

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089200.D
 Acq On : 22 Jul 2016 18:41
 Operator : UM/SJ
 Sample : H3606-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Manual Integrations
 APPROVED

sohil
 7/25/2016 6:41:27 PM

Quant Time: Jul 22 23:19:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	56505	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	241600	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	120144	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	238961	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	180926	20.00	ng	-0.01
86) Perylene-d12	15.05	264	147916	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	425745	114.59	ng	-0.01
7) Phenol-d6	6.24	99	537745	112.24	ng	-0.03
23) Nitrobenzene-d5	7.15	82	355284	78.14	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	117945	109.04	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	652062	74.78	ng	-0.02
78) Terphenyl-d14	12.67	244	617902	74.08	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	26180	16.23	ng	# 93
3) Pyridine	2.72	79	54603	13.32	ng	98
4) n-Nitrosodimethylamine	2.66	42	28717	16.65	ng	97
6) Aniline	6.25	93	71806	11.09	ng	# 25
8) 2-Chlorophenol	6.36	128	85053	20.63	ng	83
9) Benzaldehyde	6.12	77	41901	14.10	ng	98
10) Phenol	6.25	94	110319	19.99	ng	# 58
11) bis(2-Chloroethyl)ether	6.33	93	92088	22.21	ng	100
12) 1,3-Dichlorobenzene	6.51	146	82765	18.18	ng	97
13) 1,4-Dichlorobenzene	6.59	146	89649	19.55	ng	98
14) 1,2-Dichlorobenzene	6.75	146	83825	19.39	ng	98
15) Benzyl Alcohol	6.74	79	73654	20.99	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.87	45	94806	20.07	ng	76
17) 2-Methylphenol	6.86	107	66343	20.43	ng	95
18) Hexachloroethane	7.08	117	33791	19.61	ng	97
19) n-Nitroso-di-n-propylamine	7.00	70	59955	19.13	ng	# 90
20) 3+4-Methylphenols	7.02	107	87243	19.79	ng	# 83
22) Acetophenone	7.00	105	126008	19.53	ng	# 96
24) Nitrobenzene	7.18	77	89194	18.60	ng	97
25) Isophorone	7.40	82	162548	19.40	ng	95
26) 2-Nitrophenol	7.48	139	42992	19.22	ng	97
27) 2,4-Dimethylphenol	7.54	122	70711	18.76	ng	98
28) bis(2-Chloroethoxy)methane	7.63	93	108762	20.75	ng	100
29) 2,4-Dichlorophenol	7.74	162	71103	20.94	ng	97
30) 1,2,4-Trichlorobenzene	7.82	180	72668	19.33	ng	100
31) Naphthalene	7.88	128	257015	19.71	ng	99
32) Benzoic acid	7.67	122	42295	14.59	ng	95
33) 4-Chloroaniline	7.95	127	54391	9.92	ng	# 95
34) Hexachlorobutadiene	8.01	225	39889	19.06	ng	97
35) Caprolactam	8.31	113	21657	20.53	ng	98
36) 4-Chloro-3-methylphenol	8.44	107	84651	20.69	ng	99
37) 2-Methylnaphthalene	8.58	142	165777	19.94	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	69802	15.63	ng	100
40) Hexachlorocyclopentadiene	8.73	237	31460	27.27	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089200.D
 Acq On : 22 Jul 2016 18:41
 Operator : UM/SJ
 Sample : H3606-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

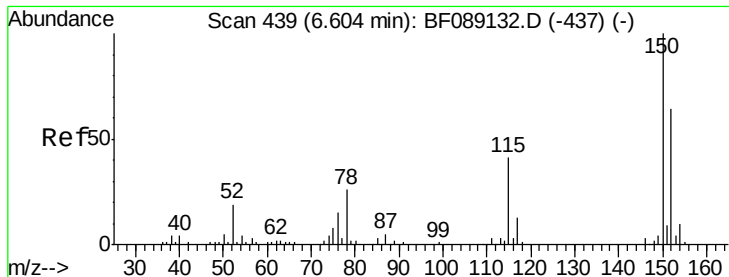
Manual Integrations
 APPROVED

sohil
 7/25/2016 6:41:27 PM

Quant Time: Jul 22 23:19:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	45480	18.20	ng	100
43) 2,4,5-Trichlorophenol	8.91	196	53593	21.36	ng	97
45) 1,1'-Biphenyl	9.04	154	196584	18.17	ng	100
46) 2-Chloronaphthalene	9.06	162	160354	19.50	ng	99
47) 2-Nitroaniline	9.16	65	51195	18.15	ng	97
48) Acenaphthylene	9.47	152	259205	20.05	ng	100
49) Dimethylphthalate	9.35	163	181687	19.71	ng	97
50) 2,6-Dinitrotoluene	9.42	165	40492	19.45	ng	99
51) Acenaphthene	9.64	154	149233	19.52	ng	99
52) 3-Nitroaniline	9.59	138	27889	11.28	ng	95
53) 2,4-Dinitrophenol	9.69	184	27455	31.64	ng	# 73
54) Dibenzofuran	9.82	168	223570	21.64	ng	99
55) 4-Nitrophenol	9.77	139	32010	21.40	ng	96
56) 2,4-Dinitrotoluene	9.82	165	57967	21.62	ng	98
57) Fluorene	10.16	166	188452	21.49	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	42186	23.41	ng	97
59) Diethylphthalate	10.04	149	186408	20.39	ng	98
60) 4-Chlorophenyl-phenylether	10.16	204	82744	20.67	ng	# 90
61) 4-Nitroaniline	10.19	138	45769	19.03	ng	97
62) Azobenzene	10.32	77	213271	21.47	ng	87
64) 4,6-Dinitro-2-methylphenol	10.23	198	25002	17.97	ng	93
65) n-Nitrosodiphenylamine	10.27	169	155839	19.51	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	47950	20.28	ng	94
67) Hexachlorobenzene	10.71	284	46762	18.39	ng	# 96
68) Atrazine	10.81	200	52476	21.01	ng	98
69) Pentachlorophenol	10.90	266	32154	27.40	ng	98
70) Phenanthrene	11.11	178	263418	20.10	ng	99
71) Anthracene	11.16	178	281426	20.65	ng	100
72) Carbazole	11.32	167	261000	21.81	ng	99
73) Di-n-butylphthalate	11.67	149	308954	20.87	ng	98
74) Fluoranthene	12.29	202	266857	19.37	ng	99
76) Benzidine	12.42	184	54737	8.80	ng	99
77) Pyrene	12.51	202	285082	19.08	ng	99
79) Butylbenzylphthalate	13.14	149	127118	20.11	ng	87
80) Benzo(a)anthracene	13.70	228	225254	19.55	ng	99
81) 3,3'-Dichlorobenzidine	13.67	252	64833	16.96	ng	# 98
82) Chrysene	13.74	228	229257	20.83	ng	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	179095	21.36	ng	# 96
84) Di-n-octyl phthalate	14.32	149	298023	21.54	ng	99
85) Indeno(1,2,3-cd)pyrene	16.27	276	160829	20.12	ng	100
87) Benzo(b)fluoranthene	14.70	252	214000m	19.97	ng	
88) Benzo(k)fluoranthene	14.72	252	170925m	22.31	ng	
89) Benzo(a)pyrene	14.99	252	174943	21.03	ng	99
90) Dibenzo(a,h)anthracene	16.27	278	134005	20.41	ng	# 93
91) Benzo(g,h,i)perylene	16.63	276	129137	19.50	ng	96

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



#1

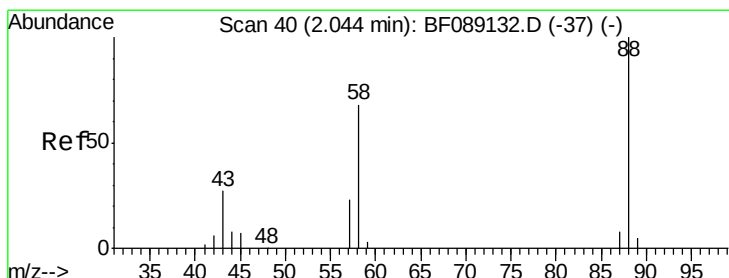
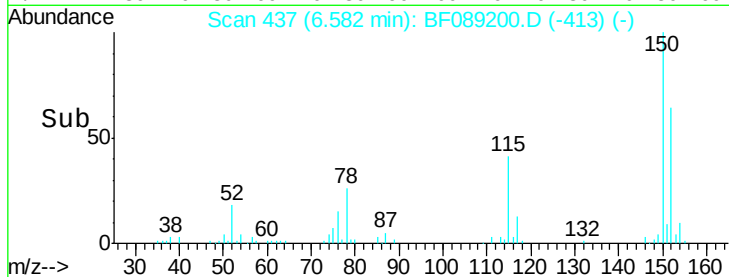
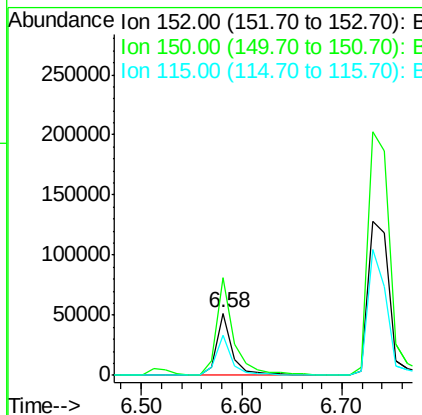
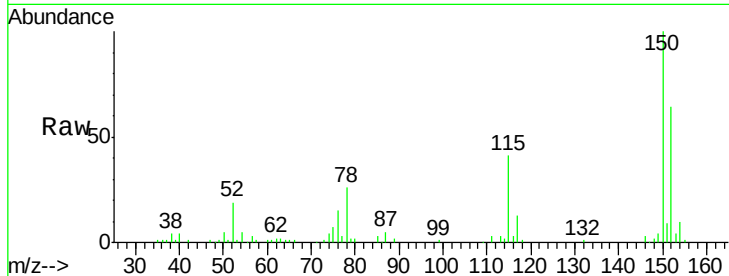
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.1	187.7
115	63.9	51.1	76.7

Manual Integrations
APPROVED

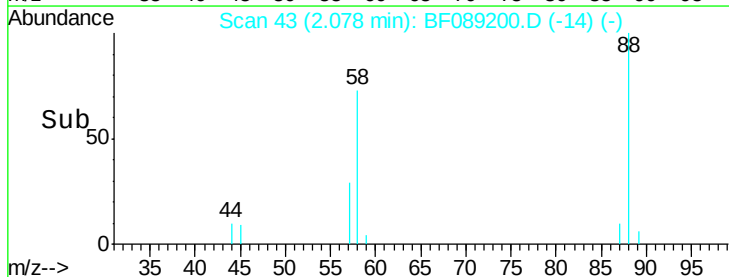
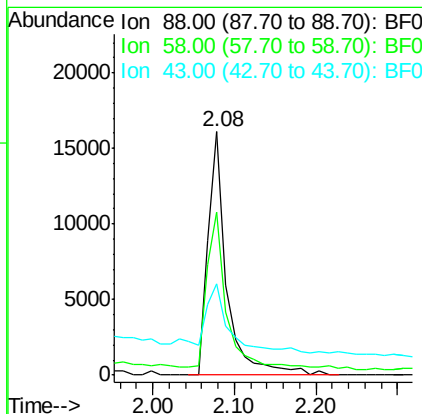
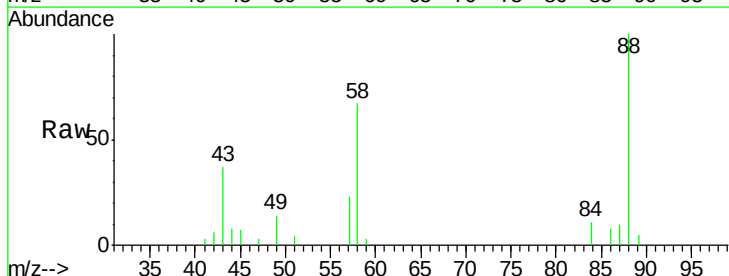
sohil
7/25/2016 6:41:27 PM

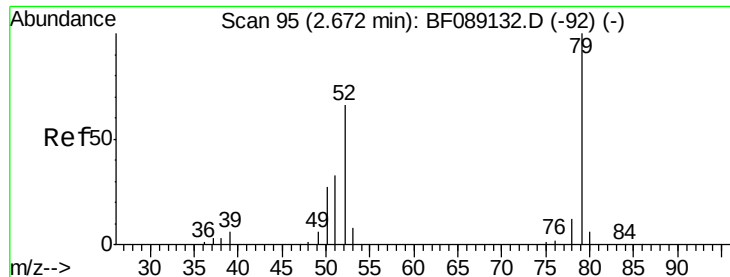


#2

1,4-Dioxane
Concen: 16.23 ng
RT: 2.08 min Scan# 43
Delta R.T. 0.03 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.8	49.2	73.8
43	35.0	20.6	30.8





#3

Pyridine

Concen: 13.32 ng

RT: 2.72 min Scan# 99

Delta R.T. 0.05 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

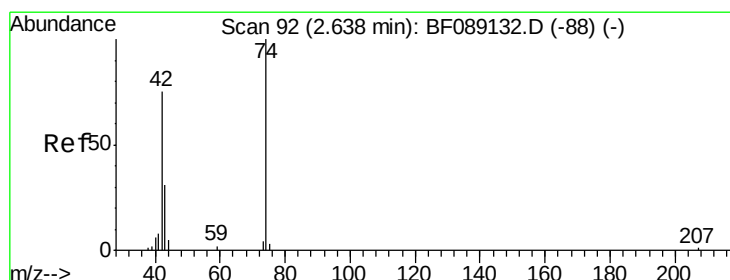
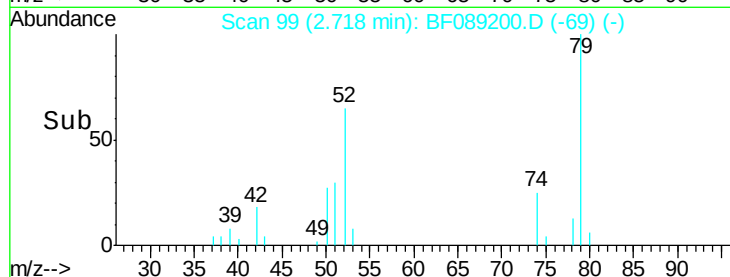
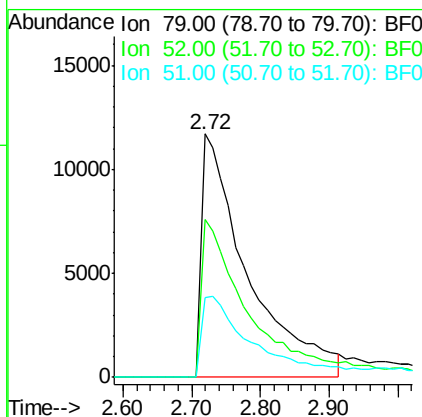
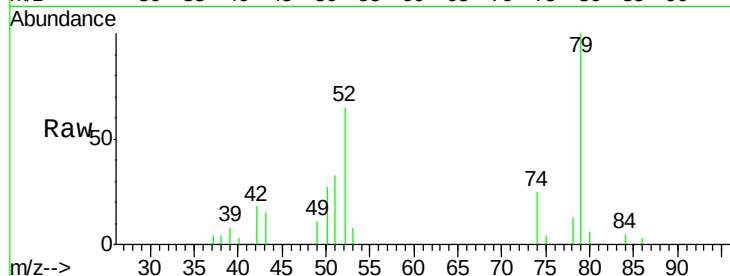
ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:	79	Resp:	54603
Ion	Ratio	Lower	Upper
79	100		
52	64.8	52.9	79.3
51	32.8	27.0	40.6

Manual Integrations
APPROVED

sohil
7/25/2016 6:41:27 PM



#4

n-Nitrosodimethylamine

Concen: 16.65 ng

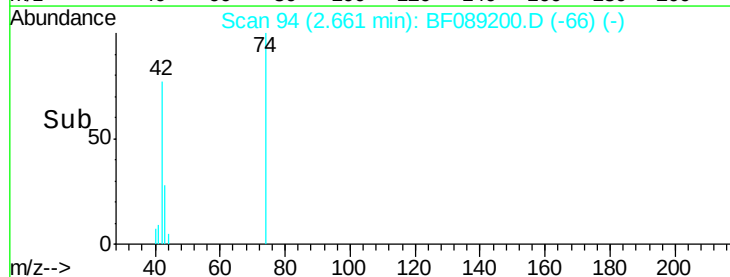
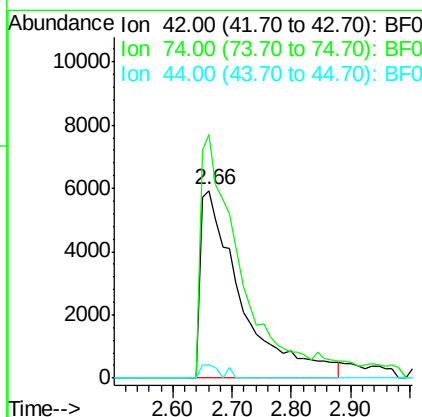
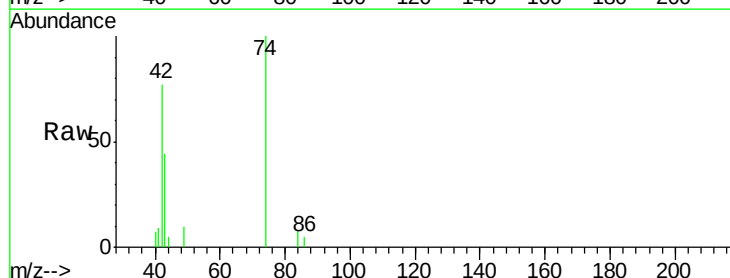
RT: 2.66 min Scan# 94

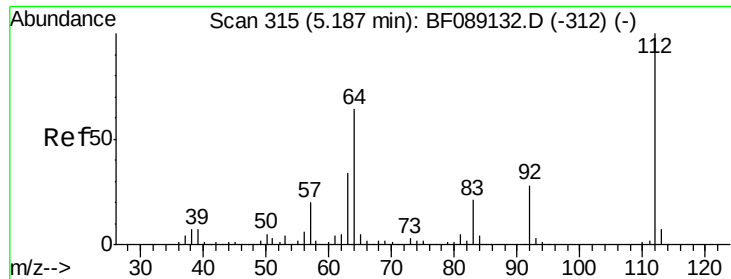
Delta R.T. 0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Tgt Ion:	42	Resp:	28717
Ion	Ratio	Lower	Upper
42	100		
74	129.7	106.4	159.6
44	6.8	5.2	7.8





