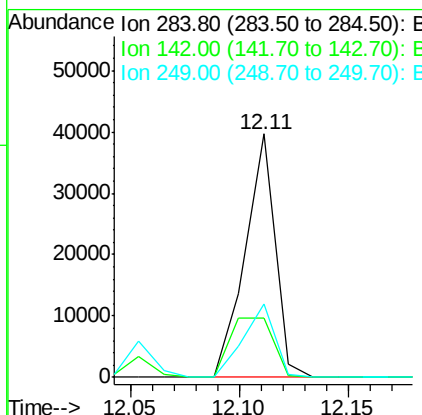
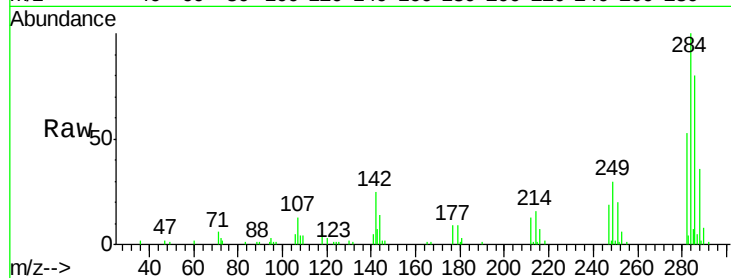
#67
Hexachlorobenzene
Concen: 21.46 ng
RT: 12.11 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Resp	Lower	Upper
284	100	37998		
142	24.6		24.5	36.7
249	30.2		24.8	37.2

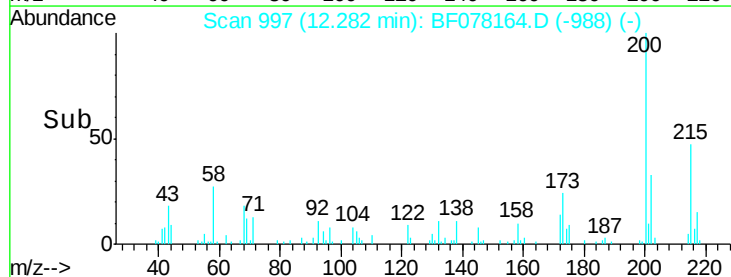
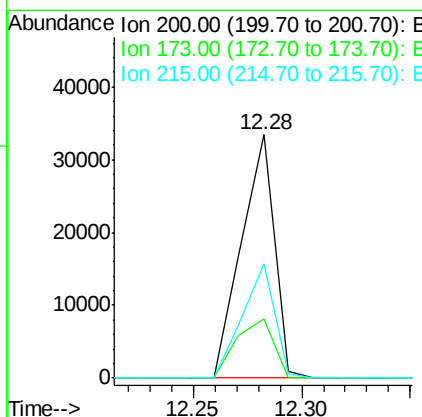
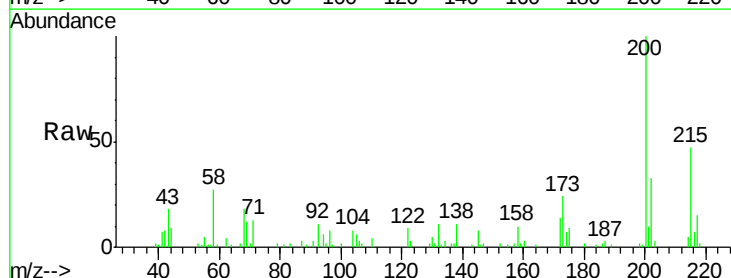
Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM



#68
Atrazine
Concen: 22.93 ng
RT: 12.28 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	35057		
173	24.4		6.9	46.9
215	47.2		27.1	67.1





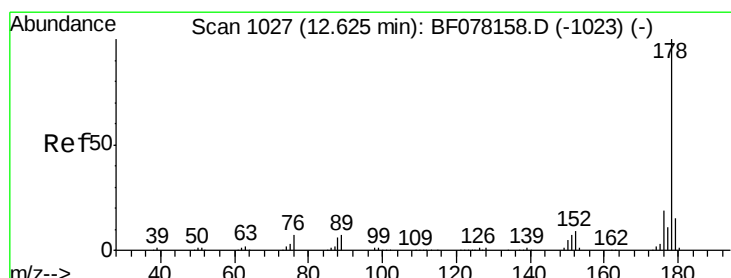
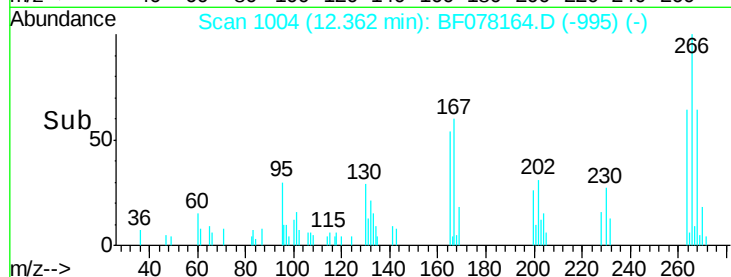
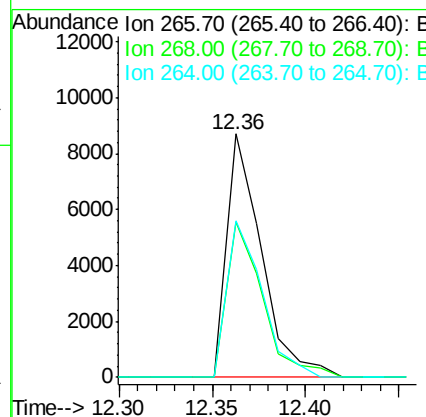
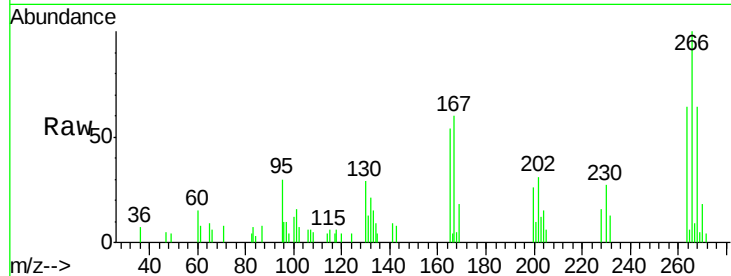
#69
 Pentachlorophenol
 Concen: 20.84 ng
 RT: 12.36 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Resp	Lower	Upper
266	100	11372		
268	64.0	50.1	75.1	
264	64.1	50.0	75.0	

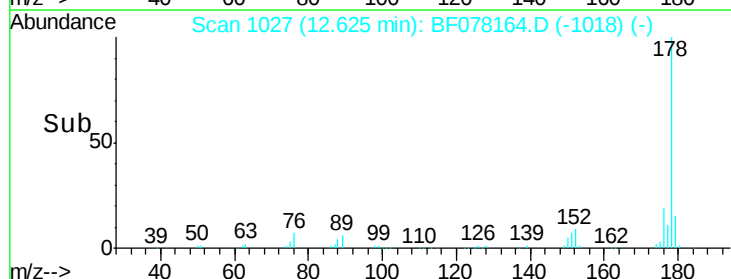
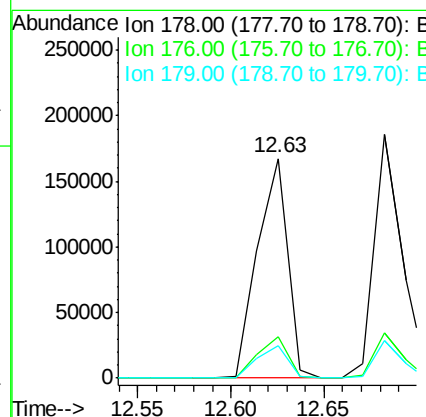
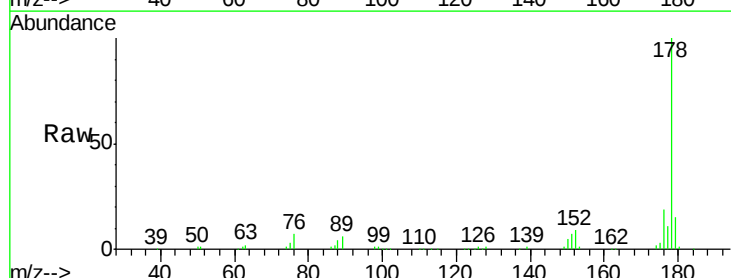
Manual Integrations
 APPROVED