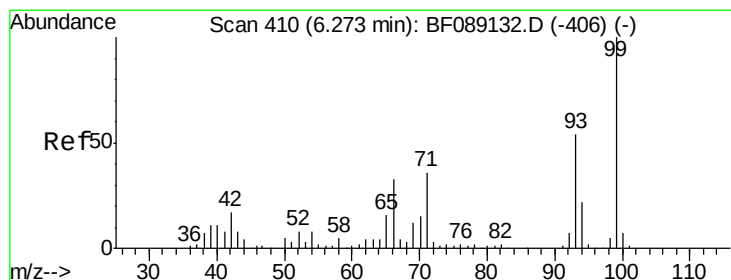
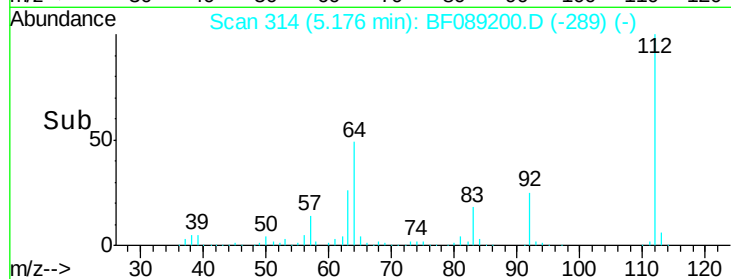
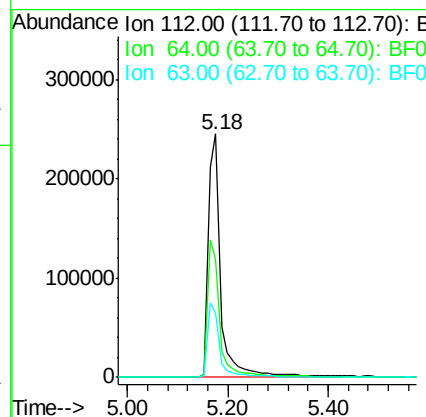
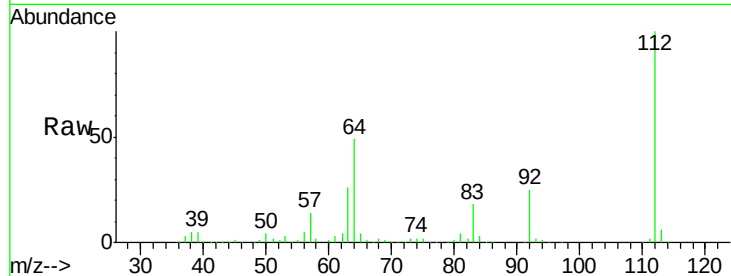
#5
2-Fluorophenol
Concen: 114.59 ng
RT: 5.18 min Scan# 314
Delta R.T. -0.01 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	48.7	51.0	76.4#
63	26.2	27.3	40.9#

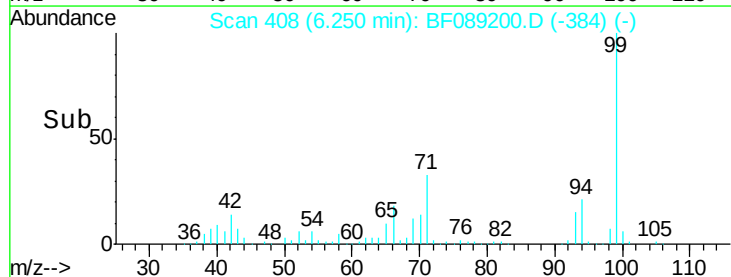
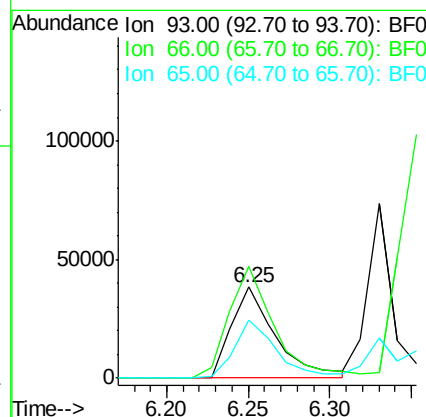
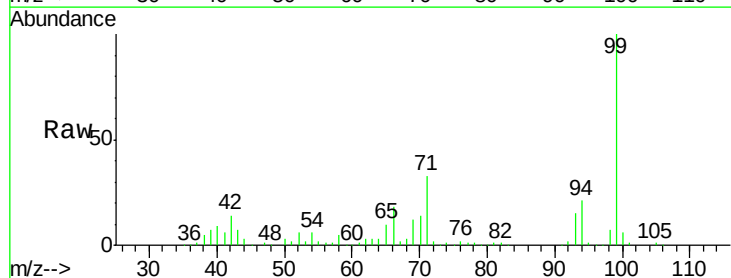
Manual Integrations
APPROVED

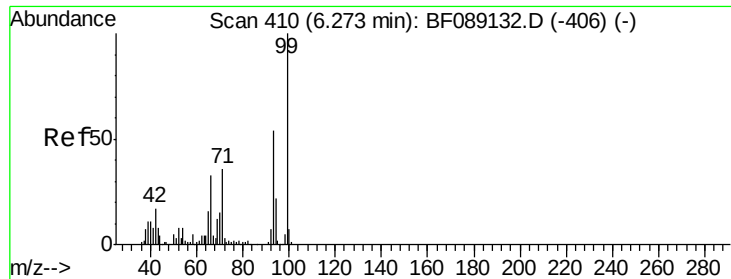
sohil
7/25/2016 6:41:27 PM



#6
Aniline
Concen: 11.09 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	122.3	48.9	73.3#
65	64.4	23.9	35.9#





#7

Phenol-d6

Concen: 112.24 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

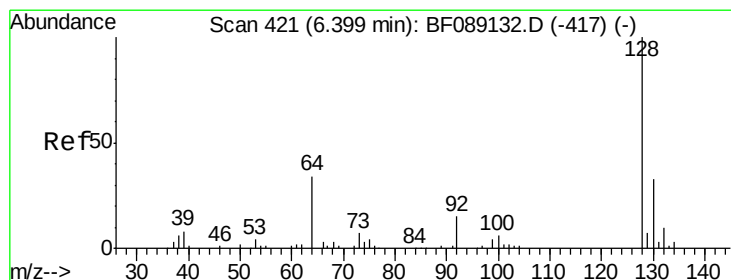
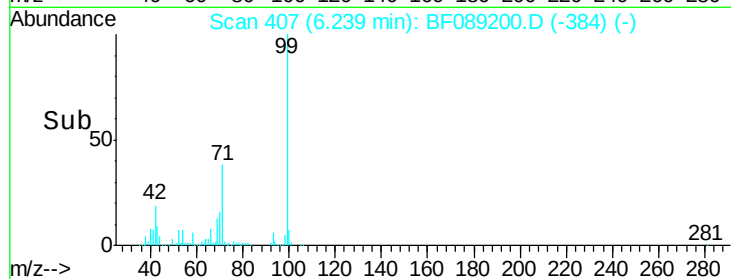
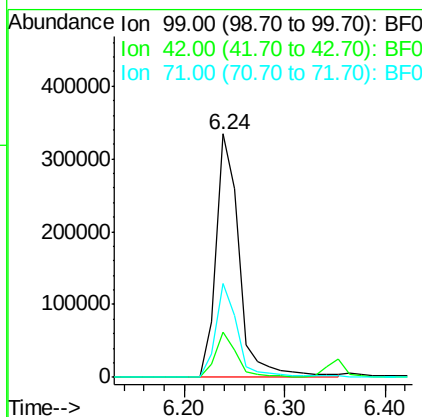
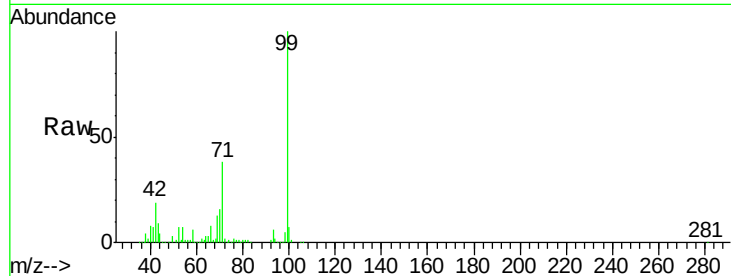
ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:	99	Resp:	537745
Ion Ratio	Lower	Upper	
99	100		
42	18.5	13.5	20.3
71	38.4	28.9	43.3

Manual Integrations
APPROVED

sohil
7/25/2016 6:41:27 PM



#8

2-Chlorophenol

Concen: 20.63 ng

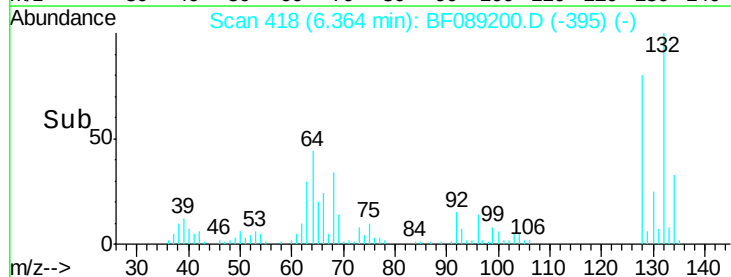
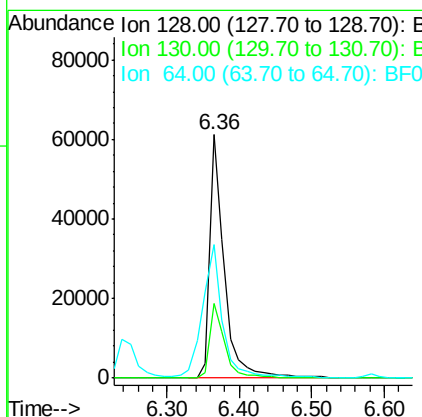
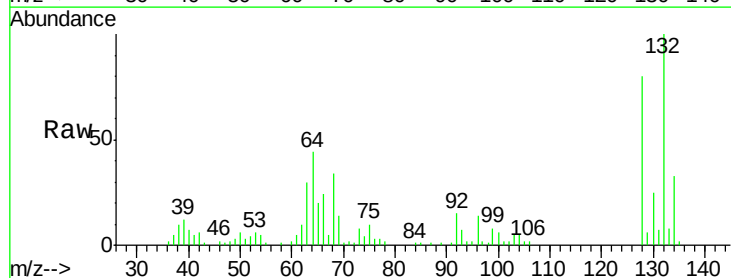
RT: 6.36 min Scan# 418

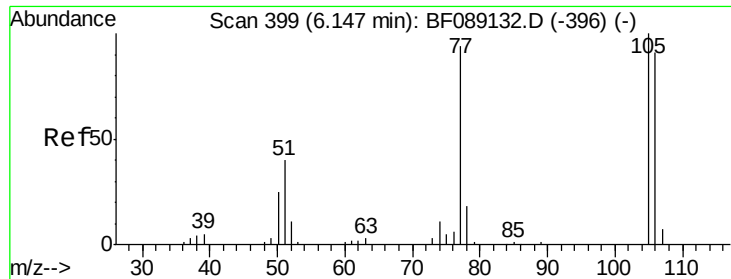
Delta R.T. -0.03 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Tgt Ion:	128	Resp:	85053
Ion Ratio	Lower	Upper	
128	100		
130	30.8	12.6	52.6
64	55.1	17.5	57.5





#9

Benzaldehyde

Concen: 14.10 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion: 77 Resp: 41901

Ion Ratio Lower Upper

77 100

105 104.6 86.2 126.2

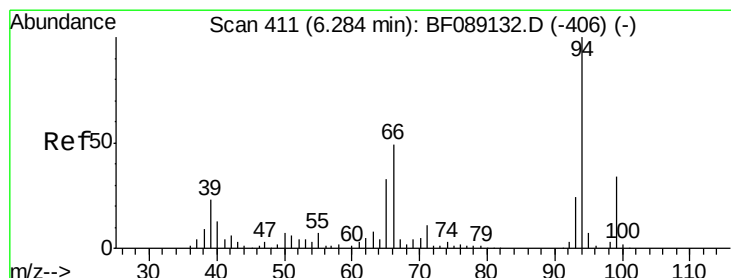
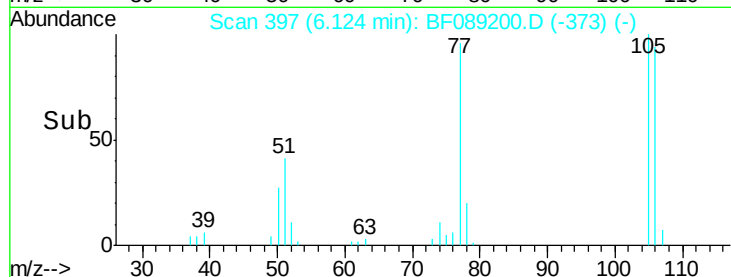
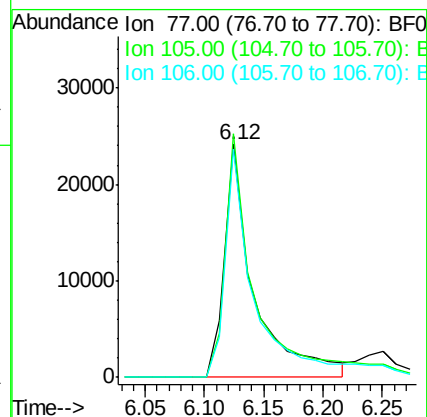
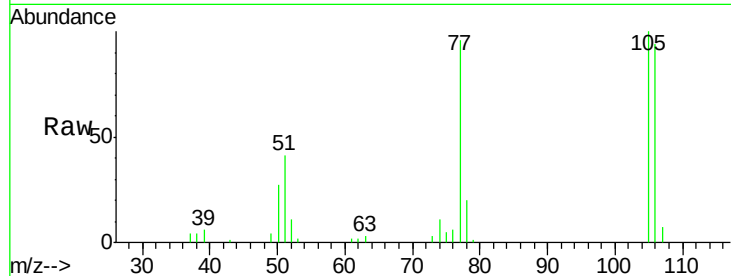
106 97.8 76.3 116.3

Manual Integrations

APPROVED

sohil

7/25/2016 6:41:27 PM



#10

Phenol

Concen: 19.99 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

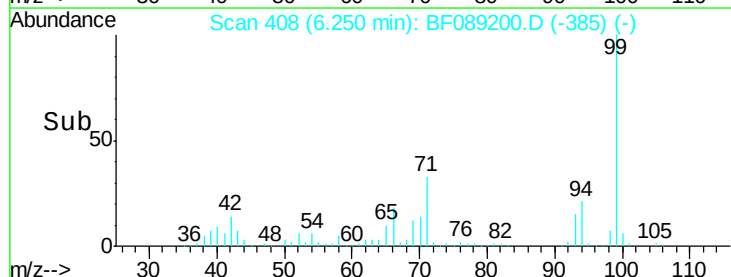
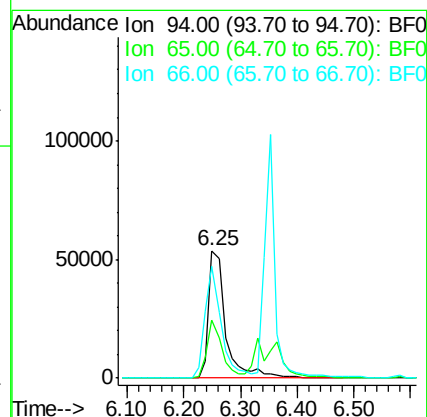
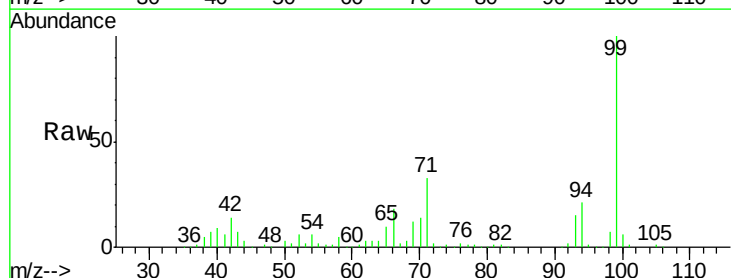
Tgt Ion: 94 Resp: 110319

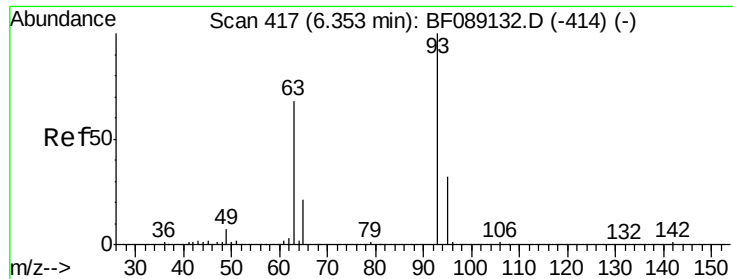
Ion Ratio Lower Upper

94 100

65 45.9 13.3 53.3

66 87.3 29.3 69.3#





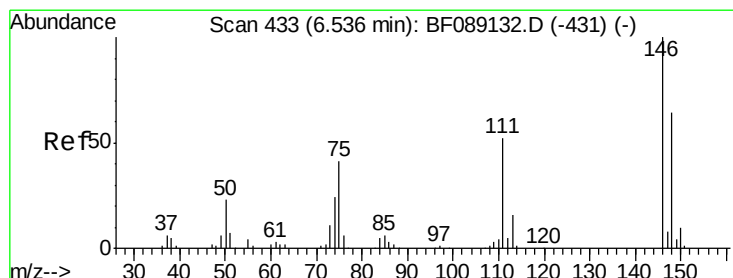
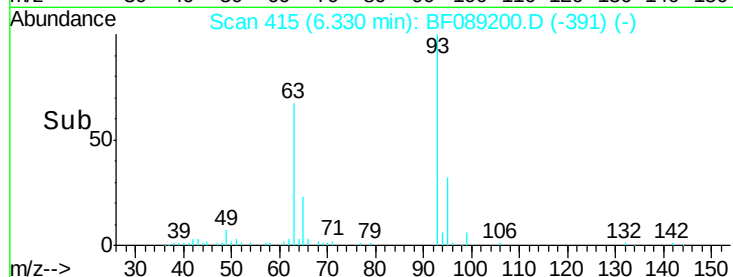
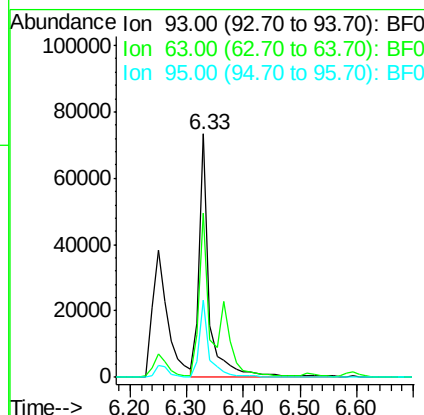
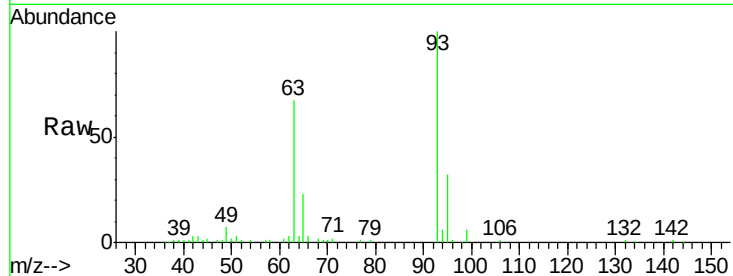
#11
bis(2-Chloroethyl)ether
Concen: 22.21 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion:	93	Resp:	92088
Ion	Ratio	Lower	Upper
93	100		
63	67.5	47.3	87.3
95	31.6	11.8	51.8