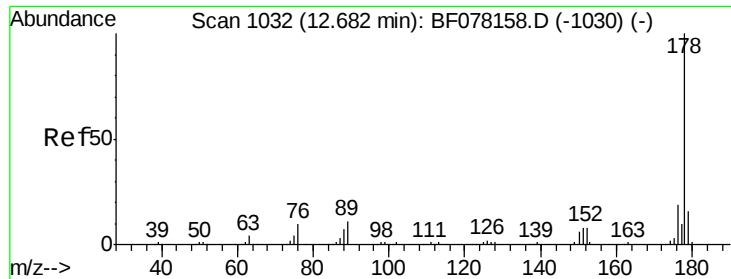
apatel
 4/2/2015 5:51:03 PM



#70
 Phenanthrene
 Concen: 21.21 ng
 RT: 12.63 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	187211		
176	19.0	15.4	23.0	
179	14.6	12.2	18.2	





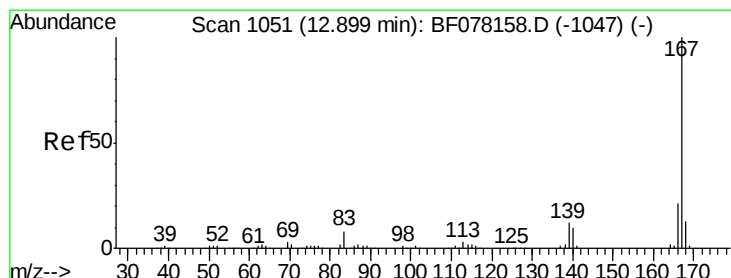
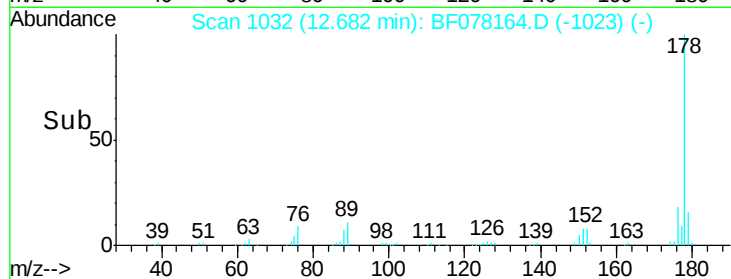
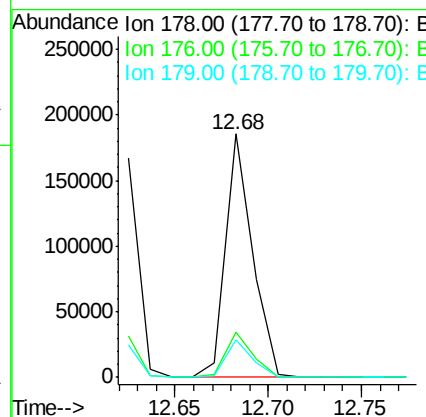
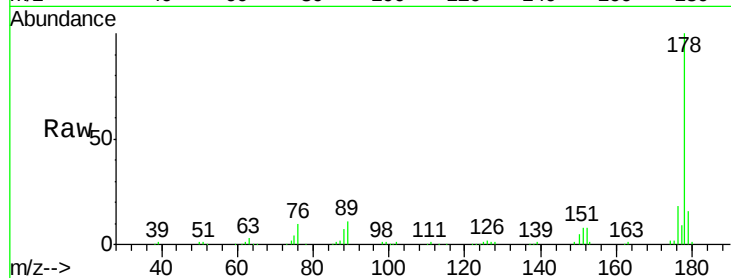
#71
 Anthracene
 Concen: 21.65 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	15.5	12.4	18.6

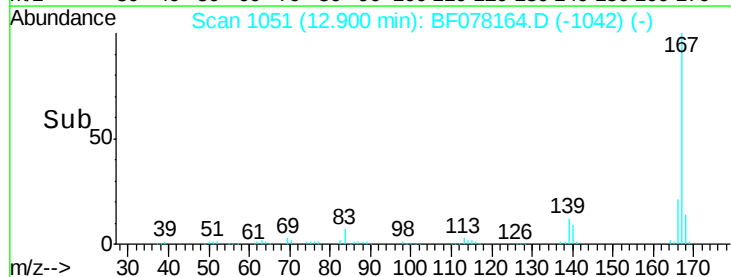
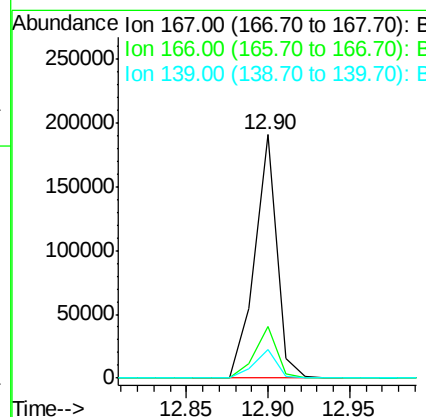
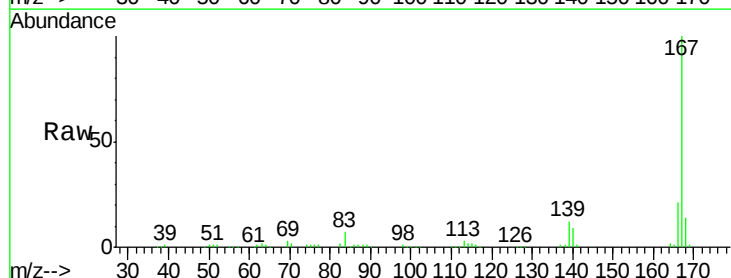
Manual Integrations
 APPROVED

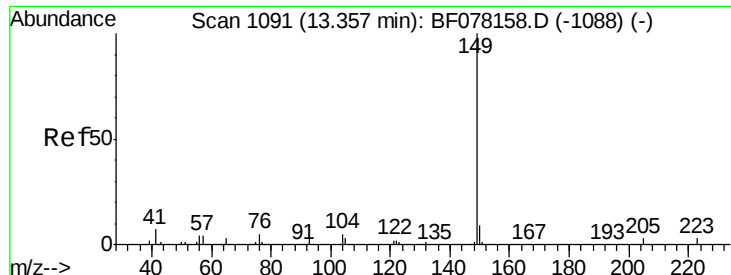
apatel
 4/2/2015 5:51:03 PM



#72
 Carbazole
 Concen: 22.06 ng
 RT: 12.90 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.8	25.2
139	11.8	10.0	15.0





#73

Di-n-butylphthalate

Concen: 21.85 ng

RT: 13.36 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Instrument :

BNA_F

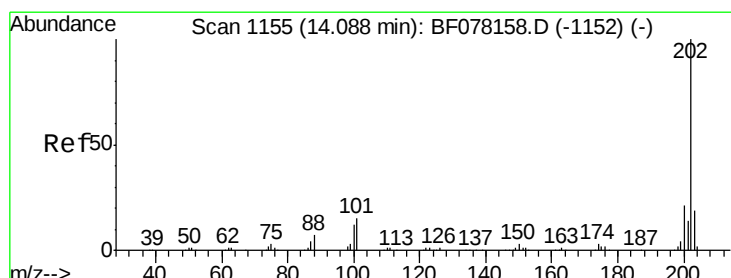
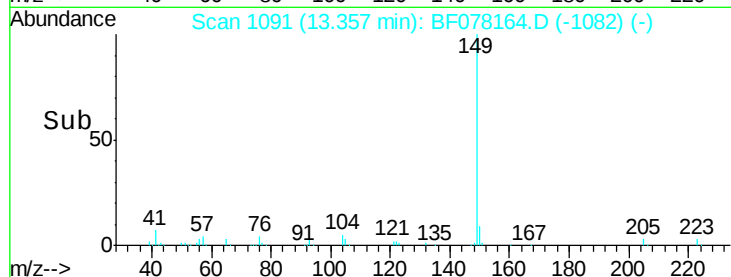
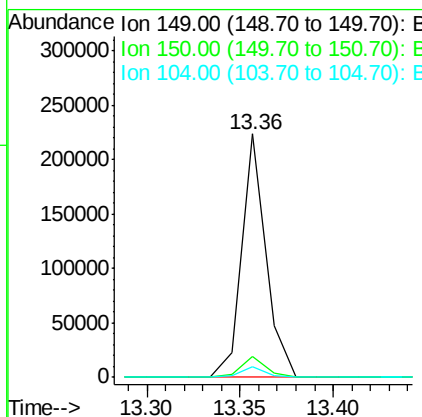
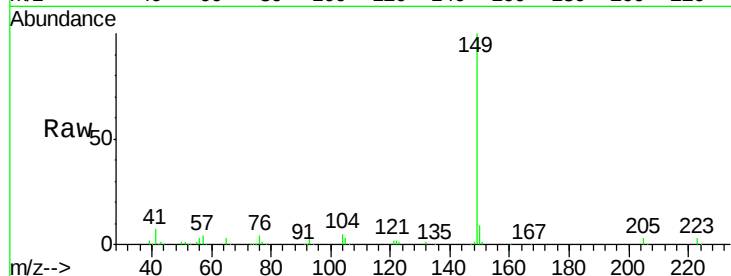
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	149	Resp:	201738
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.1	10.7
104	4.6	3.8	5.6