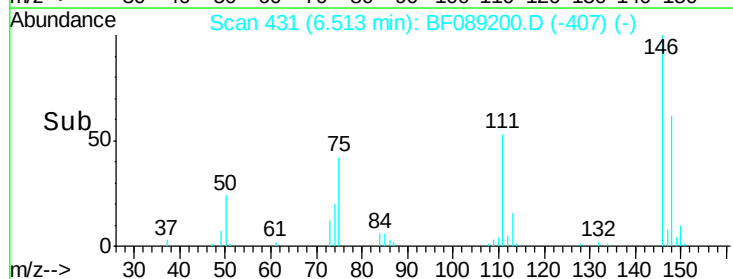
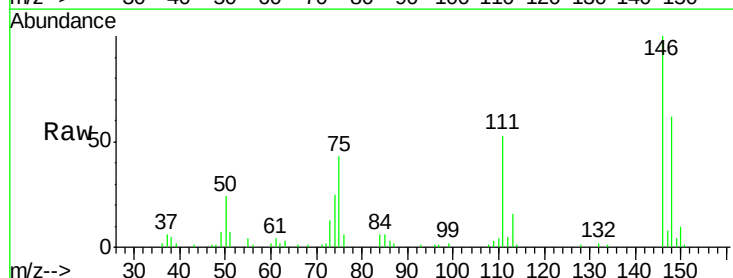
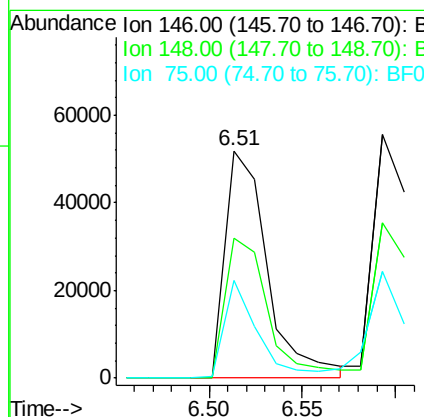
Manual Integrations
APPROVED

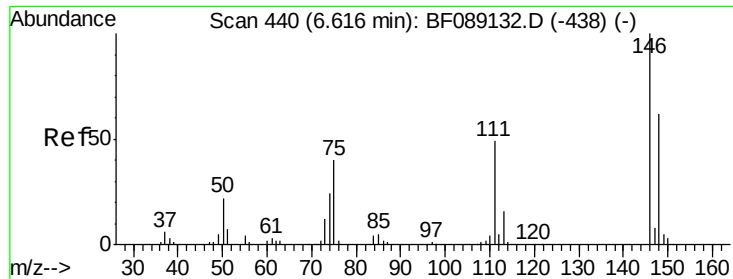
sohil
7/25/2016 6:41:27 PM



#12
1,3-Dichlorobenzene
Concen: 18.18 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion:	146	Resp:	82765
Ion	Ratio	Lower	Upper
146	100		
148	61.8	51.0	76.6
75	42.9	32.5	48.7





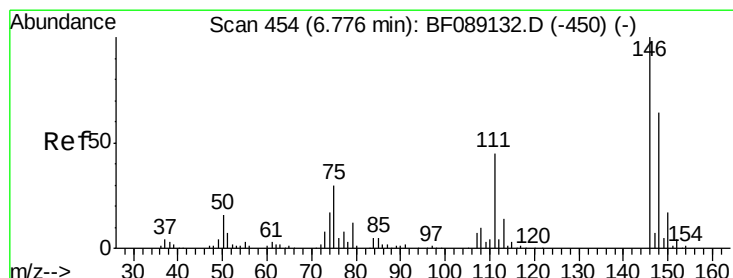
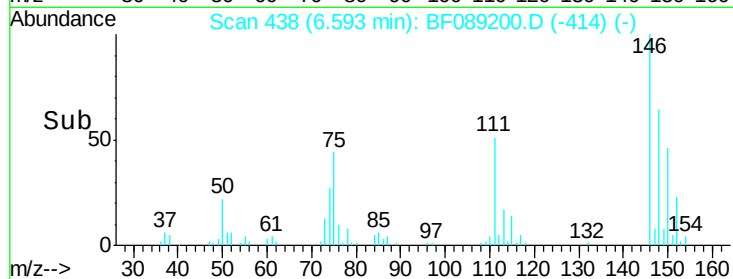
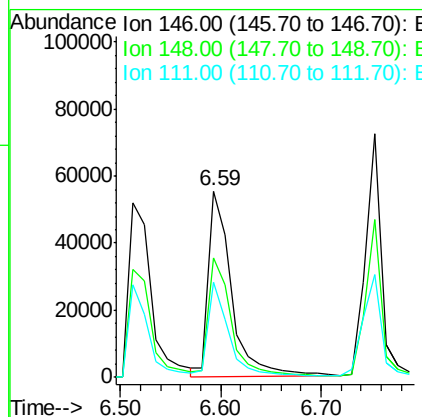
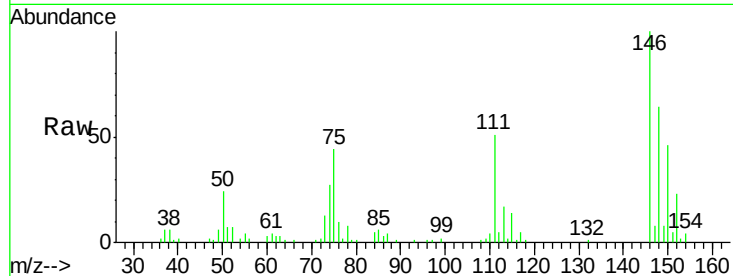
#13
 1,4-Dichlorobenzene
 Concen: 19.55 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleID :
 LOQ-WATER2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	89649		
148	63.9		49.9	74.9
111	51.2		39.8	59.6

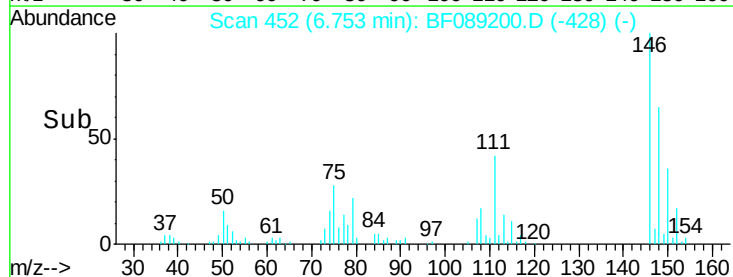
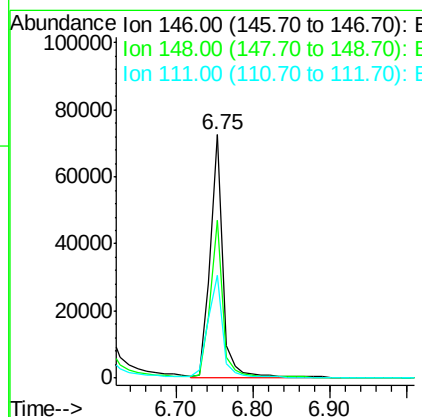
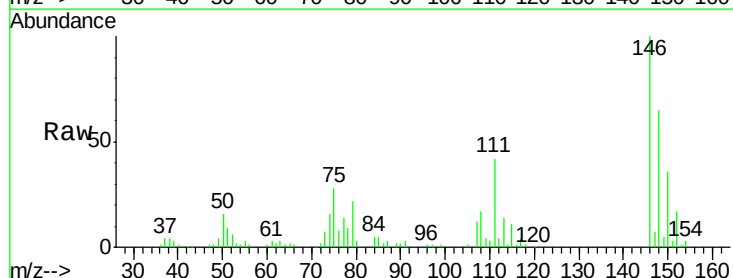
Manual Integrations
 APPROVED

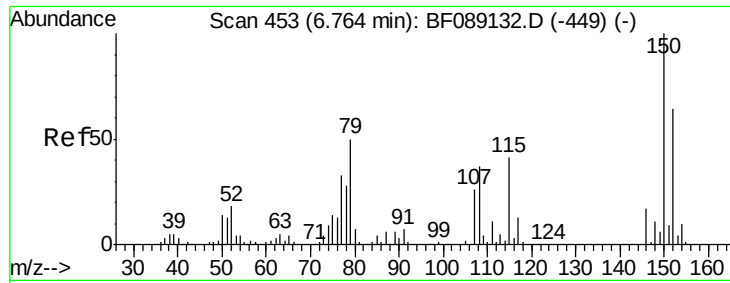
sohil
 7/25/2016 6:41:27 PM



#14
 1,2-Dichlorobenzene
 Concen: 19.39 ng
 RT: 6.75 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	83825		
148	65.1		51.4	77.0
111	42.4		35.9	53.9





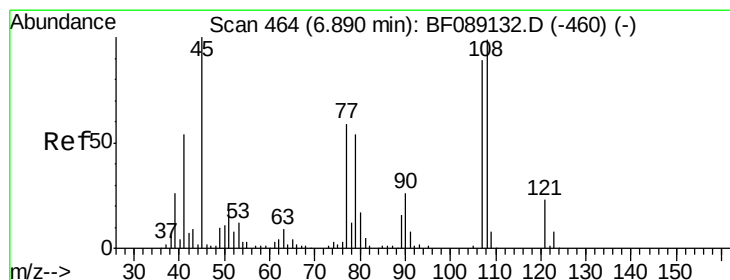
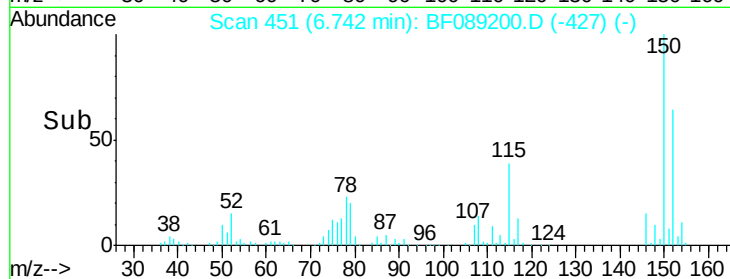
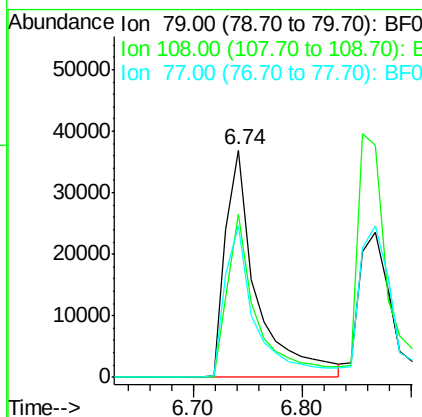
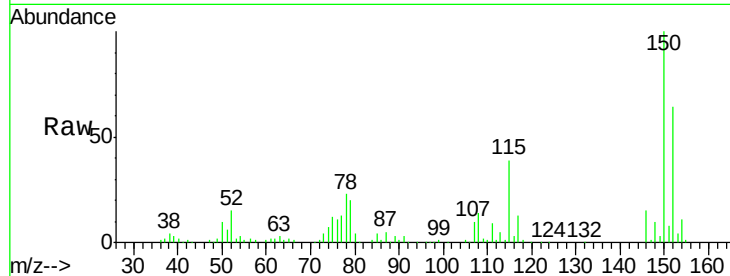
#15
Benzyl Alcohol
Concen: 20.99 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion: 79 Resp: 73654
Ion Ratio Lower Upper
79 100
108 71.6 58.2 87.4
77 66.6 52.2 78.4

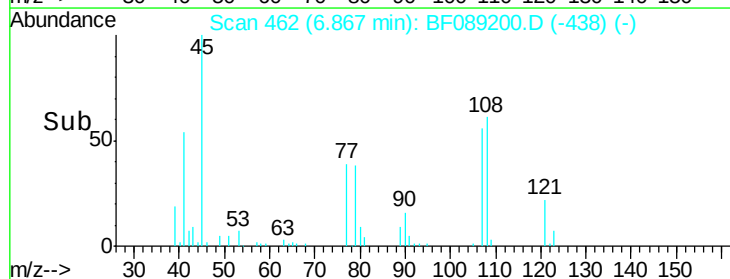
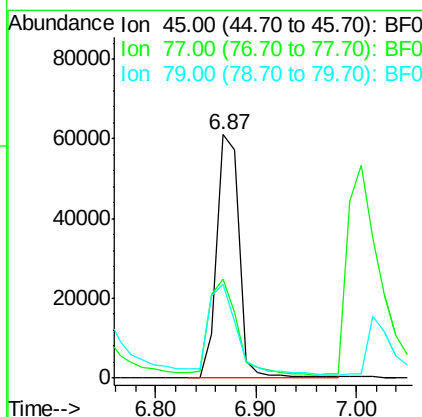
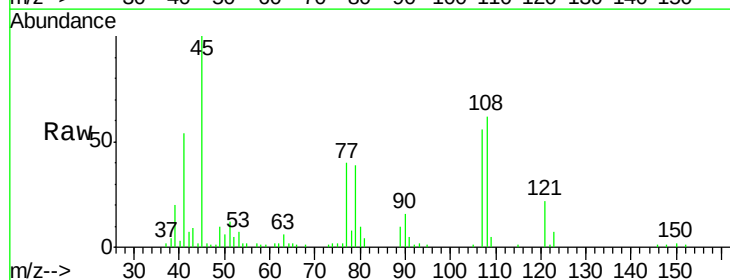
Manual Integrations
APPROVED

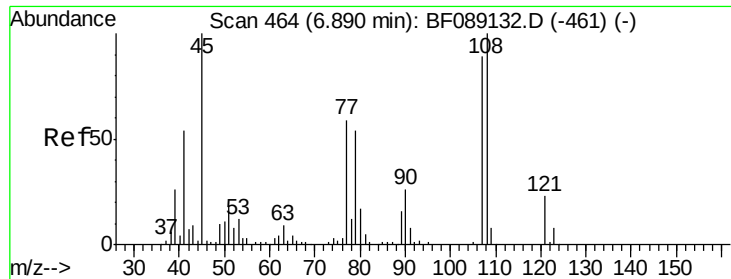
sohil
7/25/2016 6:41:27 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.07 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion: 45 Resp: 94806
Ion Ratio Lower Upper
45 100
77 40.5 39.7 79.7
79 38.5 34.7 74.7





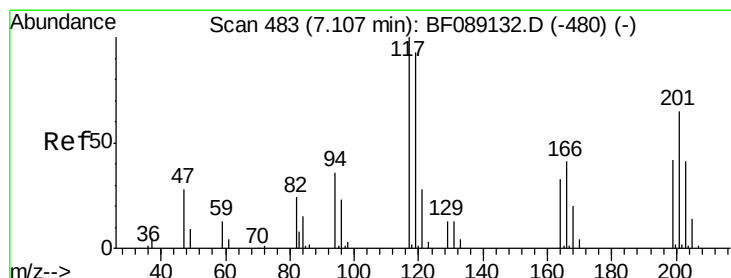
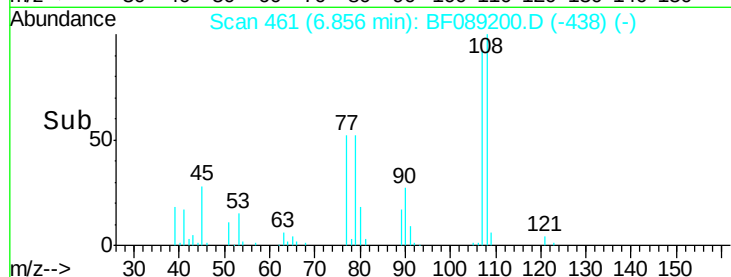
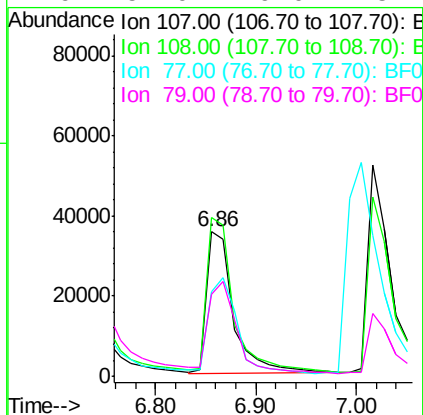
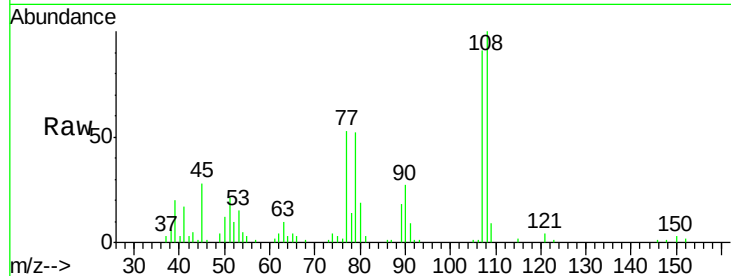
#17
2-Methylphenol
Concen: 20.43 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	66343		
108	109.7	89.4	134.2	
77	58.6	53.4	80.0	
79	57.0	49.0	73.4	

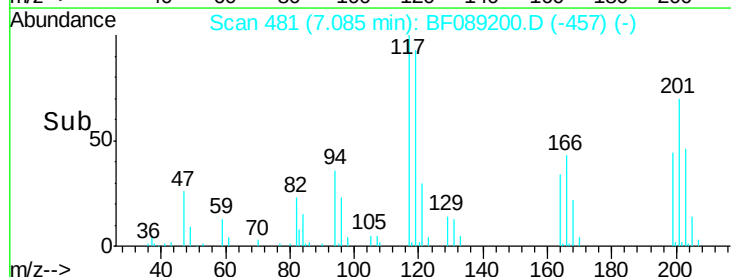
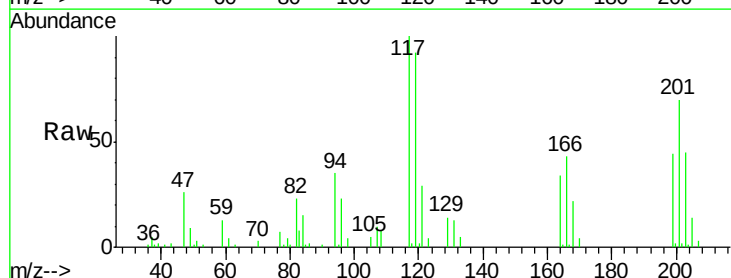
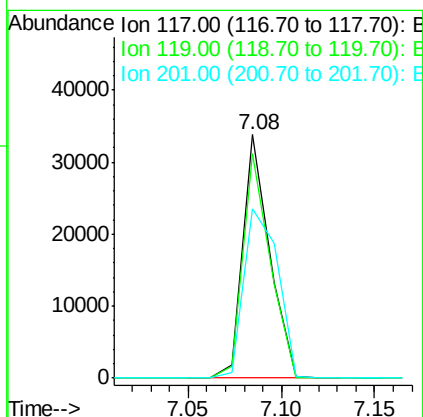
Manual Integrations
APPROVED

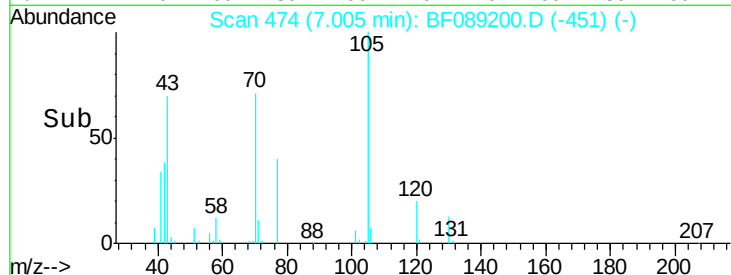
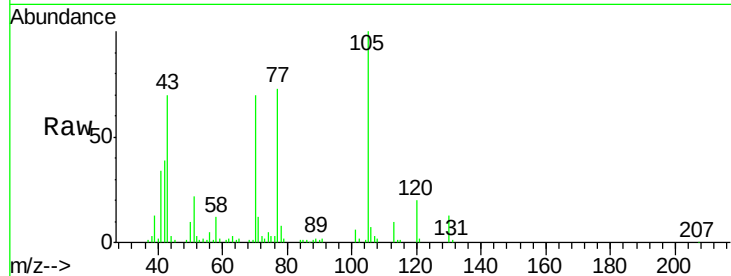
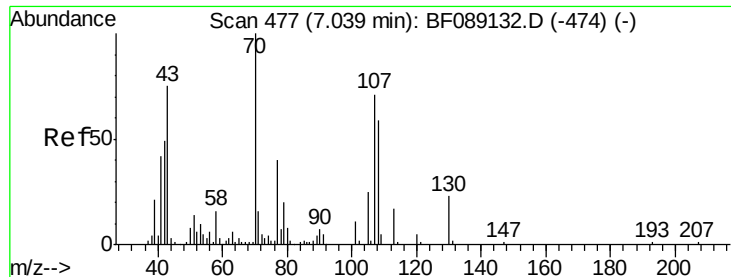
sohil
7/25/2016 6:41:27 PM