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM



#74

Fluoranthene

Concen: 21.73 ng

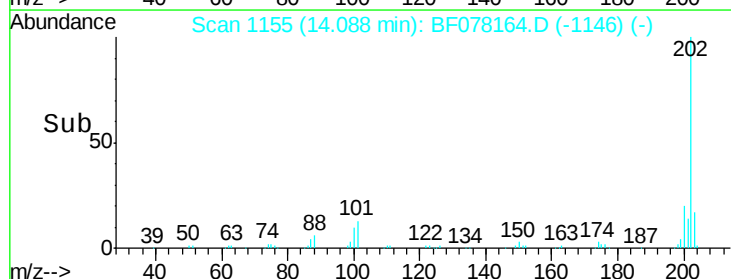
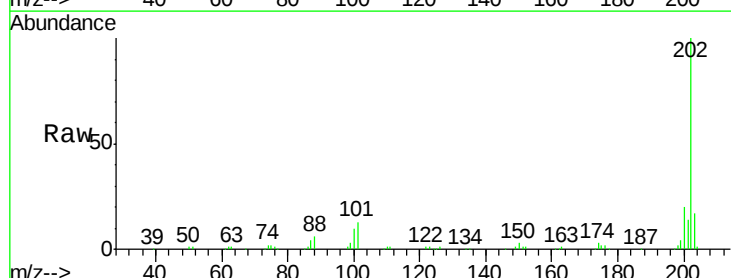
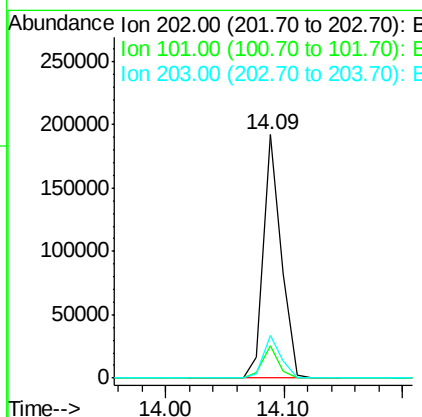
RT: 14.09 min Scan# 1155

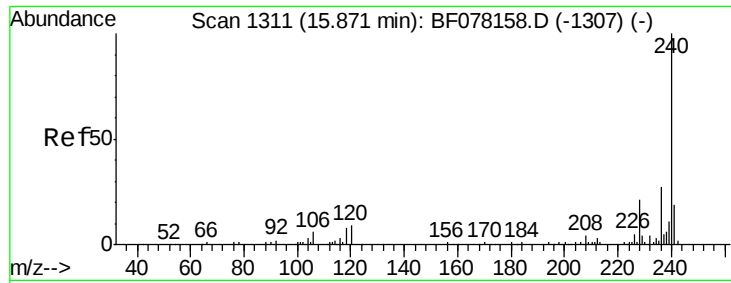
Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Tgt Ion:	202	Resp:	202237
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	35.2
203	17.4	0.0	38.5





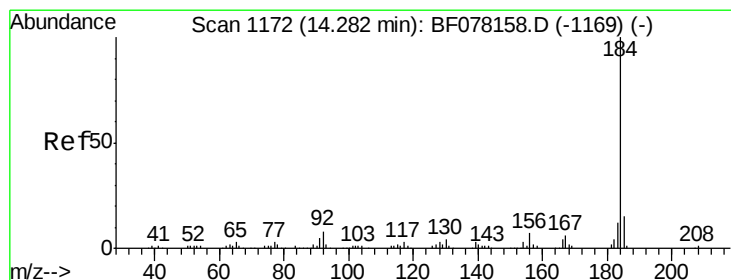
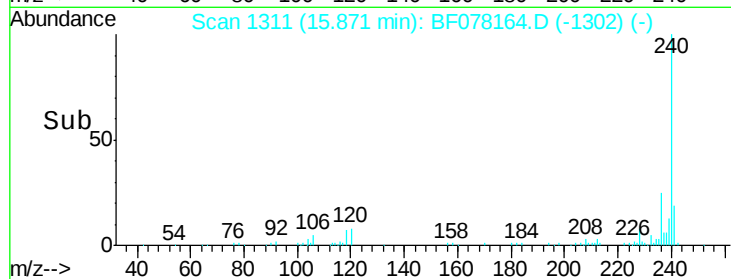
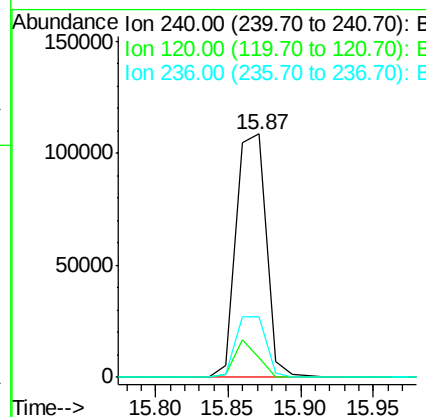
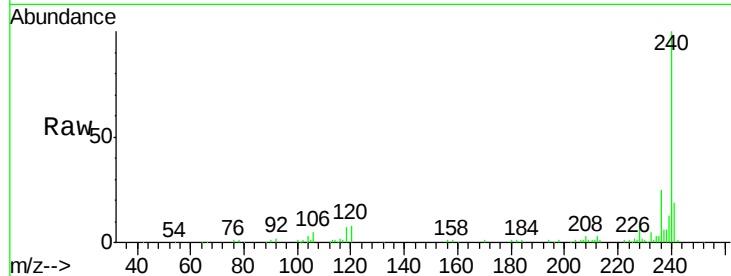
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.87 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	8.1	7.1	10.7
236	24.8	21.4	32.2

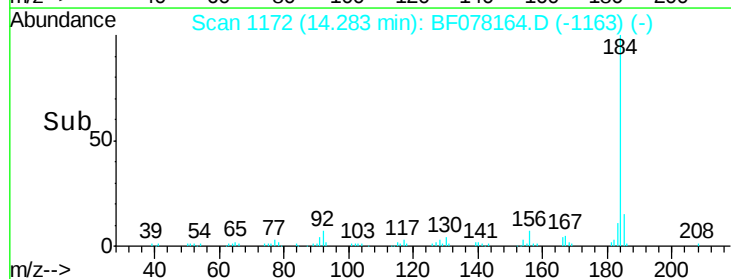
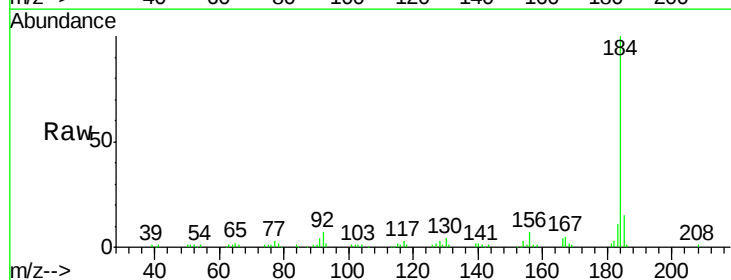
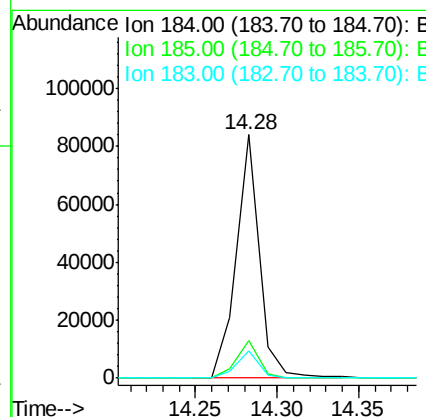
Manual Integrations
APPROVED

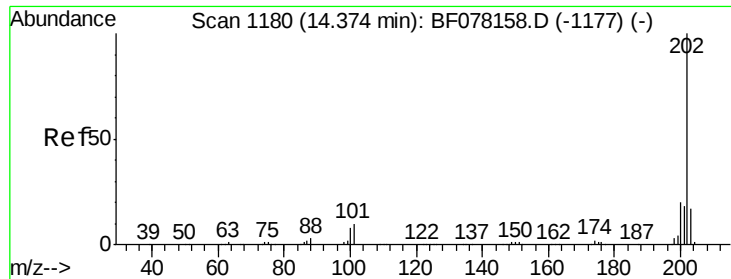
apatel
4/2/2015 5:51:03 PM



#76
Benzidine
Concen: 13.58 ng
RT: 14.28 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	15.3	12.2	18.2
183	11.2	9.5	14.3





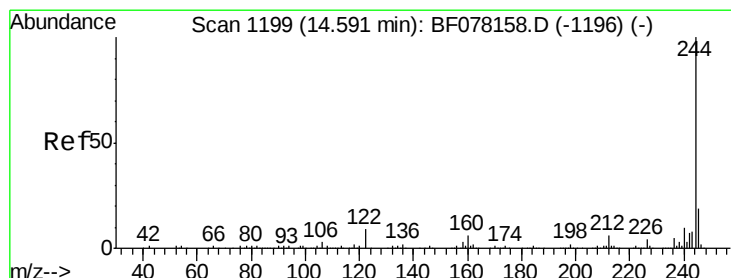
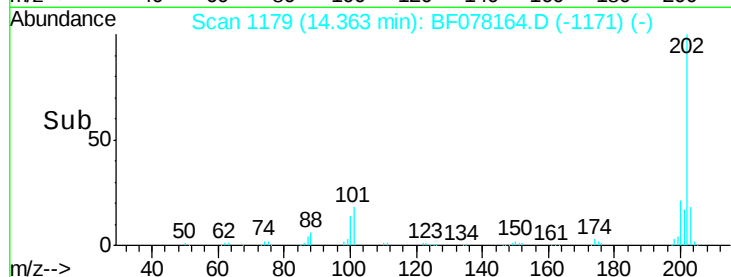
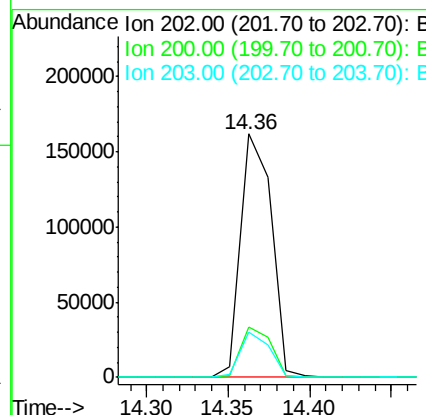
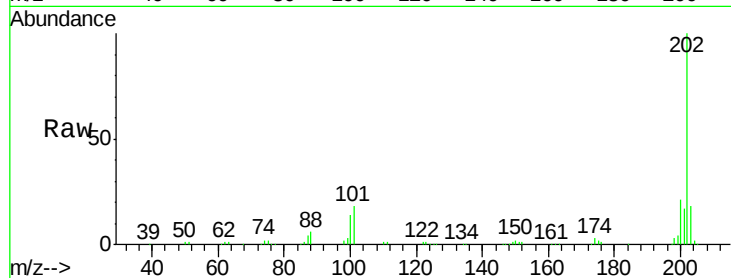
#77
Pvrene
Concen: 21.50 ng
RT: 14.36 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	16.3	24.5
203	18.4	13.8	20.6

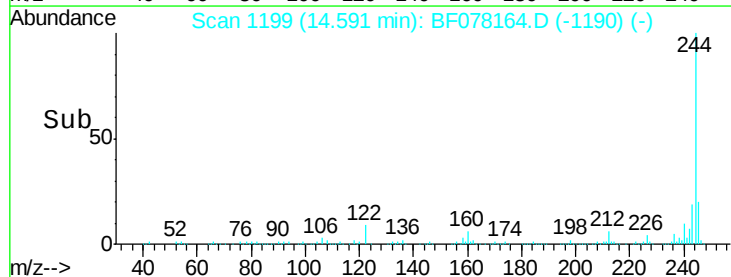
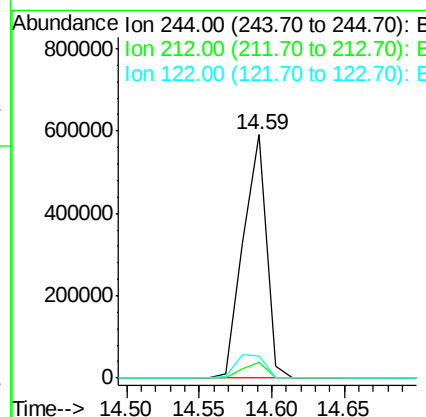
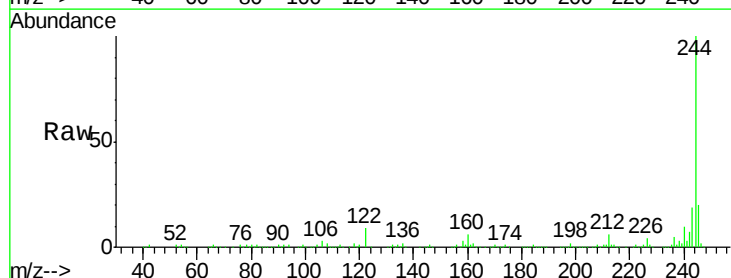
Manual Integrations
APPROVED

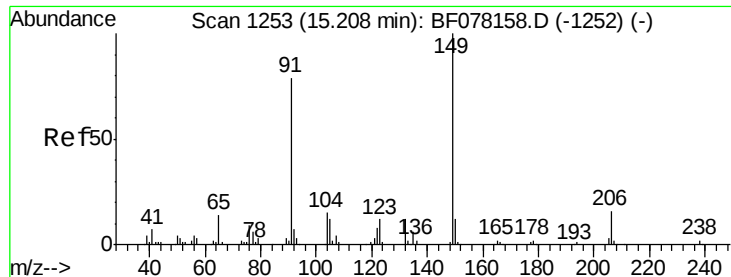
apatel
4/2/2015 5:51:03 PM



#78
Terphenyl-d14
Concen: 94.90 ng
RT: 14.59 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.2	5.0	7.4
122	8.9	7.1	10.7





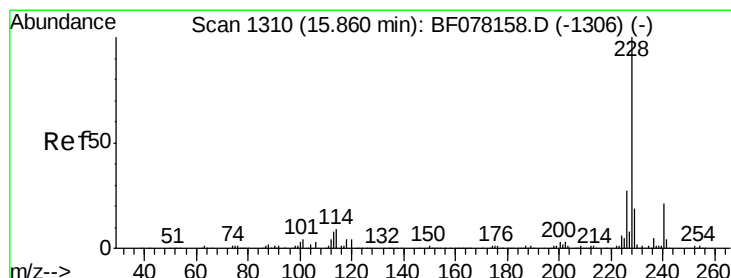
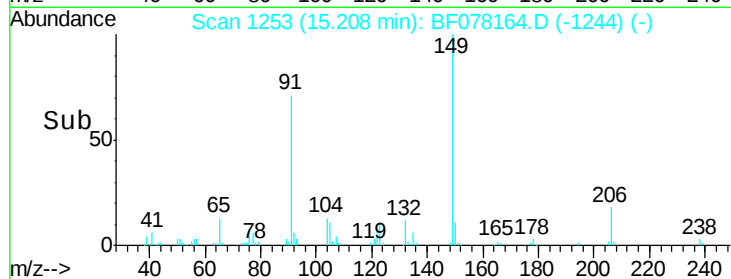
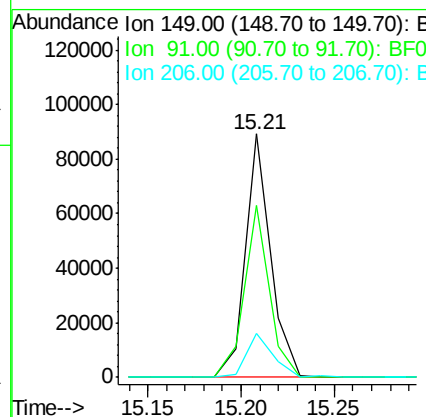
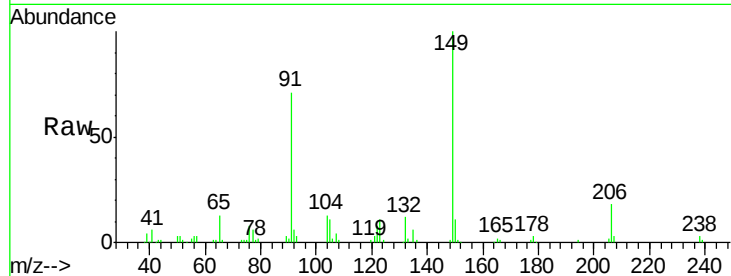
#79
Butylbenzylphthalate
Concen: 22.39 ng
RT: 15.21 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.7	64.2	96.2
206	17.8	12.6	18.8