#18
Hexachloroethane
Concen: 19.61 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	33791		
119	92.1	74.5	111.7	
201	69.6	51.8	77.6	





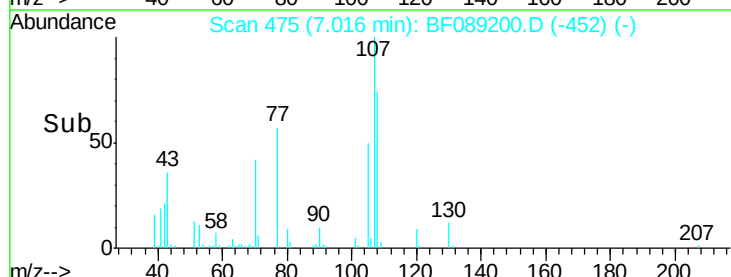
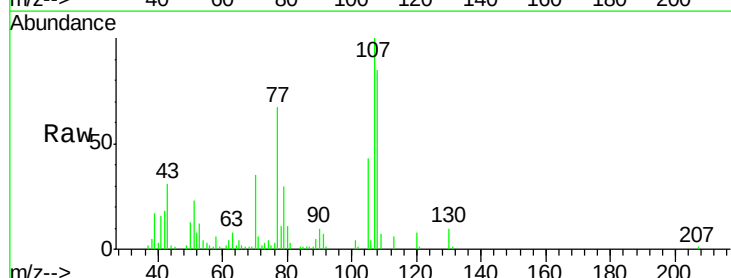
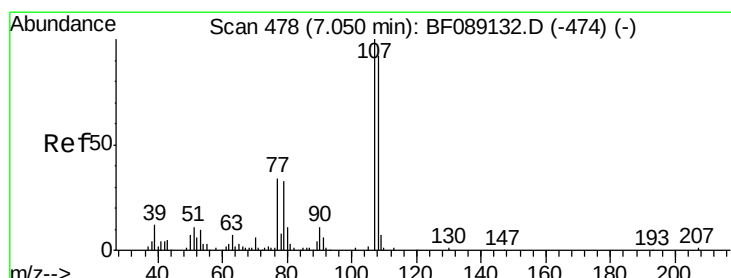
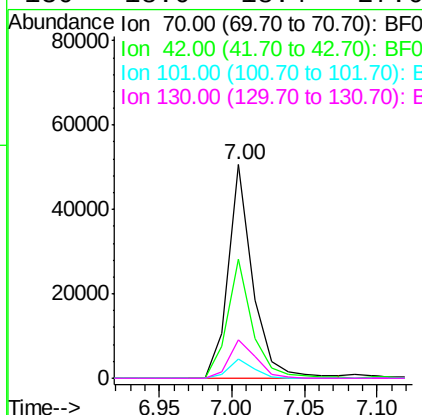
#19
n-Nitroso-di-n-propylamine
Concen: 19.13 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.0	39.2	58.8
101	8.9	8.5	12.7
130	18.0	18.4	27.6#

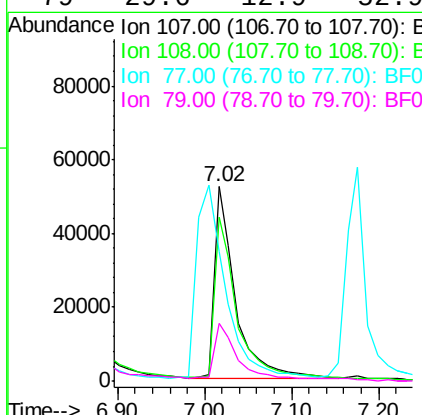
Manual Integrations
APPROVED

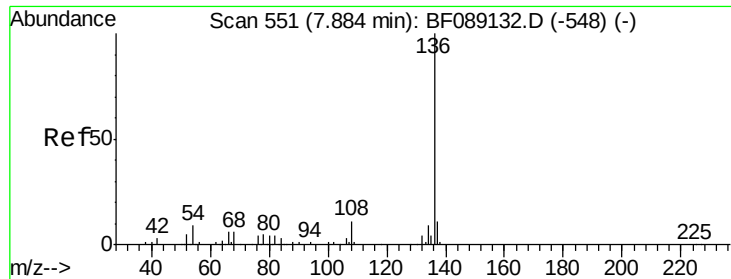
sohil
7/25/2016 6:41:27 PM



#20
3+4-Methylphenols
Concen: 19.79 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.03 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.5	72.5	112.5
77	66.7	17.7	57.7#
79	29.6	12.9	52.9





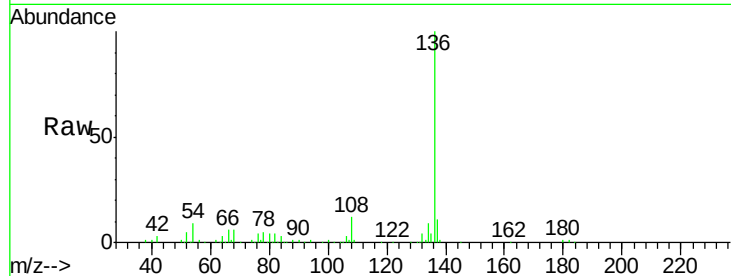
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	241600		
137	11.1	8.8	13.2	
54	8.8	7.0	10.4	
68	6.3	5.0	7.6	

Manual Integrations
APPROVED

sohil
7/25/2016 6:41:27 PM



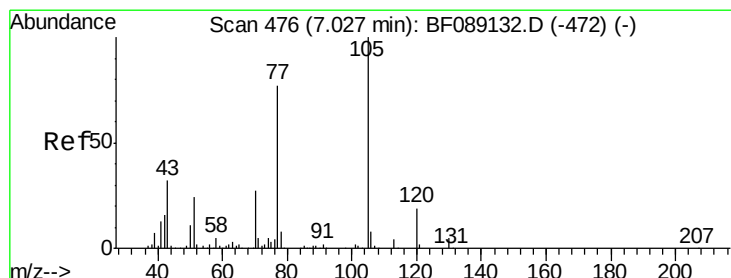
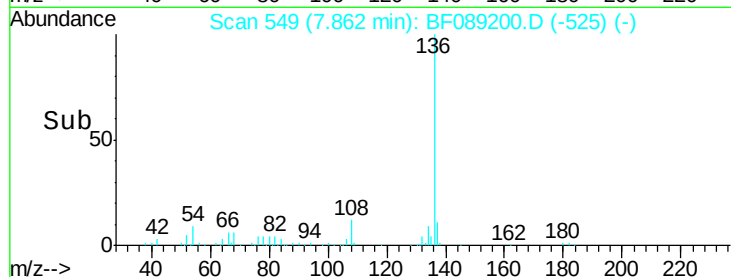
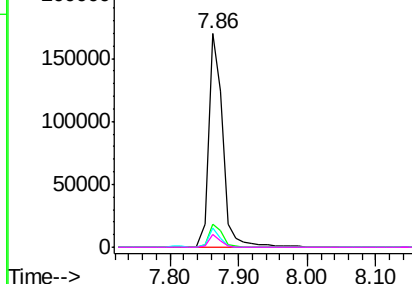
Abundance

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: 19.53 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	126008		
71	11.6	3.8	5.6#	
51	22.5	19.6	29.4	
120	19.7	15.5	23.3	

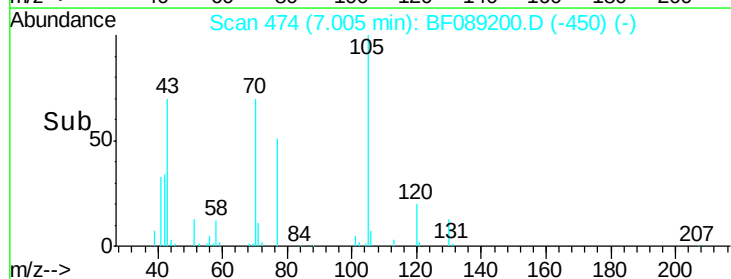
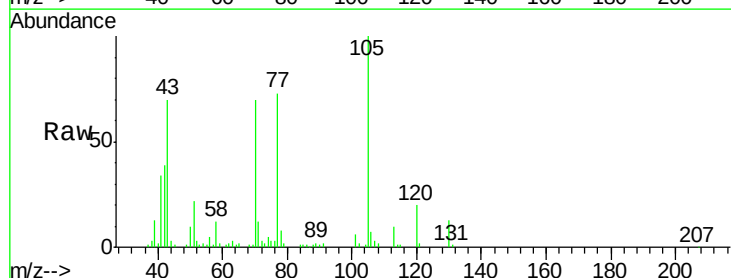
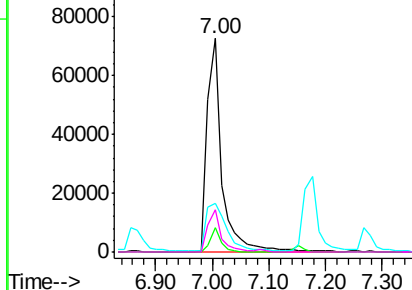
Abundance

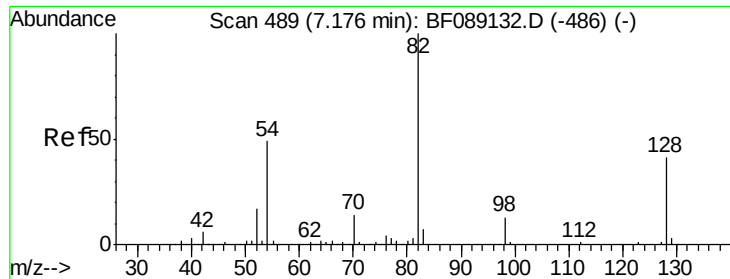
Ion 105.00 (104.70 to 105.70): E

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





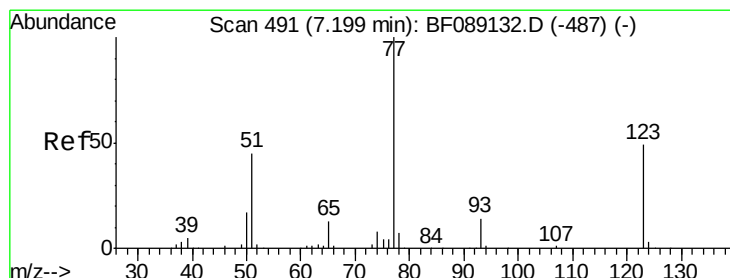
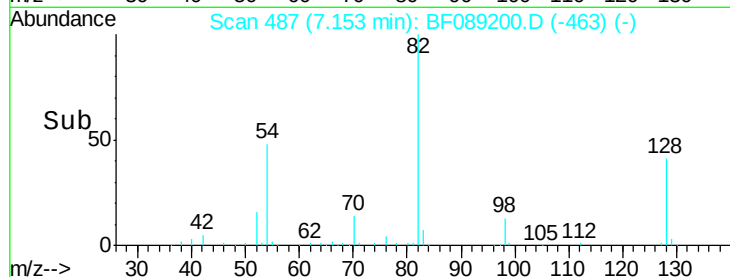
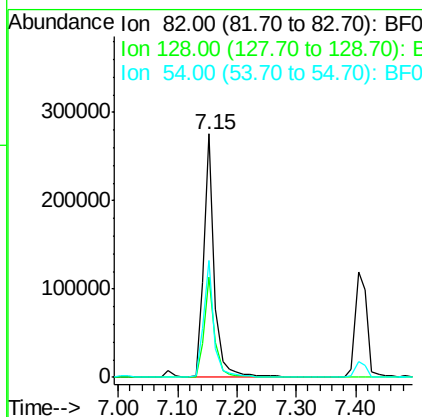
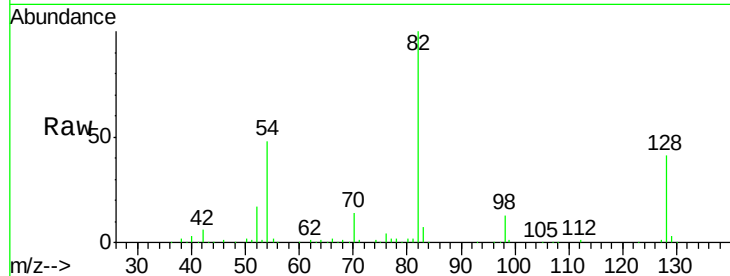
#23
 Nitrobenzene-d5
 Concen: 78.14 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	355284		
128	40.9	33.0	49.6	
54	48.2	39.0	58.4	

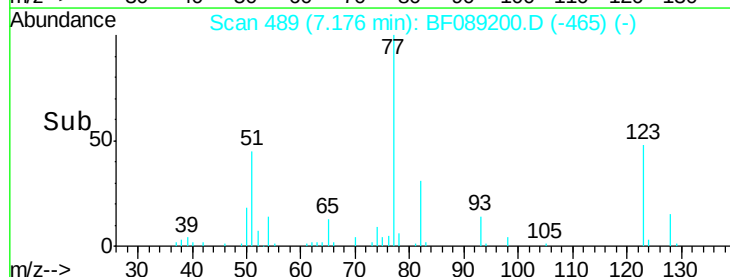
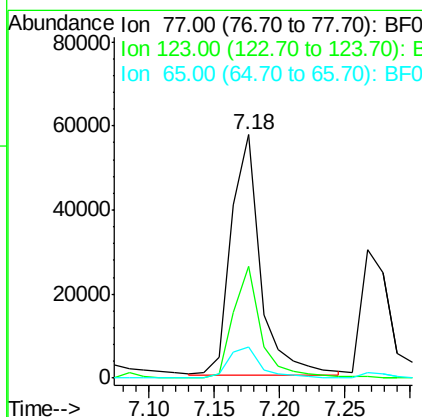
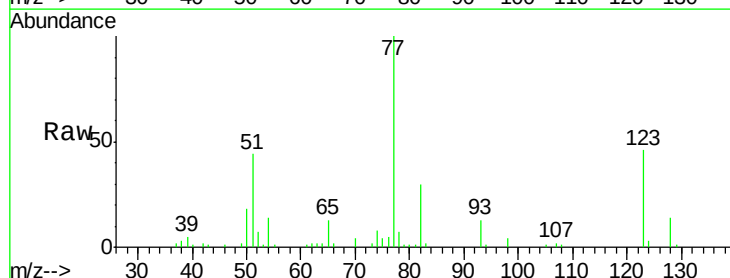
Manual Integrations
 APPROVED

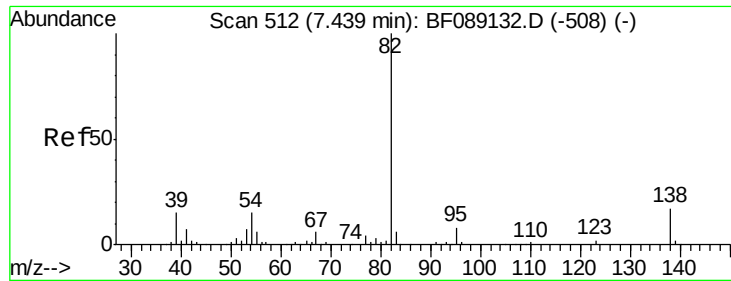
sohil
 7/25/2016 6:41:27 PM



#24
 Nitrobenzene
 Concen: 18.60 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	89194		
123	46.0	38.9	58.3	
65	12.8	10.6	15.8	





#25

Isophorone

Concen: 19.40 ng

RT: 7.40 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

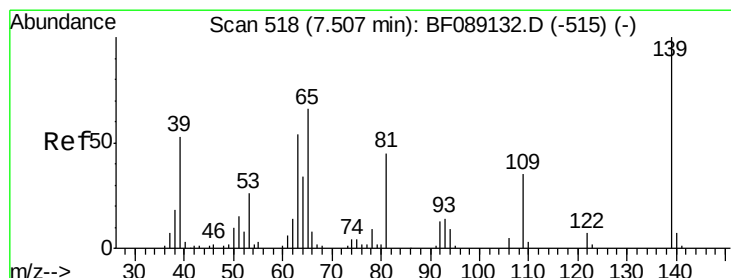
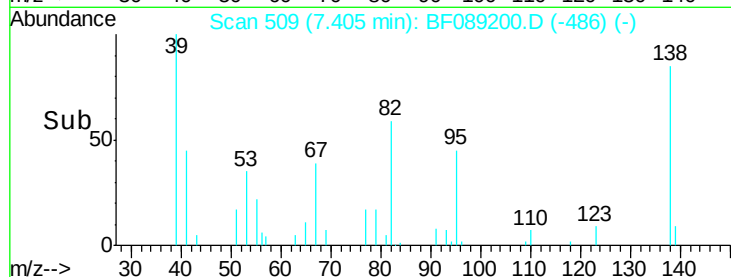
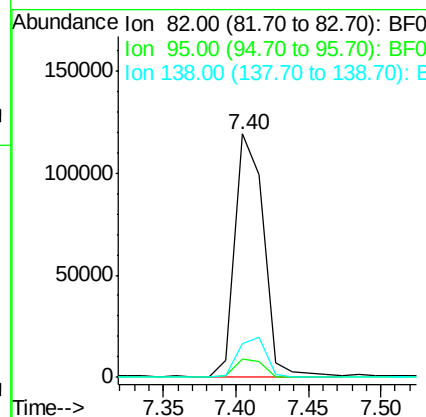
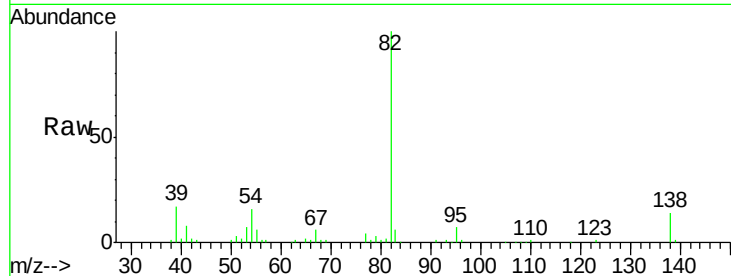
ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:	82	Resp:	162548
Ion Ratio	Lower	Upper	
82	100		
95	7.3	6.1	9.1
138	13.8	13.6	20.4

Manual Integrations
APPROVED

sohil
7/25/2016 6:41:27 PM



#26

2-Nitrophenol

Concen: 19.22 ng

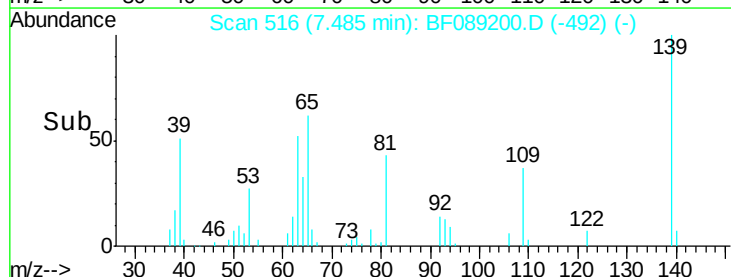
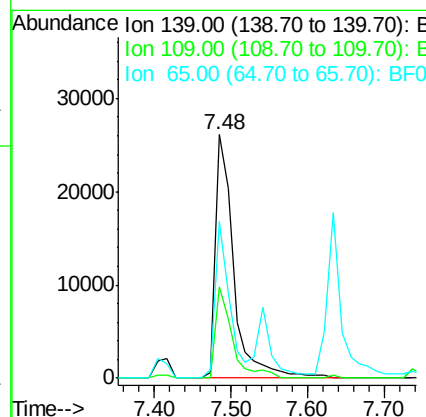
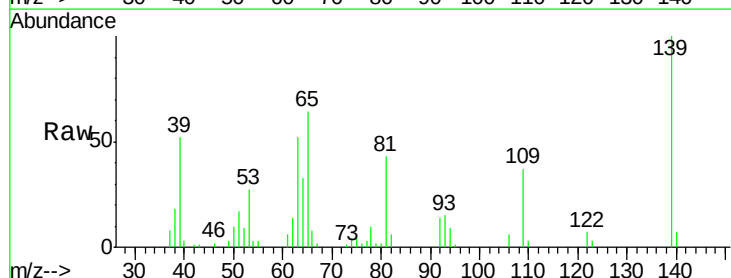
RT: 7.48 min Scan# 516