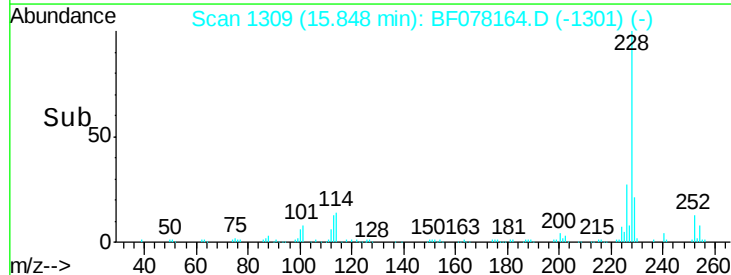
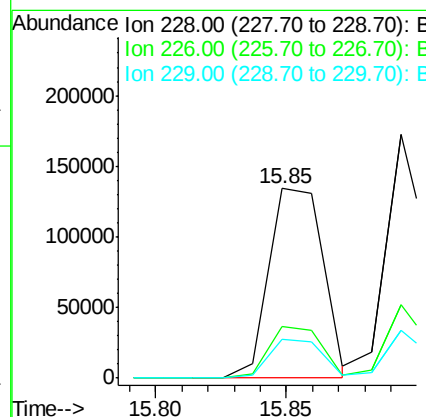
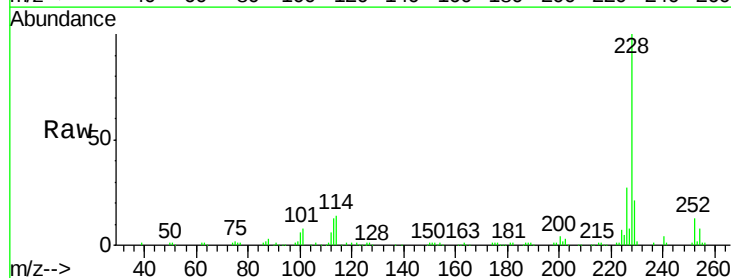
Manual Integrations
APPROVED

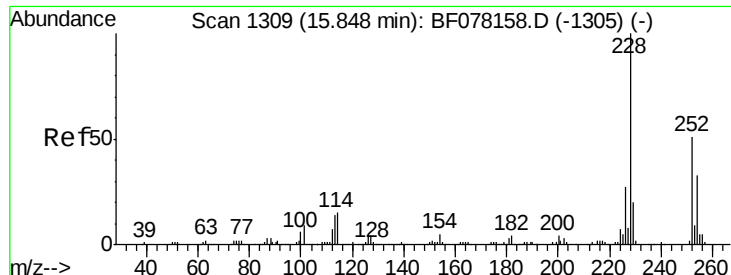
apatel
4/2/2015 5:51:03 PM



#80
Benzo(a)anthracene
Concen: 20.88 ng
RT: 15.85 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.3	31.9
229	20.6	15.4	23.2





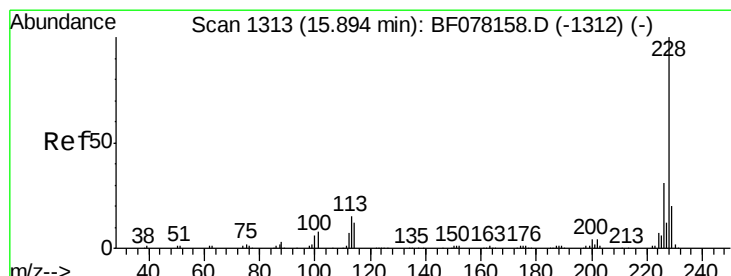
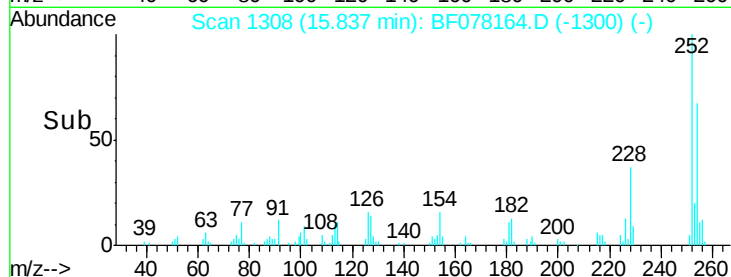
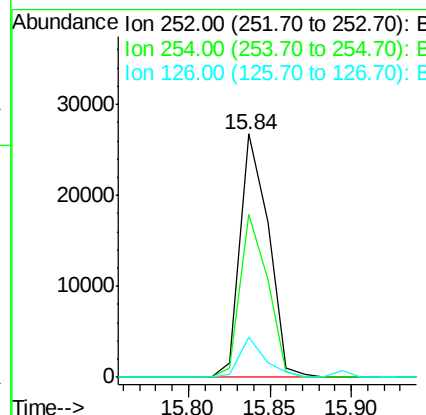
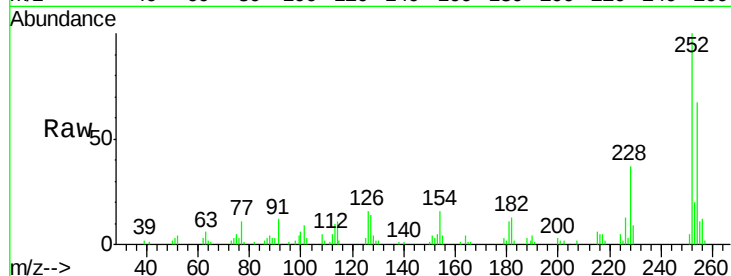
#81
 3,3'-Dichlorobenzidine
 Concen: 10.28 ng
 RT: 15.84 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Resp	Lower	Upper
252	100	32104		
254	67.1	51.2	76.8	
126	16.2	6.3	9.5	

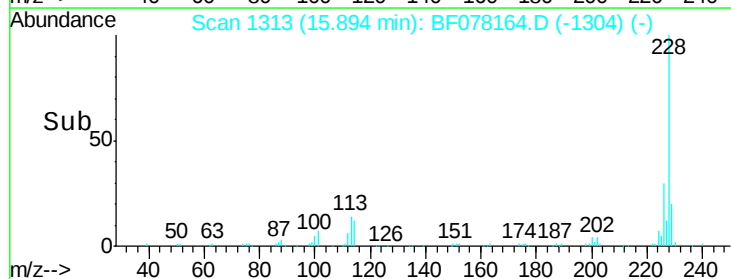
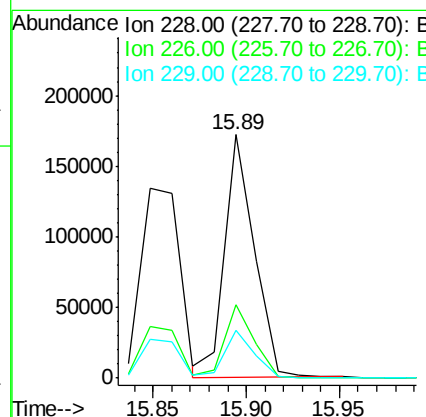
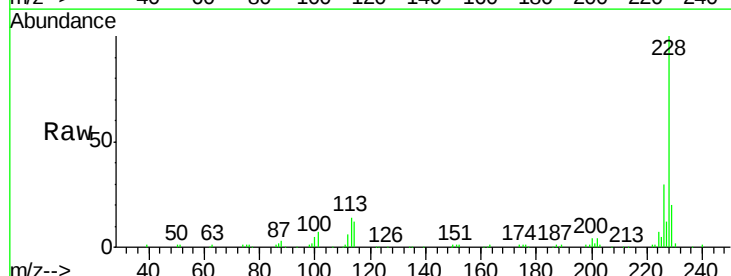
Manual Integrations
 APPROVED

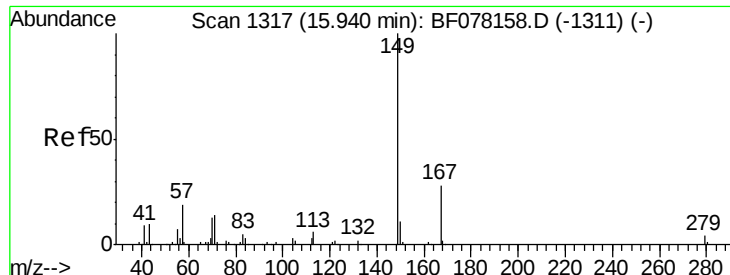
apatel
 4/2/2015 5:51:03 PM



#82
 Chrysene
 Concen: 21.75 ng
 RT: 15.89 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	190538		
226	29.9	24.2	36.4	
229	19.6	15.8	23.8	





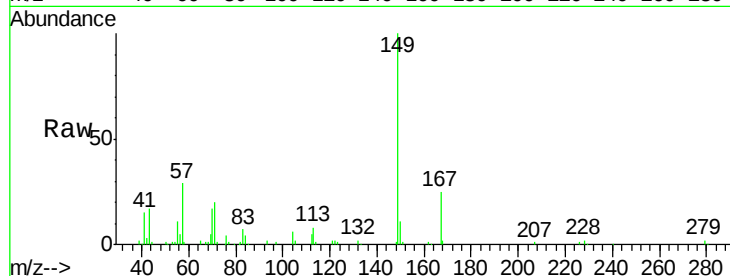
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 21.98 ng
 RT: 15.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2015-02

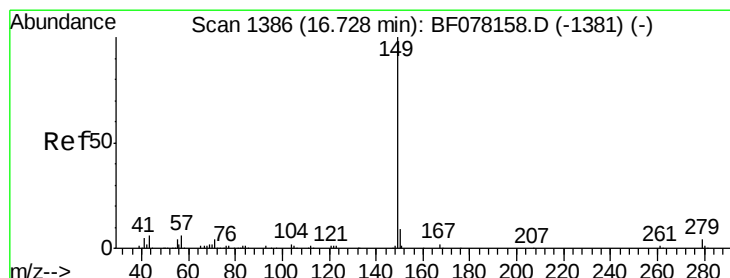
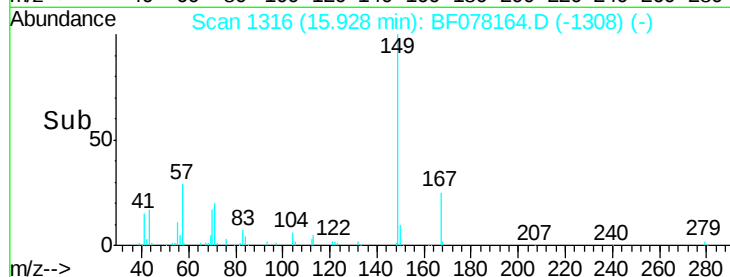
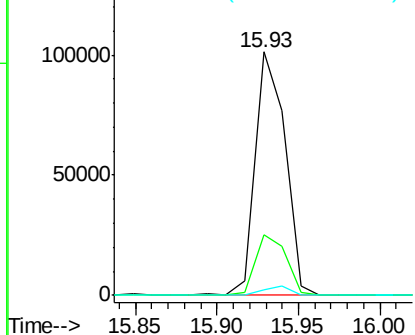
Tot Ion	Ratio	Resp	Lower	Upper
149	100	129268		
167	25.0		22.2	33.2
279	2.4		3.2	4.8#

Manual Integrations
 APPROVED

apatel
 4/2/2015 5:51:03 PM

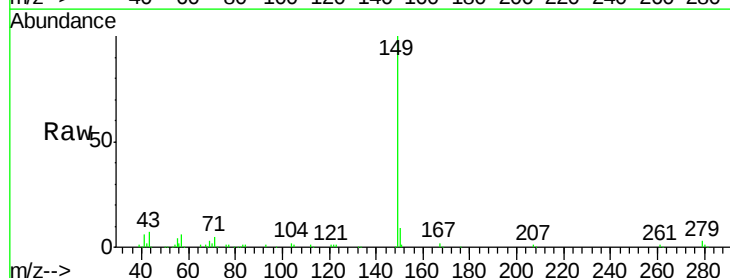


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

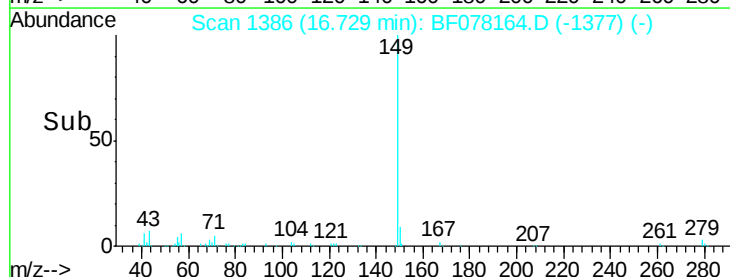
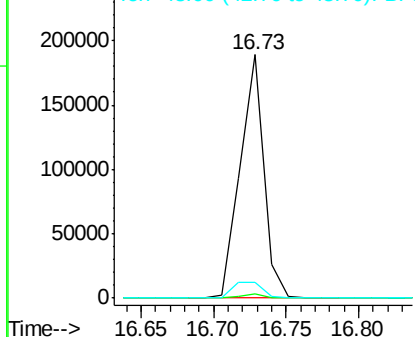


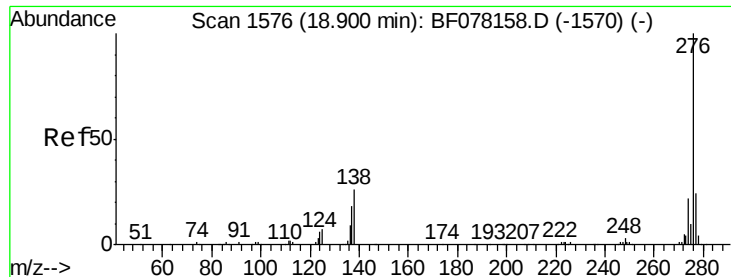
#84
 Di-n-octyl phthalate
 Concen: 22.22 ng
 RT: 16.73 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	214570		
167	1.5		0.0	0.0#
43	8.7		0.0	0.0#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 20.93 ng