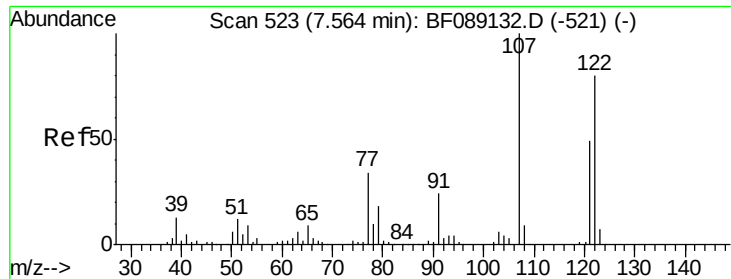
Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Tgt Ion:	139	Resp:	42992
Ion Ratio	Lower	Upper	
139	100		
109	37.3	28.1	42.1
65	64.2	52.7	79.1





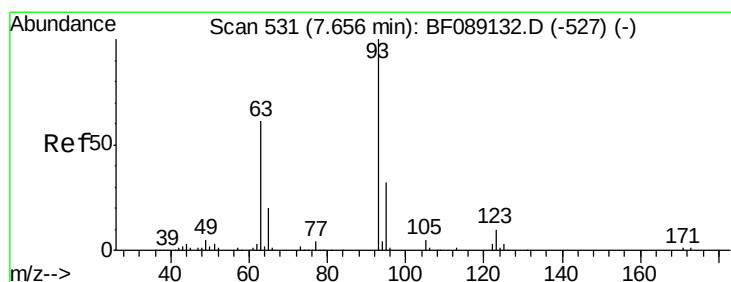
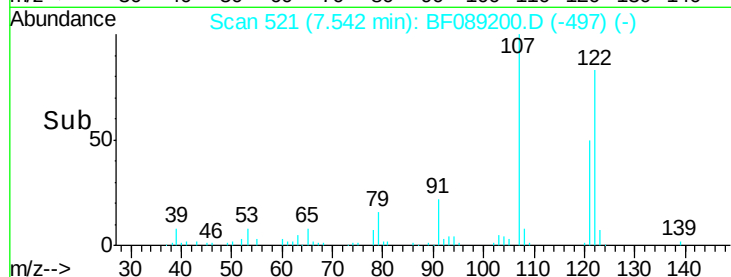
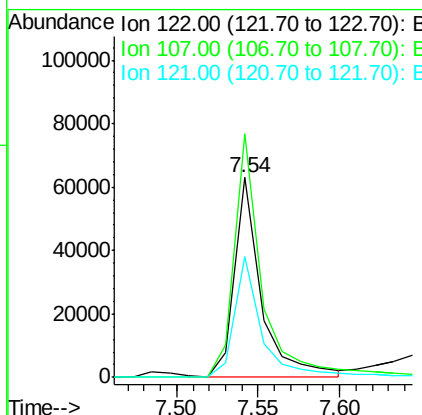
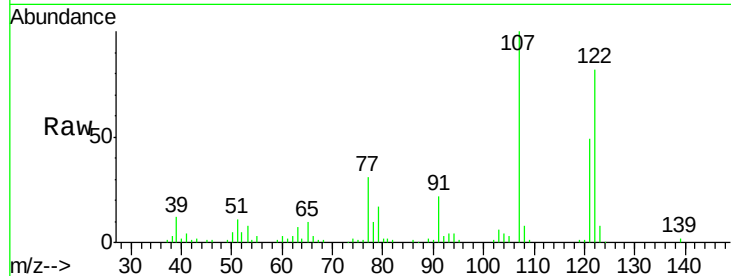
#27
2,4-Dimethylphenol
Concen: 18.76 ng
RT: 7.54 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	70711		
107	121.8	99.7	149.5	
121	60.1	48.5	72.7	

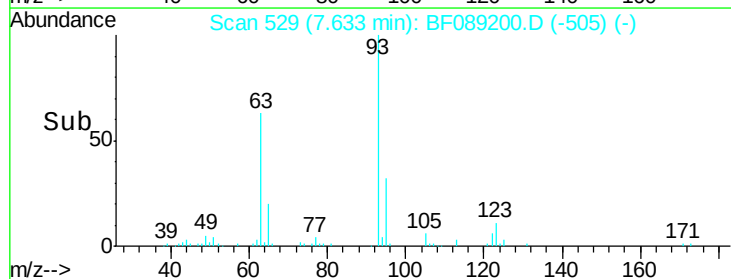
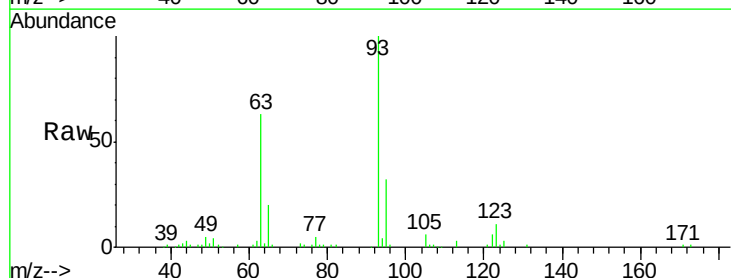
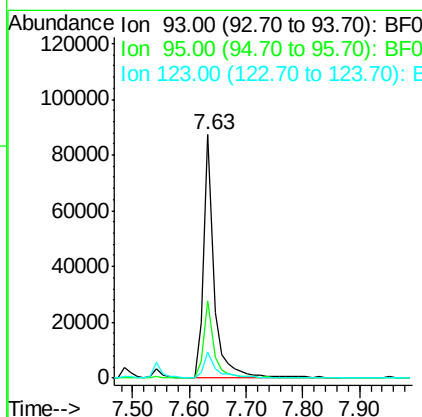
Manual Integrations
APPROVED

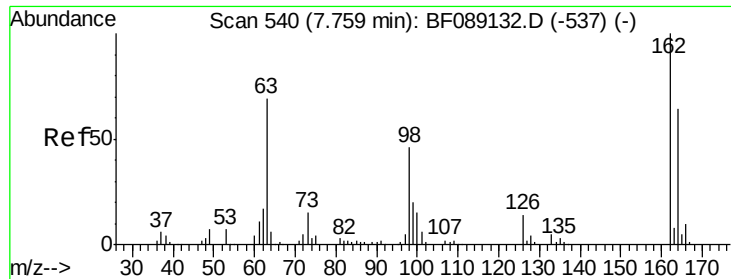
sohil
7/25/2016 6:41:27 PM



#28
bis(2-Chloroethoxy)methane
Concen: 20.75 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	108762		
95	31.6	25.4	38.0	
123	10.6	8.3	12.5	





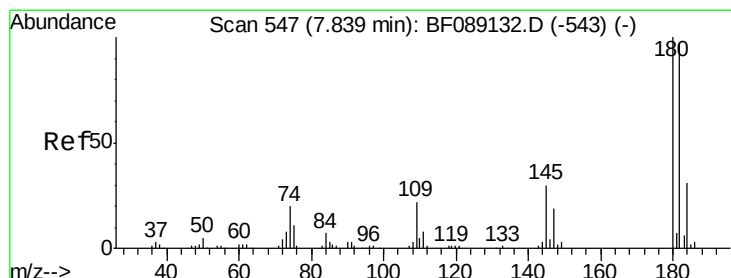
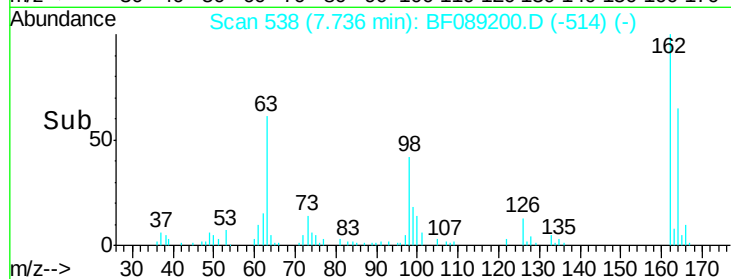
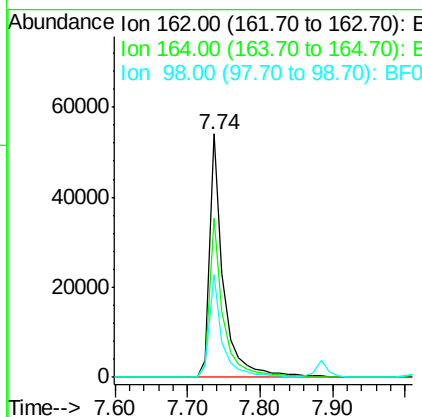
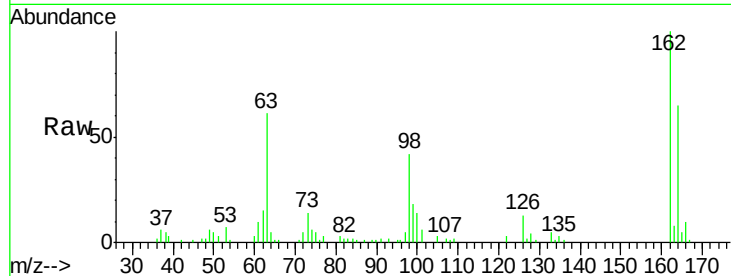
#29
 2,4-Dichlorophenol
 Concen: 20.94 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	71103		
164	65.3	44.0	84.0	
98	42.4	26.0	66.0	

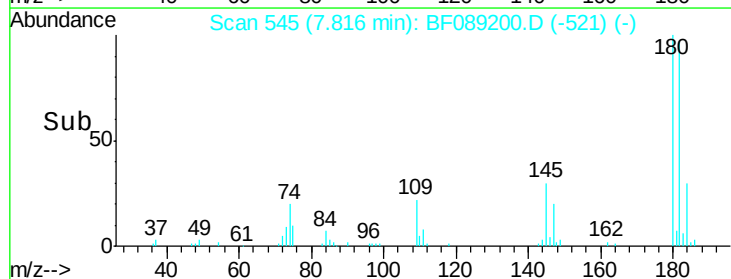
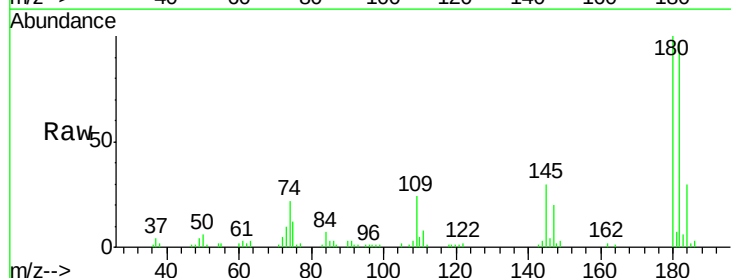
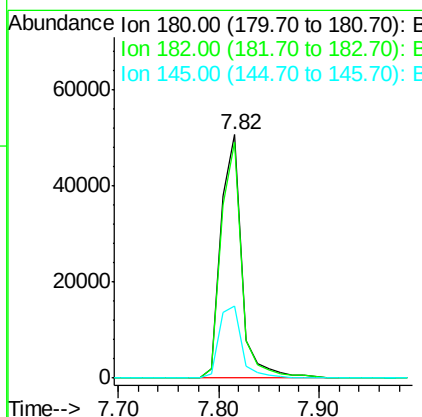
Manual Integrations
 APPROVED

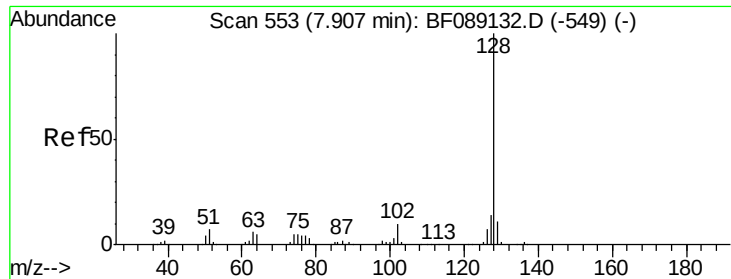
sohil
 7/25/2016 6:41:27 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 19.33 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	72668		
182	96.7	77.6	116.4	
145	29.6	24.0	36.0	





#31

Naphthalene

Concen: 19.71 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

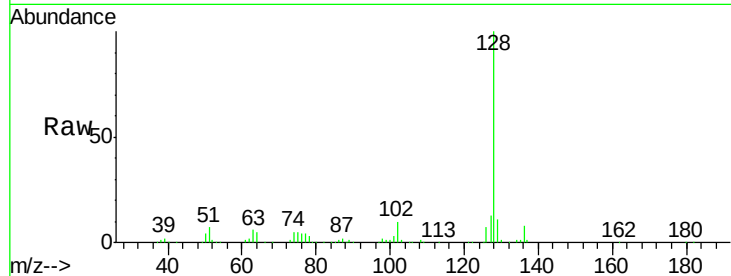
ClientSampleId :

LOQ-WATER2016-02

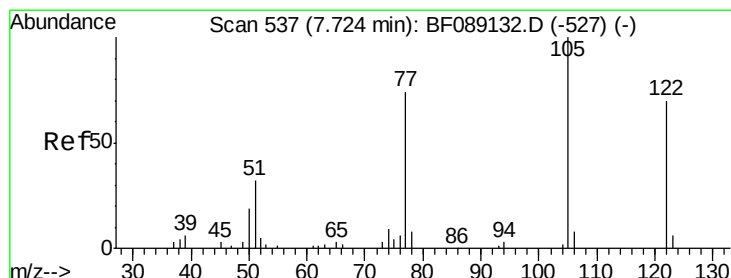
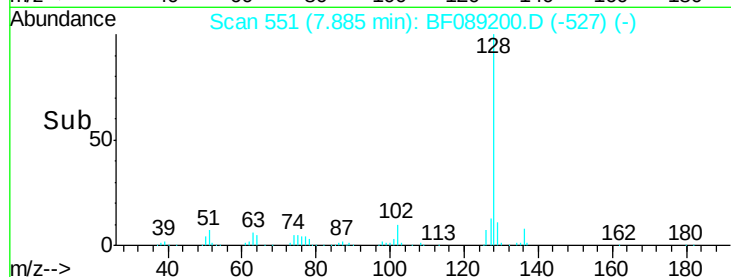
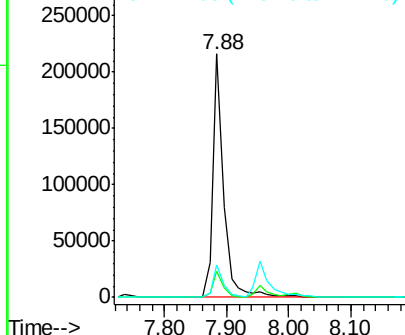
Tgt Ion:	128	Resp:	257015
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.9	13.3
127	13.5	10.8	16.2

Manual Integrations
APPROVED

sohil
7/25/2016 6:41:27 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: 14.59 ng

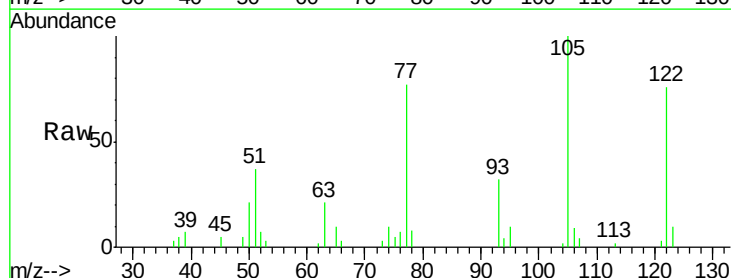
RT: 7.67 min Scan# 532

Delta R.T. -0.06 min

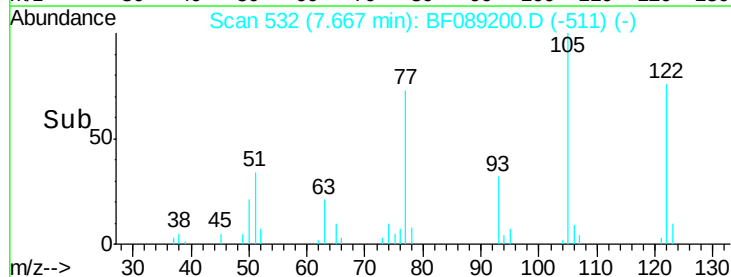
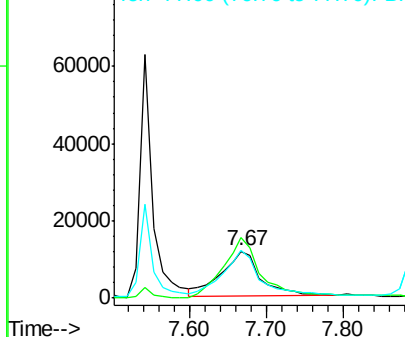
Lab File: BF089200.D

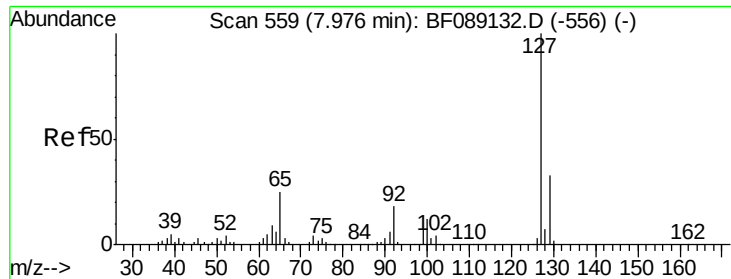
Acq: 22 Jul 2016 18:41

Tgt Ion:	122	Resp:	42295
Ion Ratio	Lower	Upper	
122	100		
105	131.1	119.0	159.0
77	101.5	84.7	124.7



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





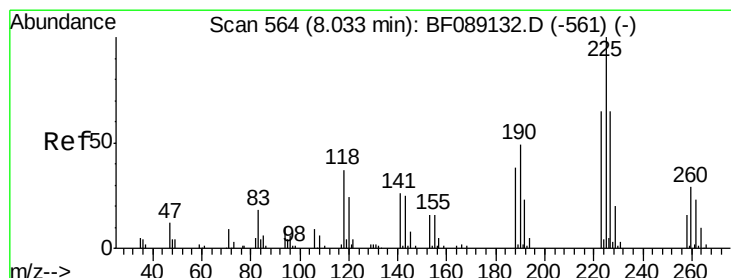
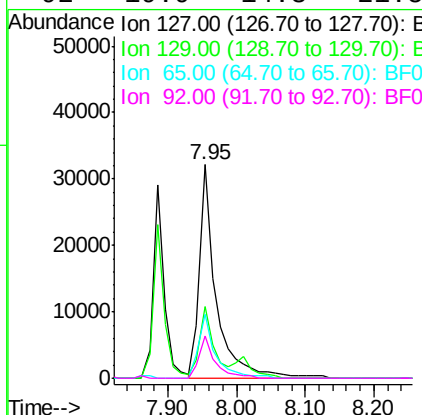
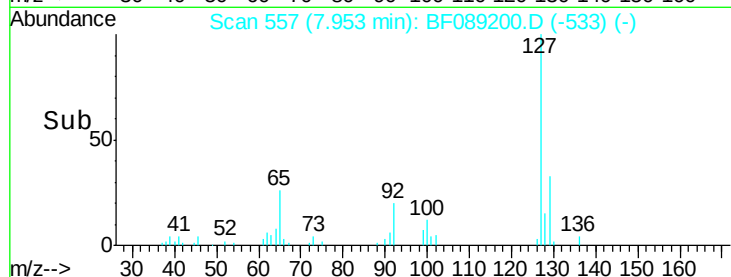
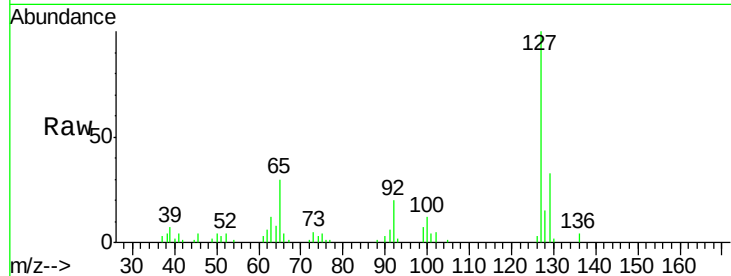
#33
4-Chloroaniline
Concen: 9.92 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.9	38.9
65	29.8	19.7	29.5
92	19.9	14.3	21.5