RT: 18.91 min Scan# 1577

Delta R.T. 0.01 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2015-02

Tot Ion:276 Resp: 208057
Ion Ratio Lower Upper

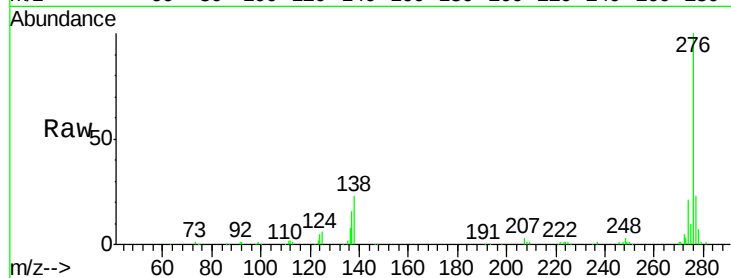
276 100

138 28.3 16.9 25.3#

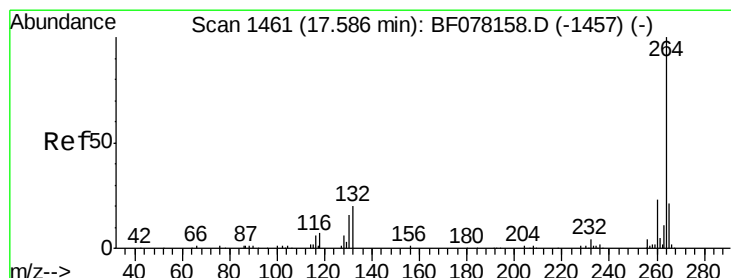
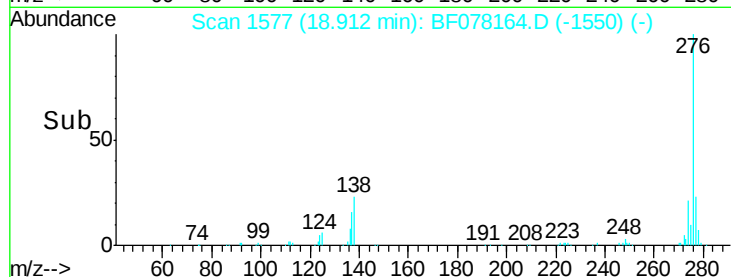
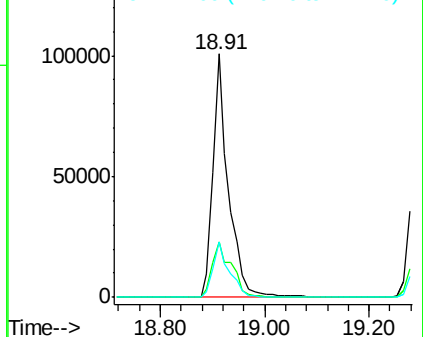
277 24.2 15.8 23.6#

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.60 min Scan# 1462

Delta R.T. 0.01 min

Lab File: BF078164.D

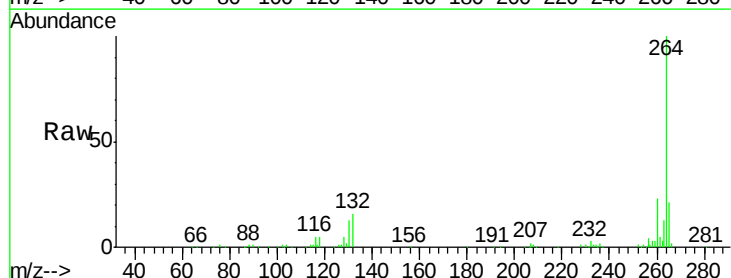
Acq: 1 Apr 2015 21:00

Tgt Ion:264 Resp: 147985
Ion Ratio Lower Upper

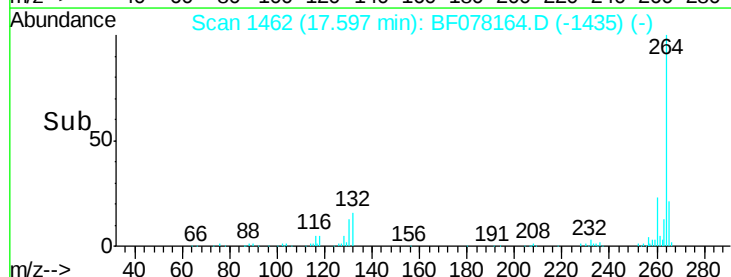
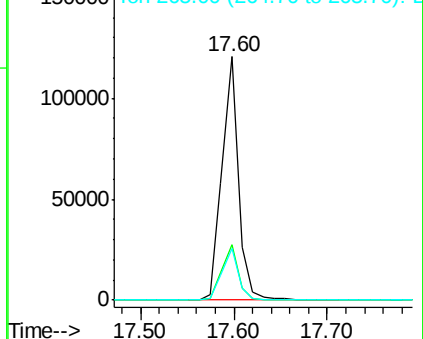
264 100

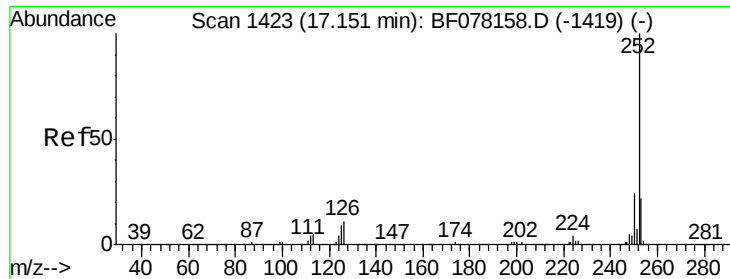
260 23.0 18.6 27.8

265 21.1 17.0 25.6



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: 20.67 ng

RT: 17.15 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Instrument :

BNA_F

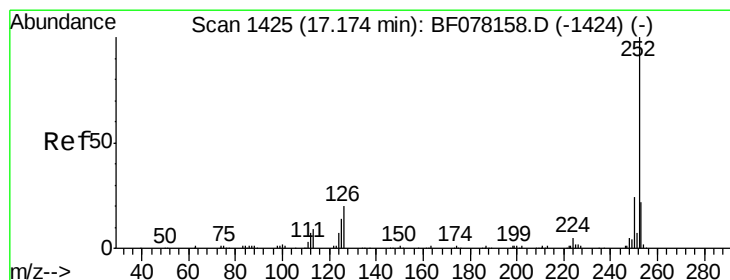
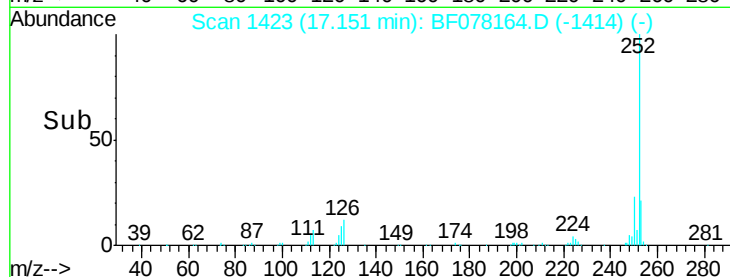
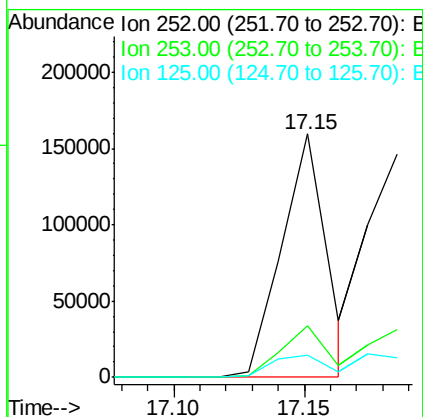
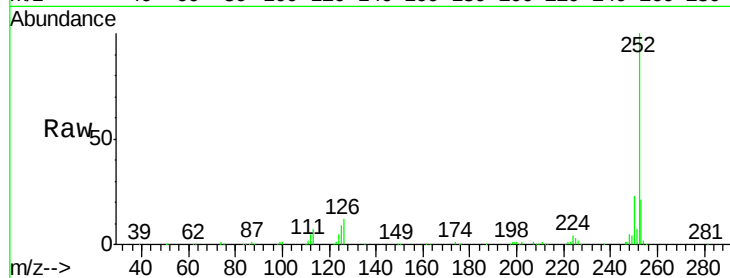
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	252	Resp:	189004
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.2	25.8
125	9.3	7.0	10.4

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:03 PM



#88

Benzo(k)fluoranthene

Concen: 23.46 ng m

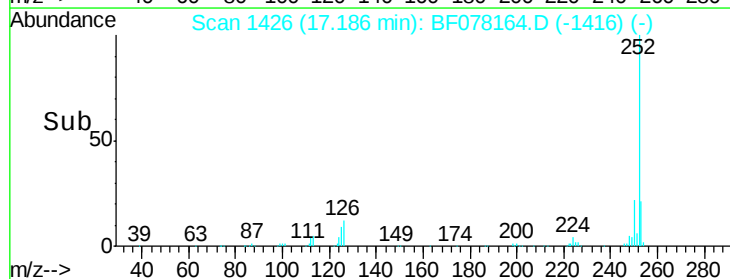
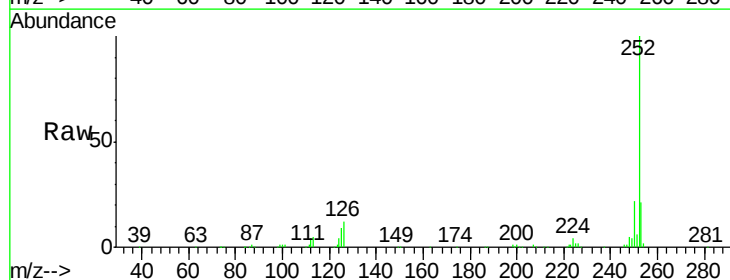
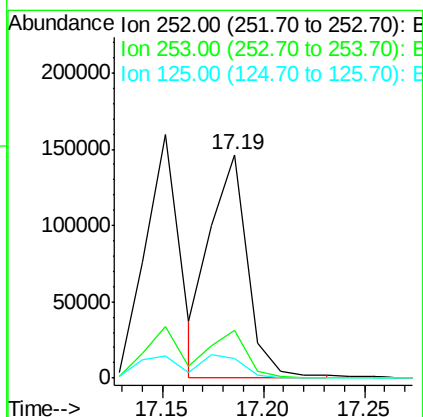
RT: 17.19 min Scan# 1426

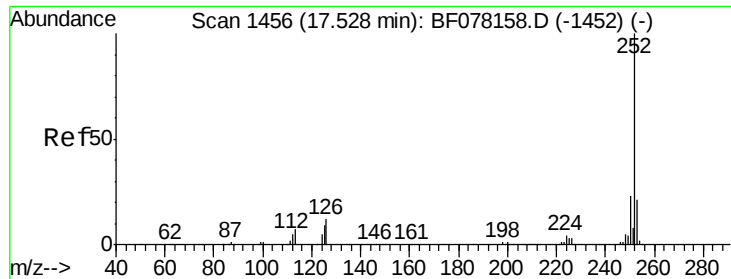
Delta R.T. 0.01 min

Lab File: BF078164.D

Acq: 1 Apr 2015 21:00

Tgt Ion:	252	Resp:	190668
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.5	26.3
125	8.5	11.6	17.4#





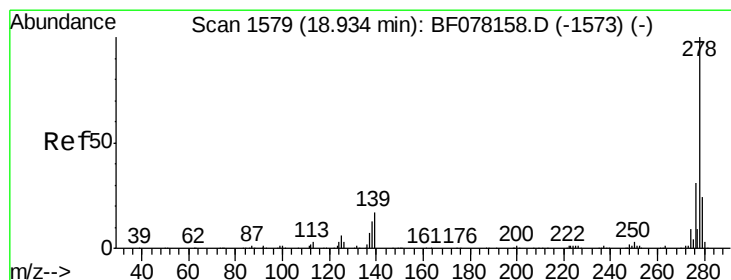
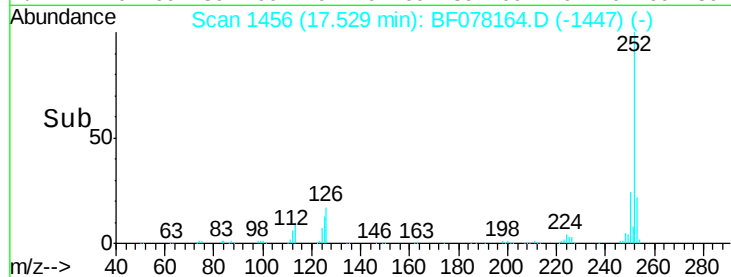
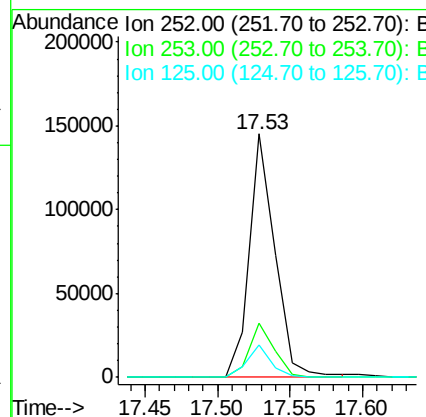
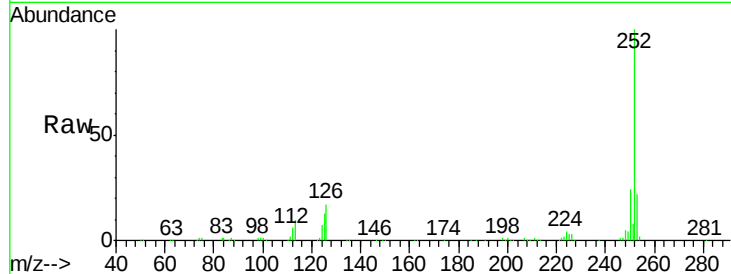
#89
Benzo(a)pyrene
Concen: 22.38 ng
RT: 17.53 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.8	25.2
125	13.4	7.4	11.0

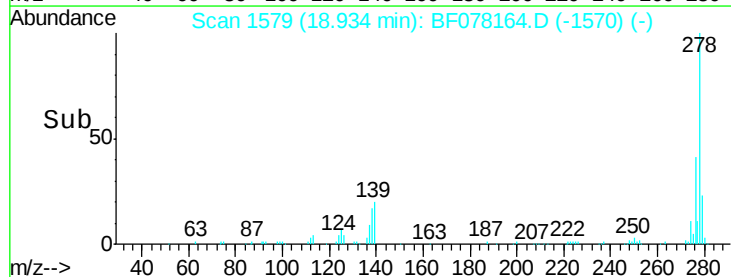
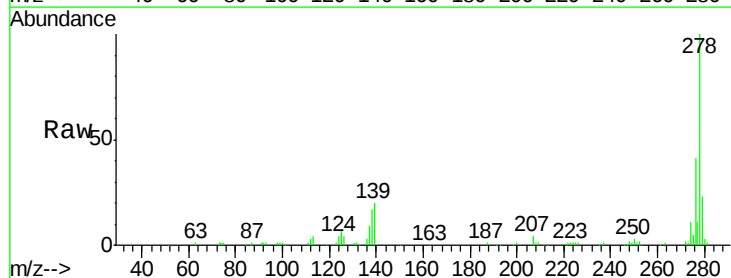
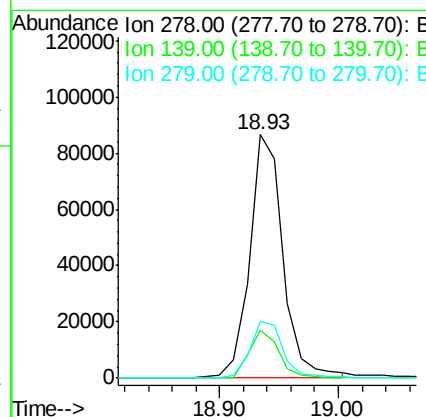
Manual Integrations
APPROVED

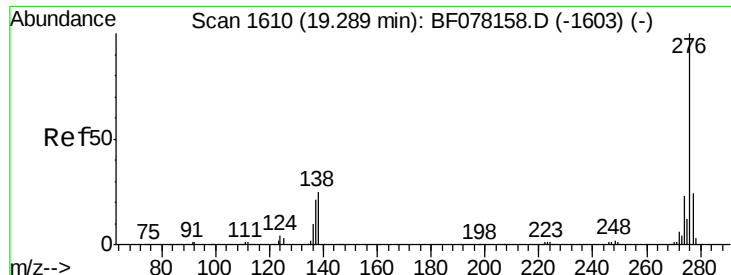
apatel
4/2/2015 5:51:03 PM



#90
Dibenzo(a,h)anthracene
Concen: 21.17 ng
RT: 18.93 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF078164.D
Acq: 1 Apr 2015 21:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	13.6	20.4
279	23.1	19.0	28.6





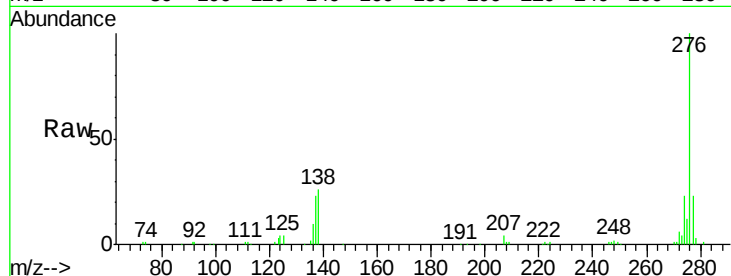
#91
 Benzo(a,h,i)perylene
 Concen: 21.35 ng
 RT: 19.29 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BF078164.D
 Acq: 1 Apr 2015 21:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.0	28.4
138	26.5	19.9	29.9

Manual Integrations
 APPROVED

apatel
 4/2/2015 5:51:03 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