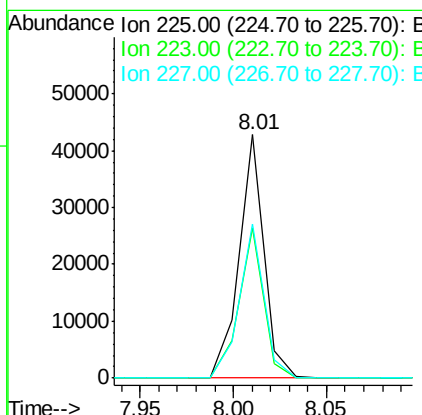
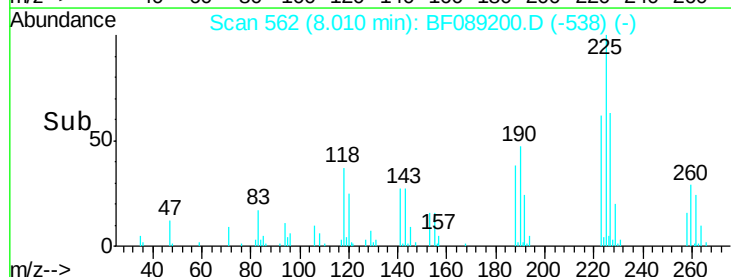
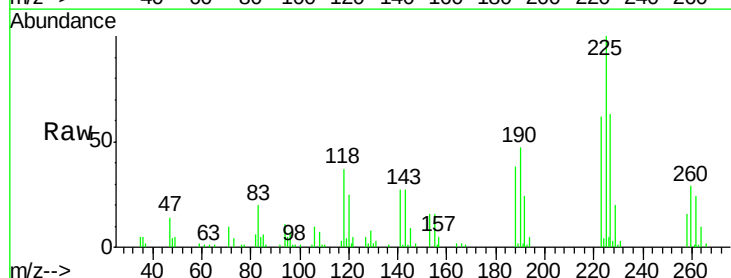
Manual Integrations
APPROVED

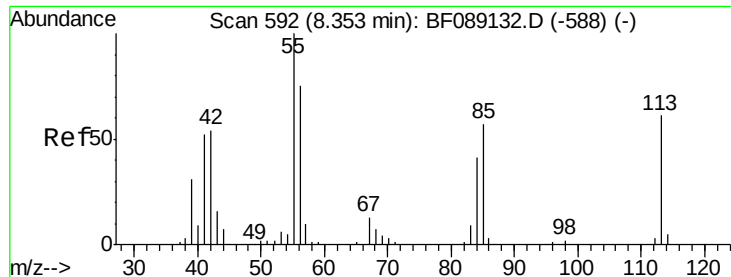
sohil
7/25/2016 6:41:27 PM



#34
Hexachlorobutadiene
Concen: 19.06 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.6	77.4
227	63.1	51.6	77.4





#35

Caprolactam

Concen: 20.53 ng

RT: 8.31 min Scan# 588

Delta R.T. -0.05 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

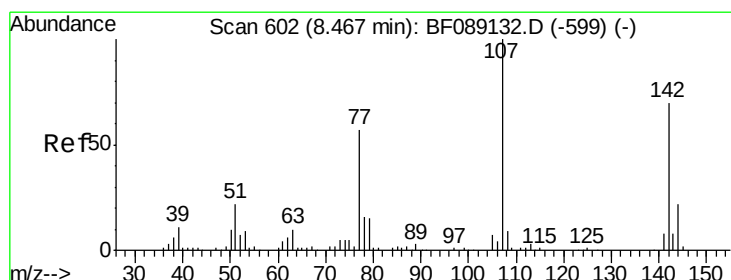
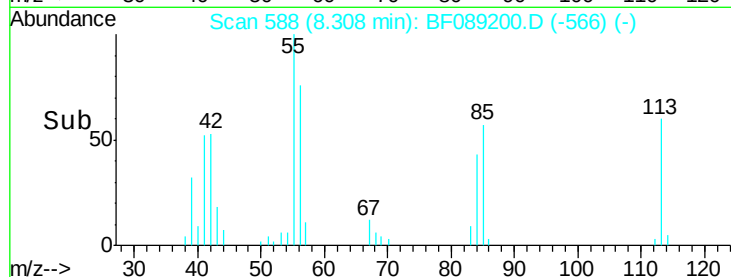
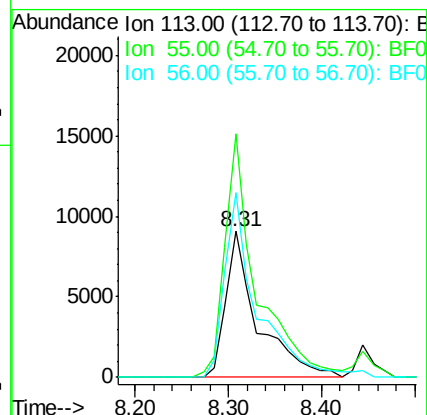
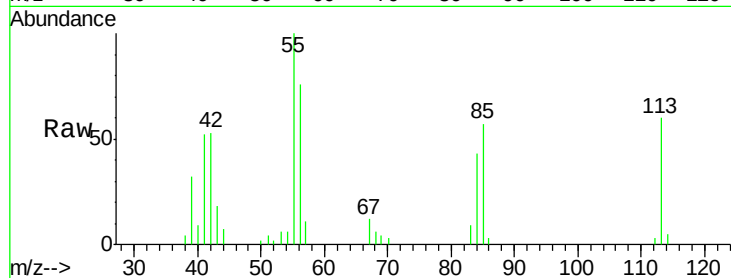
ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:113 Resp: 21657
 Ion Ratio Lower Upper
 113 100
 55 166.8 145.3 185.3
 56 126.8 104.3 144.3

Manual Integrations
 APPROVED

sohil
 7/25/2016 6:41:27 PM



#36

4-Chloro-3-methylphenol

Concen: 20.69 ng

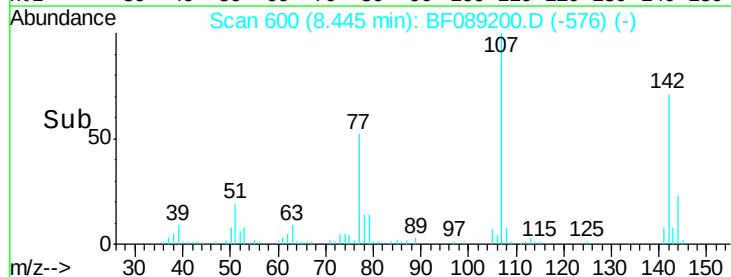
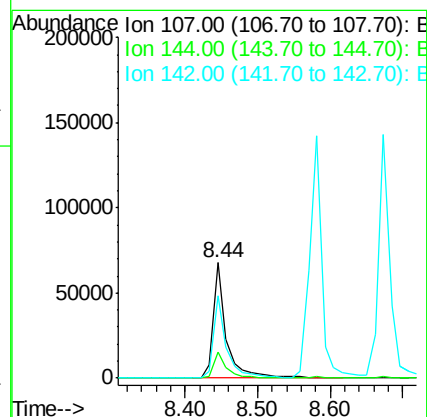
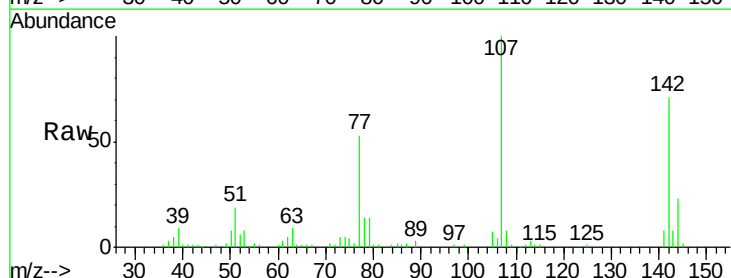
RT: 8.44 min Scan# 600

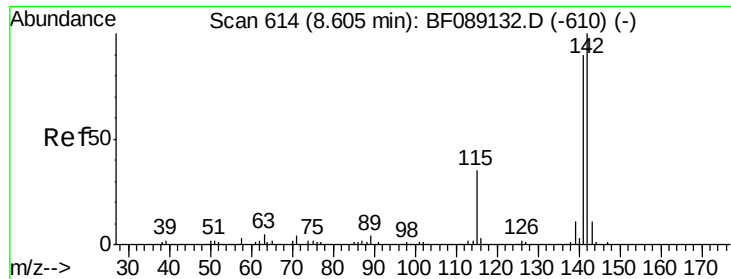
Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Tgt Ion:107 Resp: 84651
 Ion Ratio Lower Upper
 107 100
 144 22.8 17.8 26.6
 142 71.0 56.1 84.1





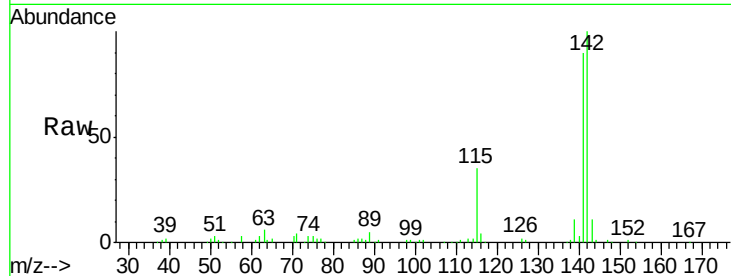
#37
 2-Methylnaphthalene
 Concen: 19.94 ng
 RT: 8.58 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

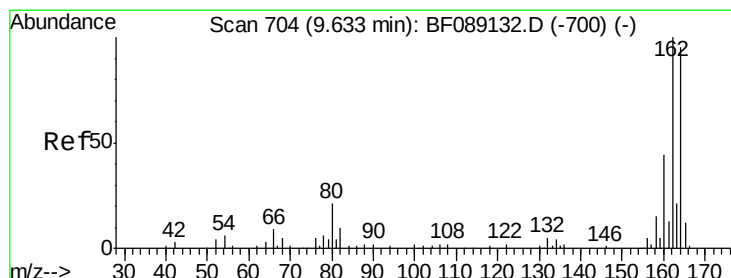
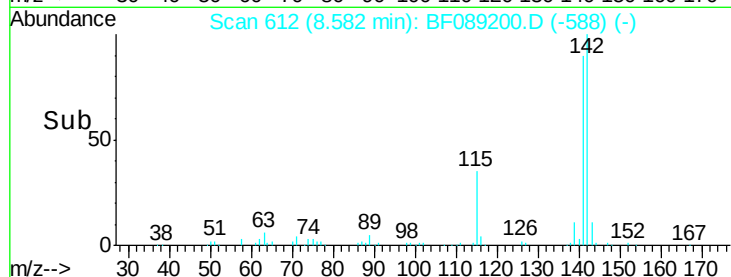
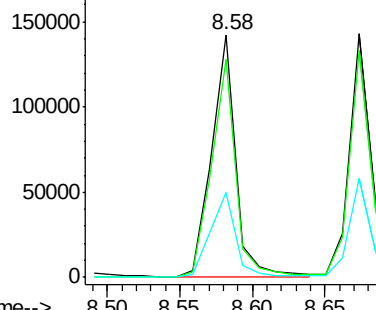
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	165777		
141	89.8	71.6	107.4	
115	34.8	27.6	41.4	

Manual Integrations
 APPROVED

sohil
 7/25/2016 6:41:27 PM

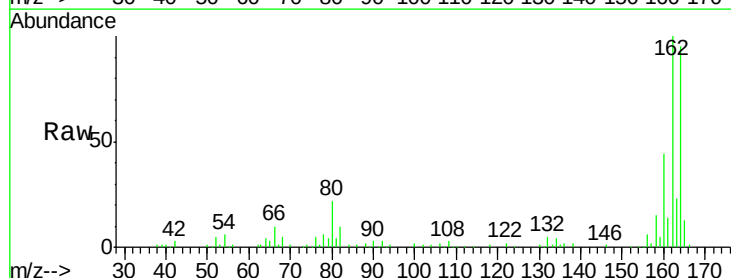


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

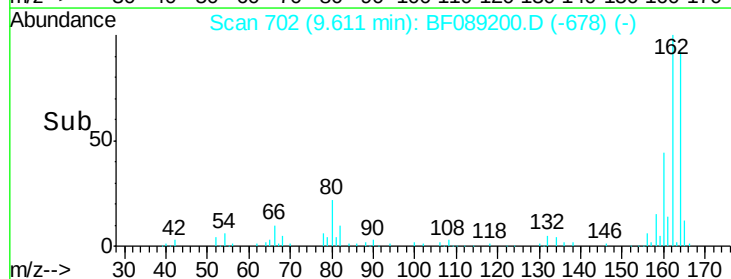
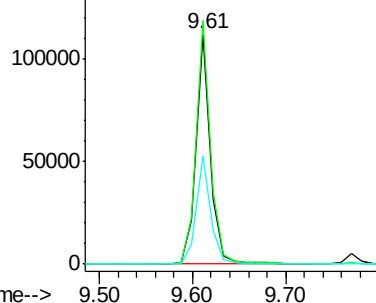


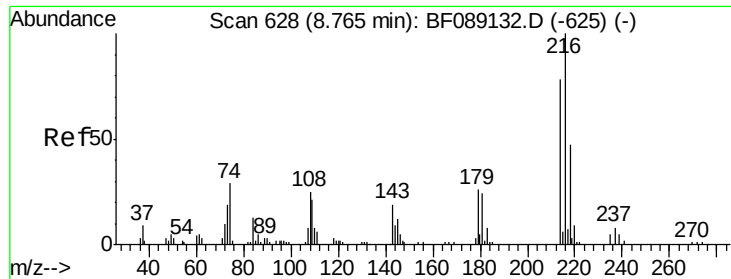
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	120144		
162	105.8	84.1	126.1	
160	46.8	37.1	55.7	



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





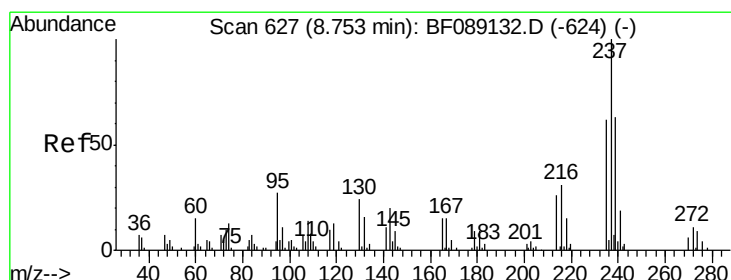
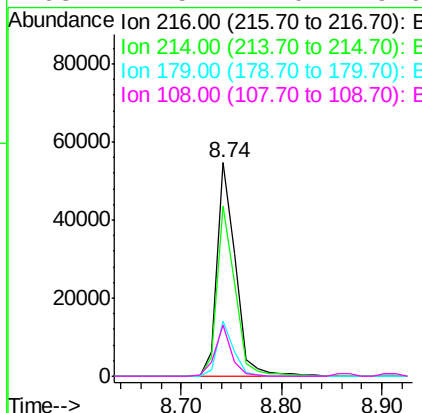
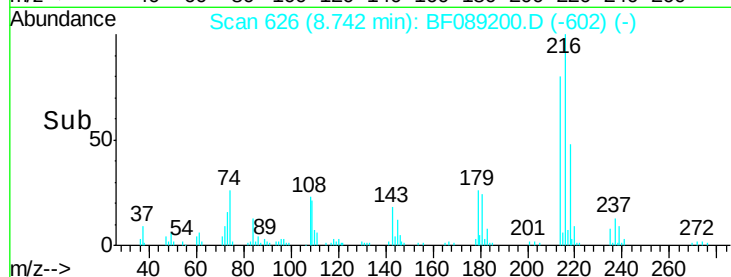
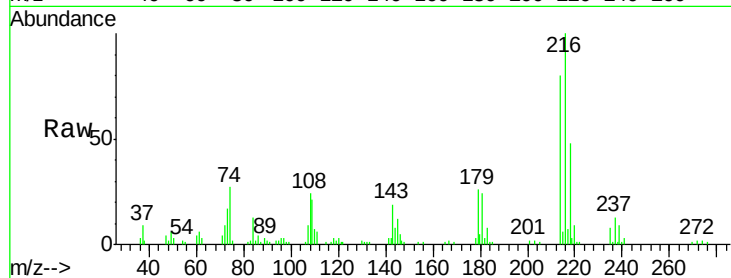
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 15.63 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.8	61.9	92.9
179	23.0	18.4	27.6
108	21.5	17.0	25.6

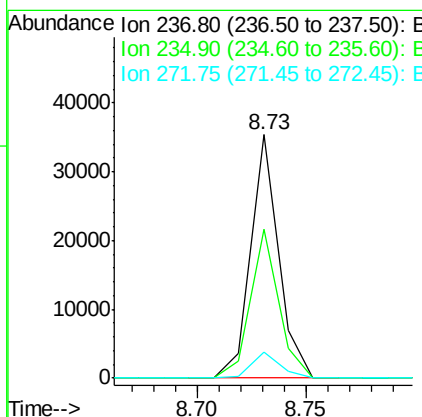
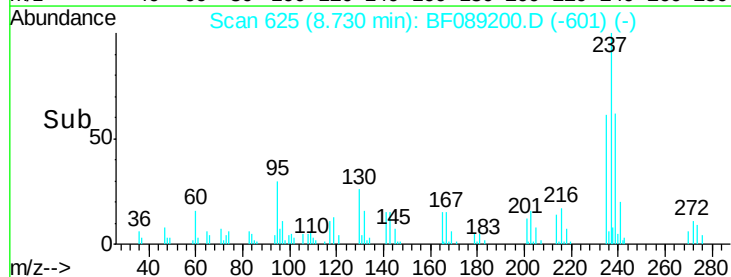
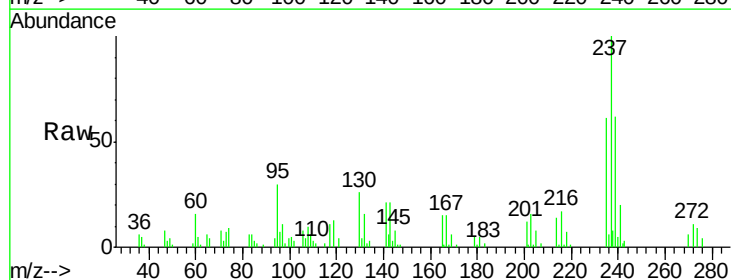
Manual Integrations
 APPROVED

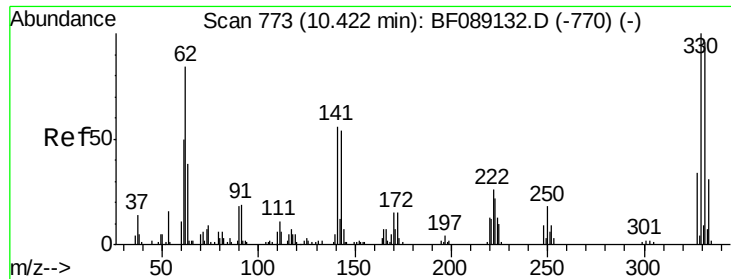
sohil
 7/25/2016 6:41:27 PM



#40
 Hexachlorocyclopentadiene
 Concen: 27.27 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.2	42.1	82.1
272	10.9	0.0	31.4





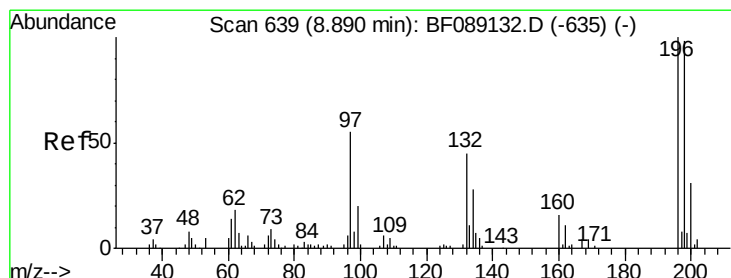
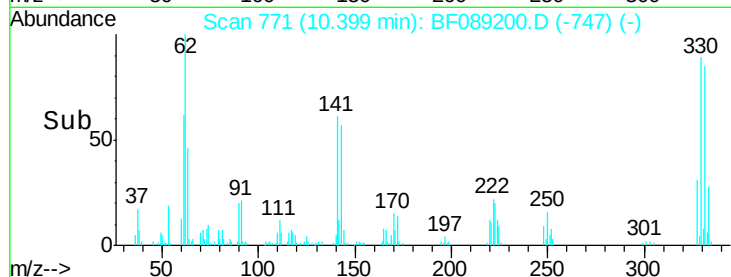
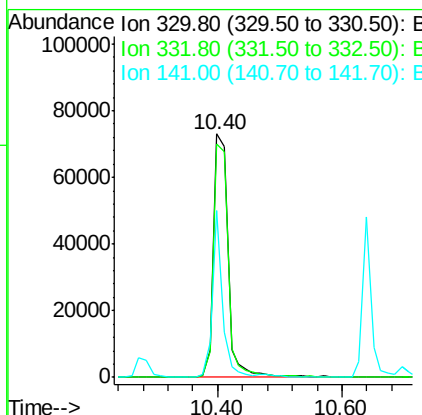
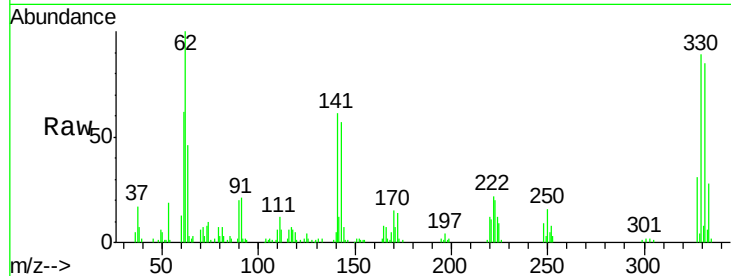
#41
 2,4,6-Tribromophenol
 Concen: 109.04 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	117945		
332	96.9	77.2	115.8	
141	48.6	42.2	63.2	

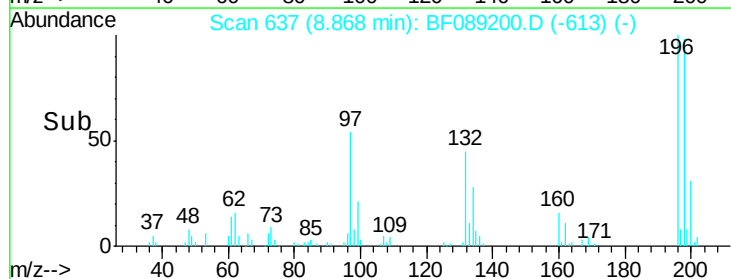
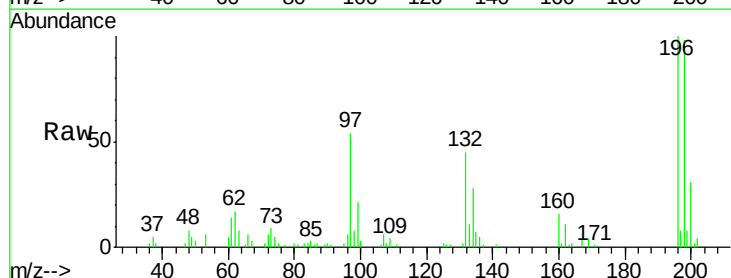
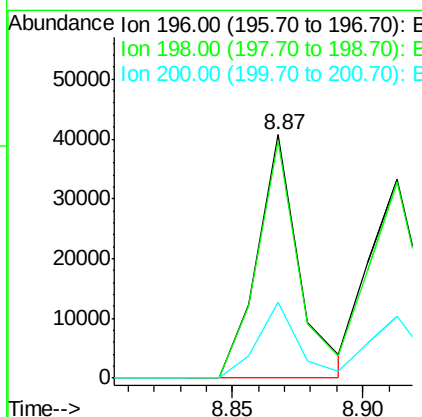
Manual Integrations
 APPROVED

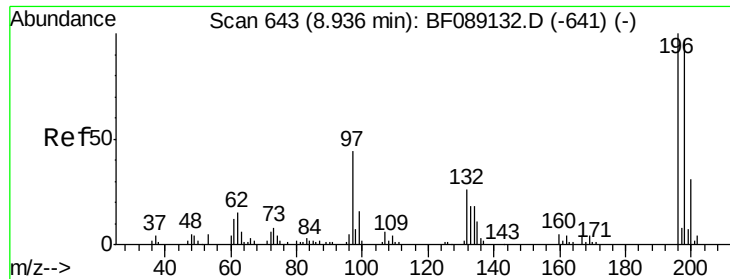
sohil
 7/25/2016 6:41:27 PM



#42
 2,4,6-Trichlorophenol
 Concen: 18.20 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	45480		
198	97.6	78.3	117.5	
200	30.9	25.0	37.4	





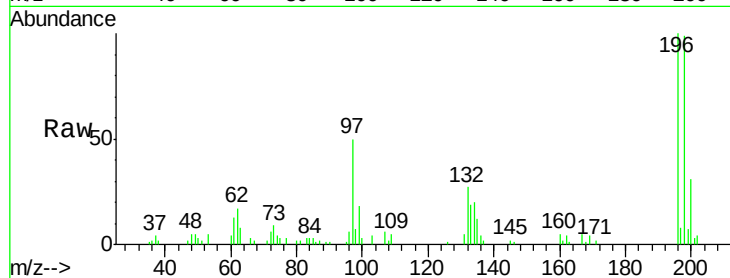
#43
 2,4,5-Trichlorophenol
 Concen: 21.36 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	53593		
198	98.6	77.6	116.4	
97	50.0	36.5	54.7	
132	27.5	21.2	31.8	

Manual Integrations
 APPROVED

sohil
 7/25/2016 6:41:27 PM



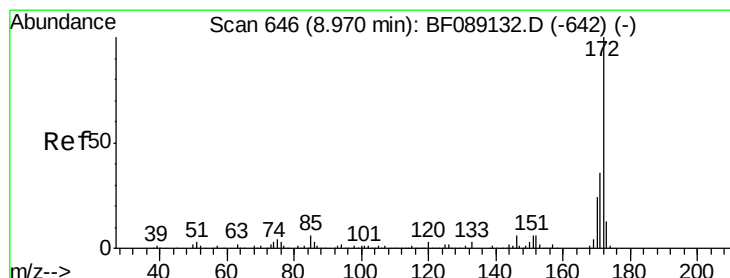
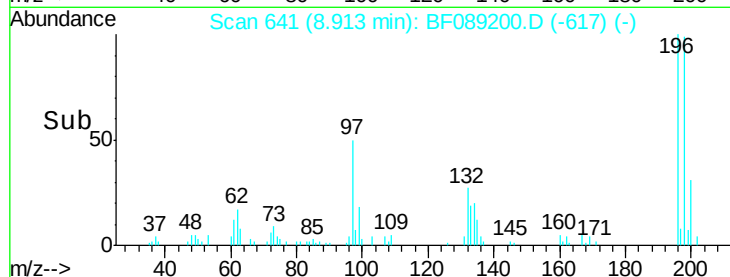
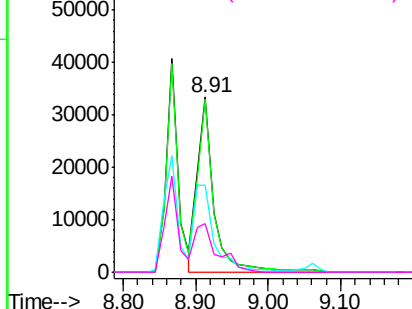
Abundance

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: 74.78 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

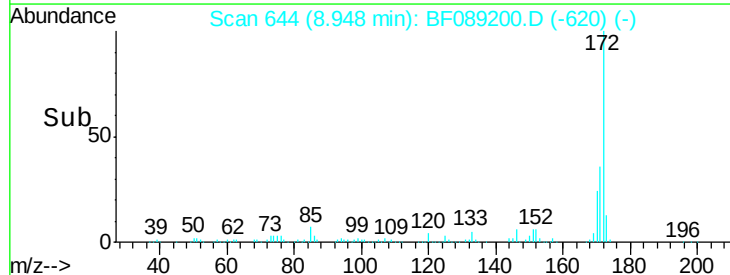
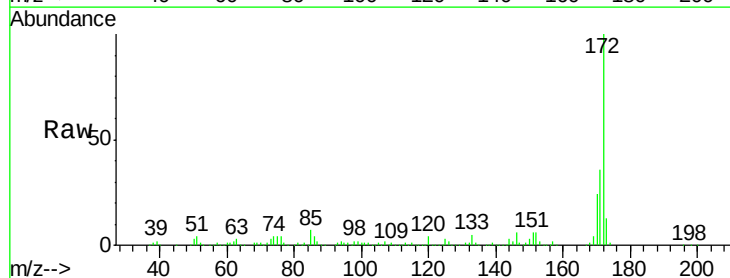
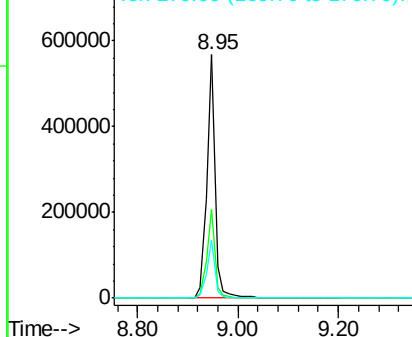
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	652062		
171	36.2	29.2	43.8	
170	23.9	19.1	28.7	

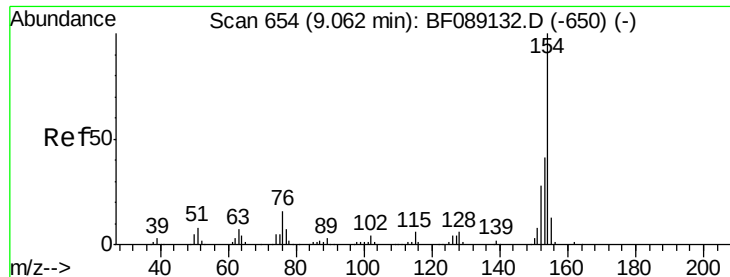
Abundance

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





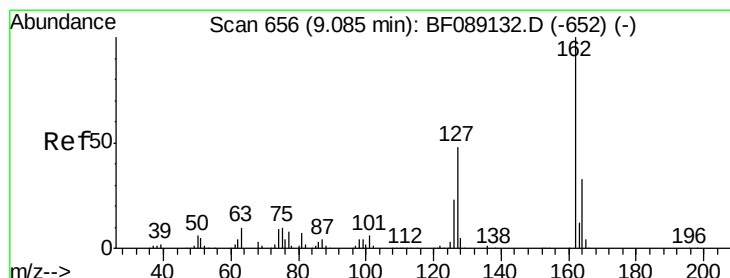
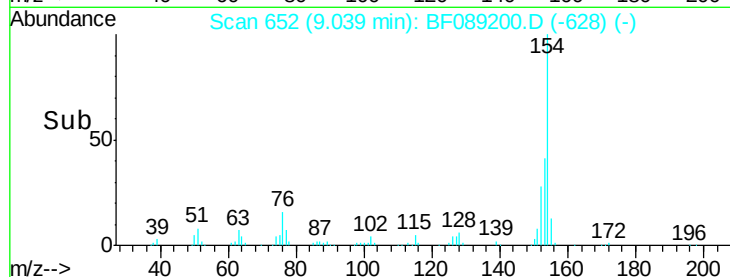
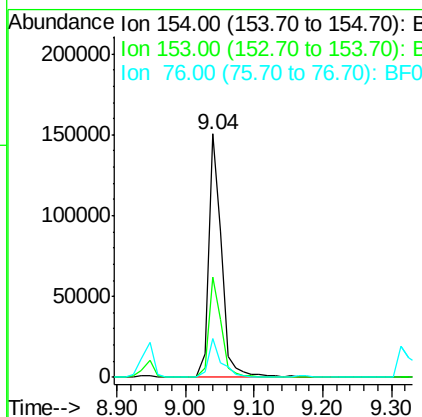
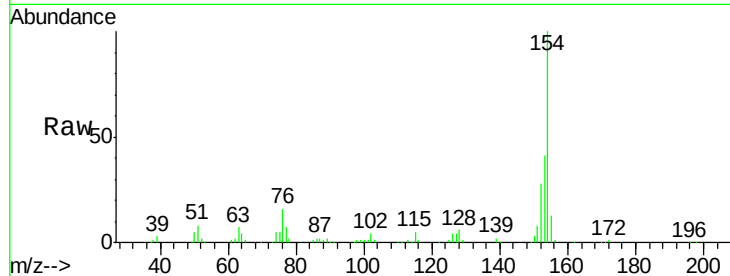
#45
 1,1'-Biphenyl
 Concen: 18.17 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	196584		
153	41.1	21.1	61.1	
76	15.7	0.0	35.8	

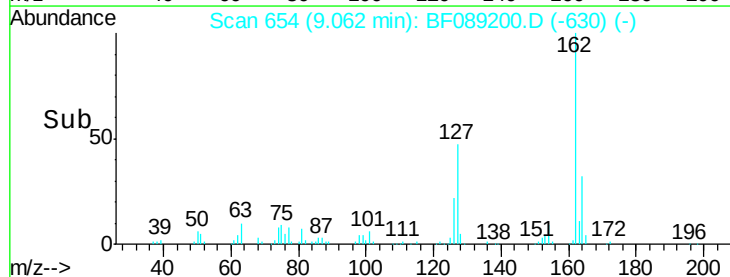
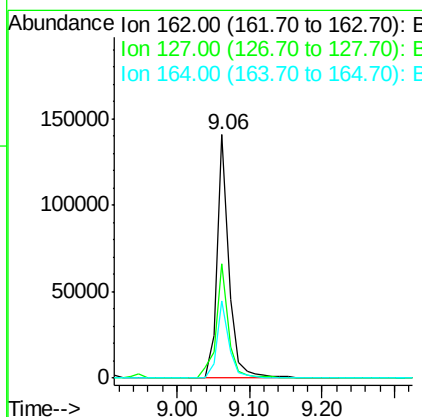
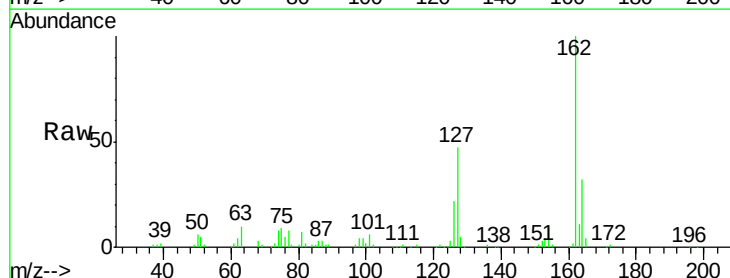
Manual Integrations
 APPROVED

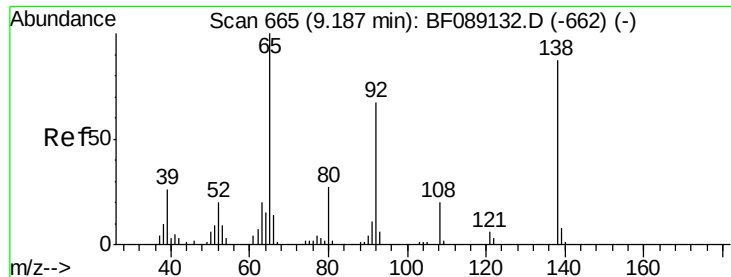
sohil
 7/25/2016 6:41:27 PM



#46
 2-Chloronaphthalene
 Concen: 19.50 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	160354		
127	46.7	38.1	57.1	
164	31.7	26.1	39.1	





#47

2-Nitroaniline

Concen: 18.15 ng

RT: 9.16 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

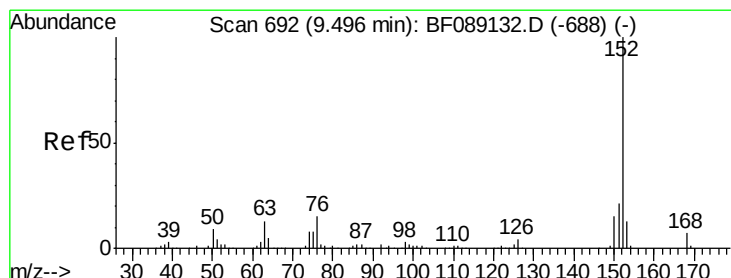
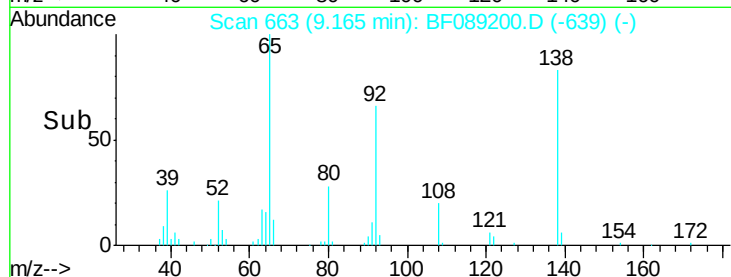
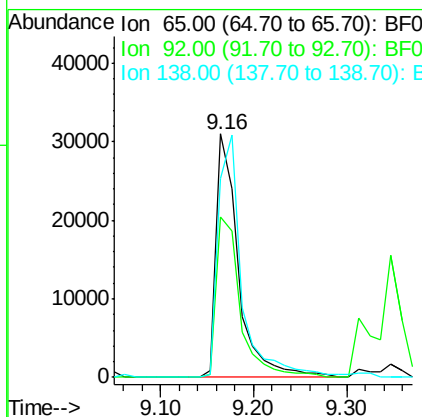
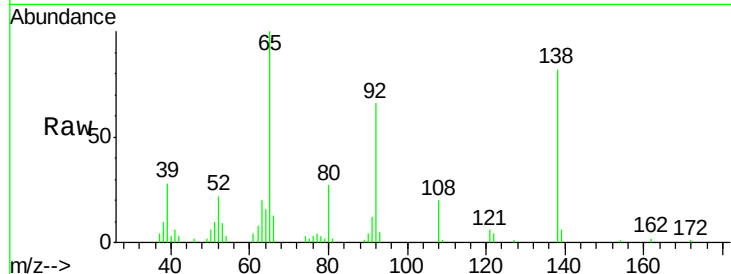
ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:	65	Resp:	51195
Ion Ratio	Lower	Upper	
65	100		
92	65.7	53.2	79.8
138	81.9	69.4	104.2

Manual Integrations
APPROVED

sohil
7/25/2016 6:41:27 PM



#48

Acenaphthylene

Concen: 20.05 ng

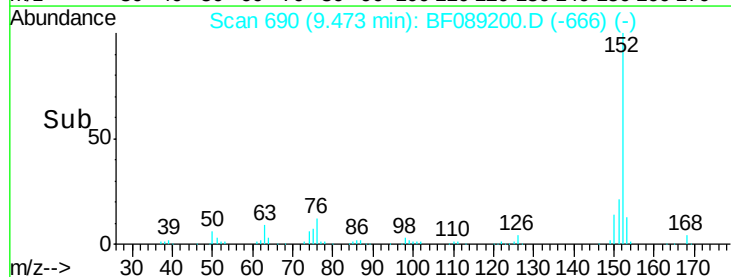
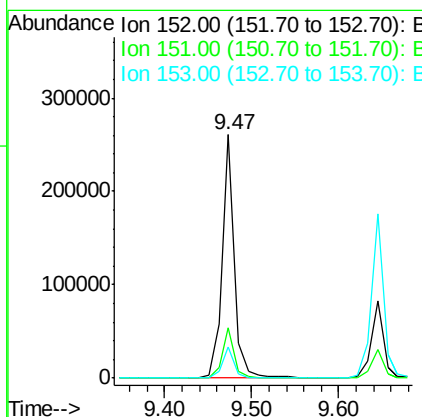
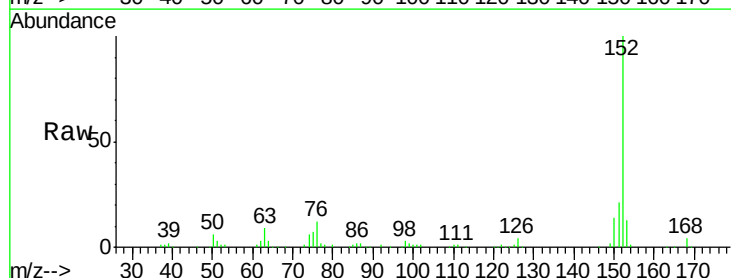
RT: 9.47 min Scan# 690

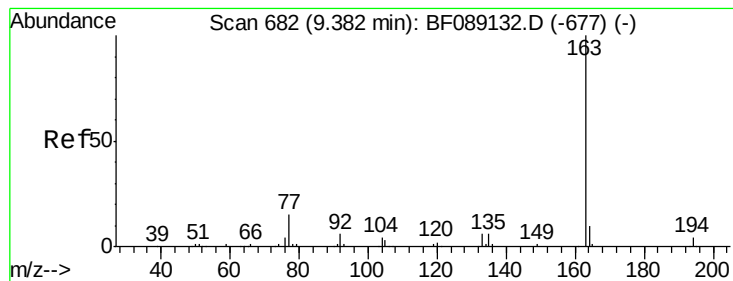
Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Tgt Ion:	152	Resp:	259205
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.5	24.7
153	13.0	10.7	16.1





#49

Dimethylphthalate

Concen: 19.71 ng

RT: 9.35 min Scan# 679

Delta R.T. -0.03 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

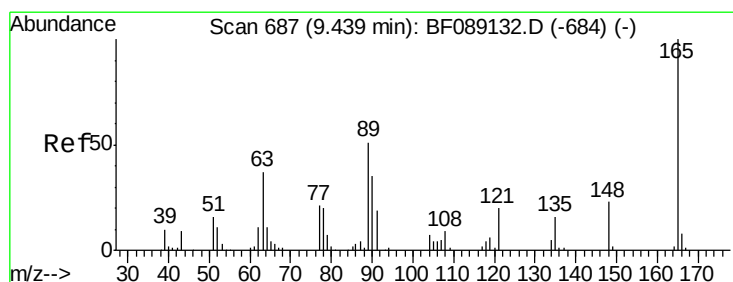
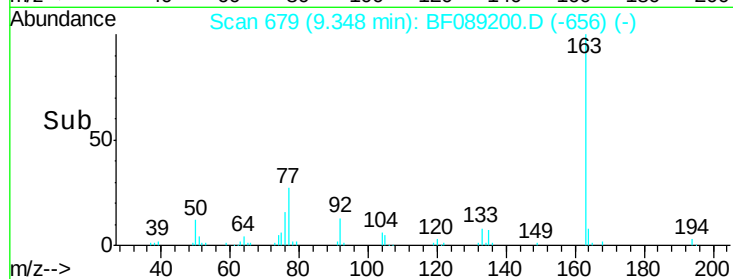
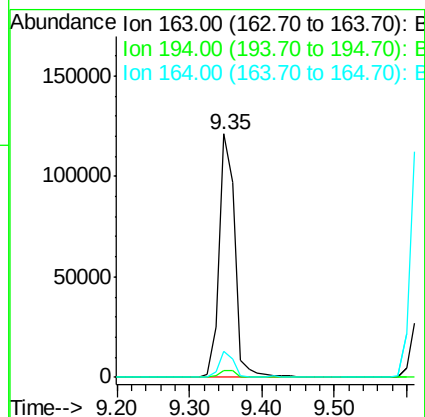
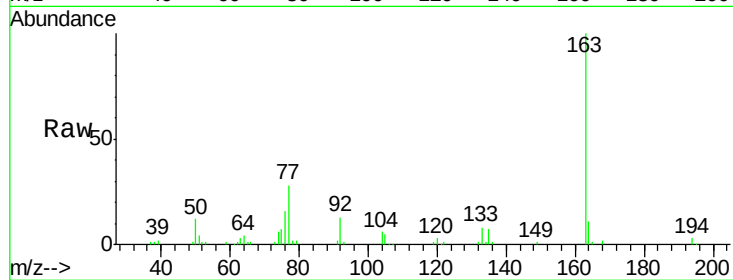
ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:	163	Resp:	181687
Ion Ratio	Lower	Upper	
163	100		
194	3.0	2.9	4.3
164	10.8	7.6	11.4

Manual Integrations
APPROVED

sohil
7/25/2016 6:41:27 PM



#50

2,6-Dinitrotoluene

Concen: 19.45 ng

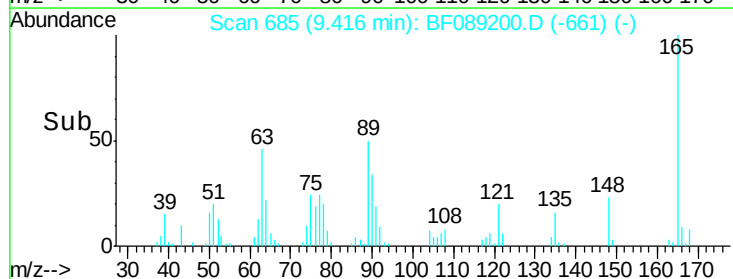
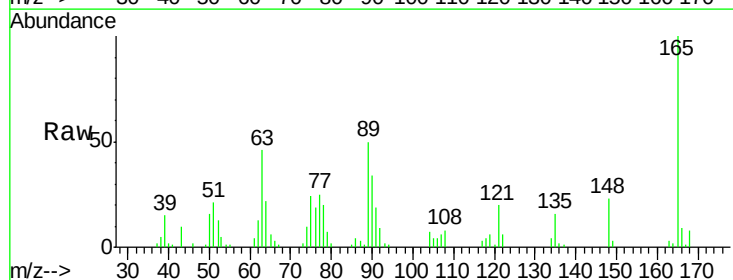
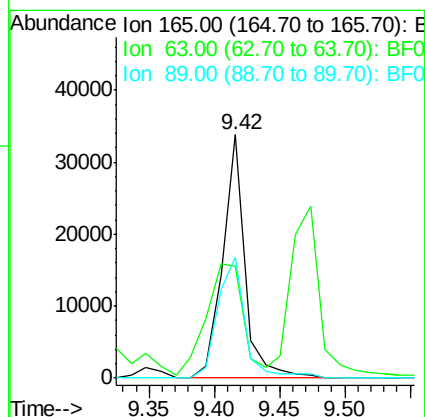
RT: 9.42 min Scan# 685

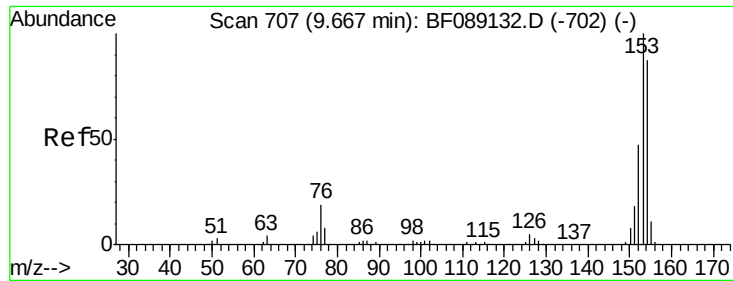
Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Tgt Ion:	165	Resp:	40492
Ion Ratio	Lower	Upper	
165	100		
63	45.9	37.0	55.4
89	49.8	40.9	61.3





#51

Acenaphthene

Concen: 19.52 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

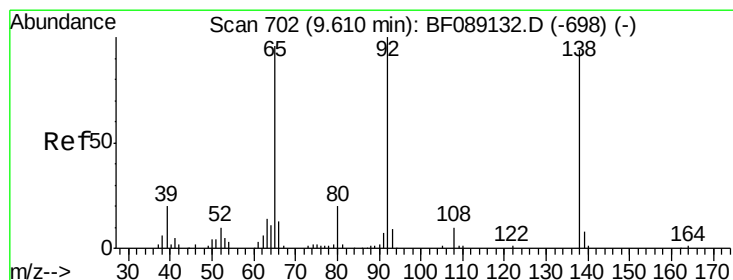
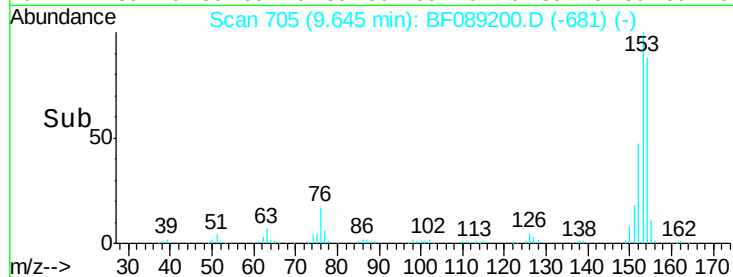
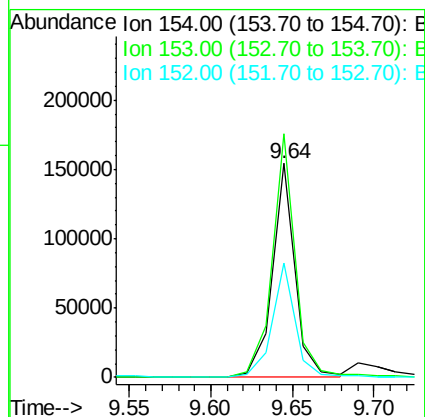
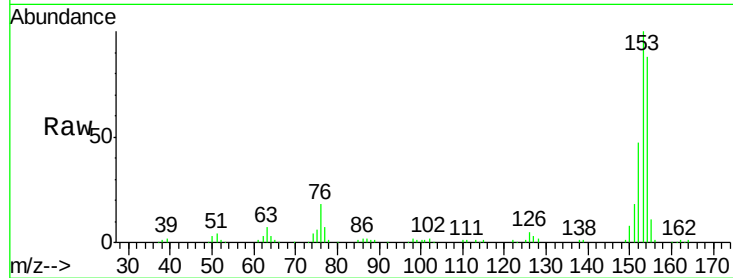
ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:	154	Resp:	149233
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.9	137.9
152	53.4	42.8	64.2

Manual Integrations
APPROVED

sohil
7/25/2016 6:41:27 PM



#52

3-Nitroaniline

Concen: 11.28 ng

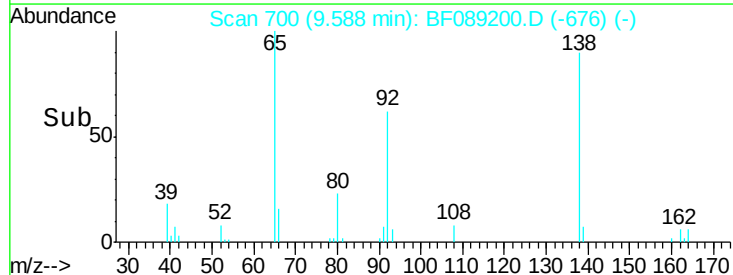
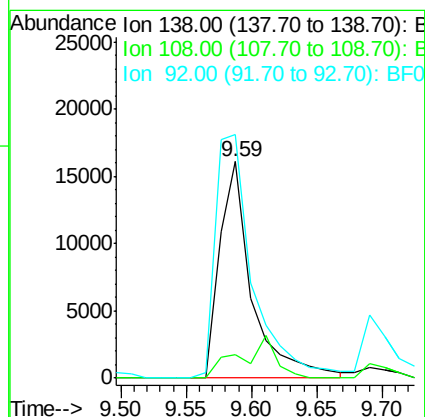
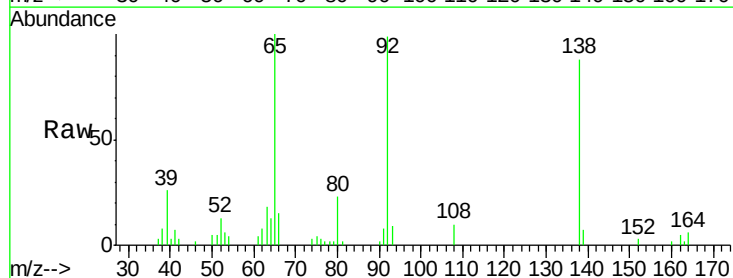
RT: 9.59 min Scan# 700

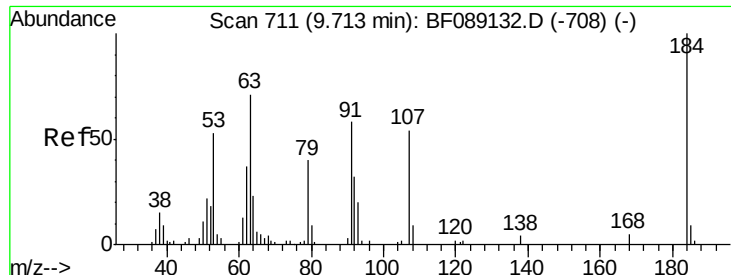
Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Tgt Ion:	138	Resp:	27889
Ion Ratio	Lower	Upper	
138	100		
108	11.0	8.8	13.2
92	112.6	85.3	127.9





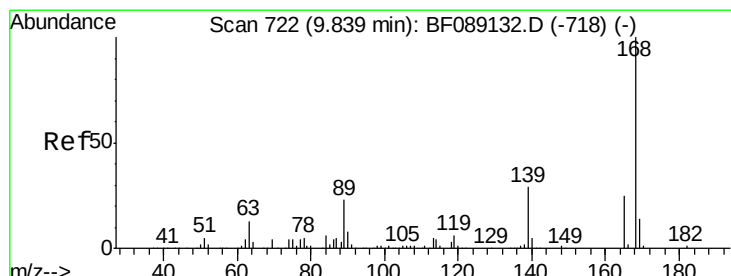
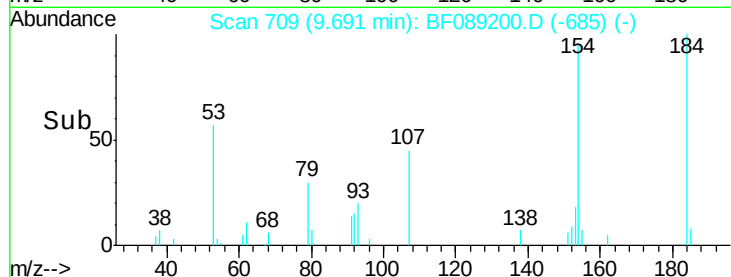
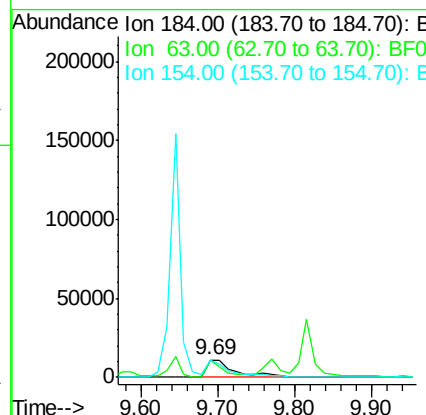
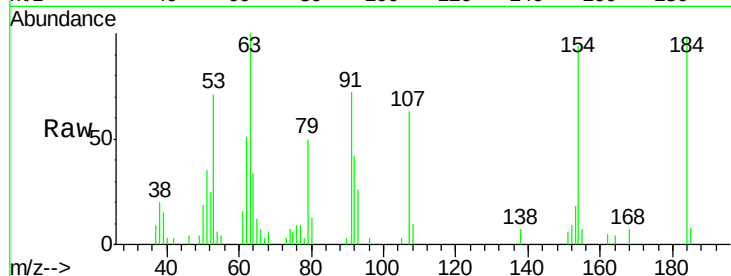
#53
 2,4-Dinitrophenol
 Concen: 31.64 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	27455		
63	101.6	60.3	90.5#	
154	95.8	60.7	91.1#	

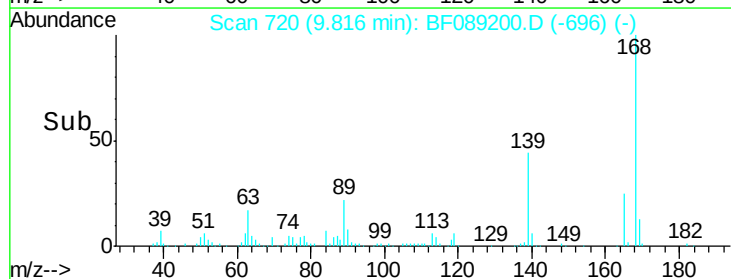
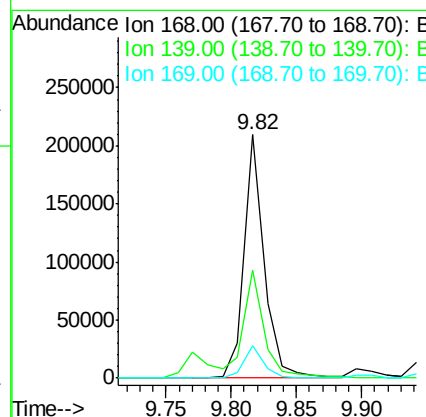
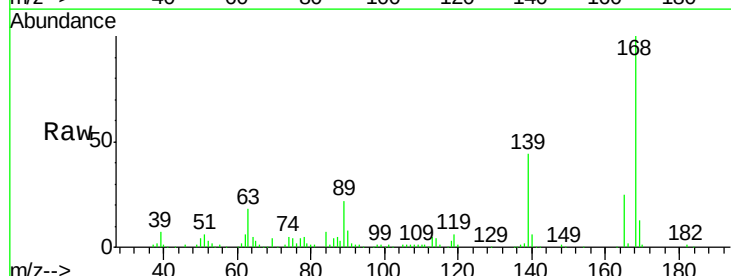
Manual Integrations
 APPROVED

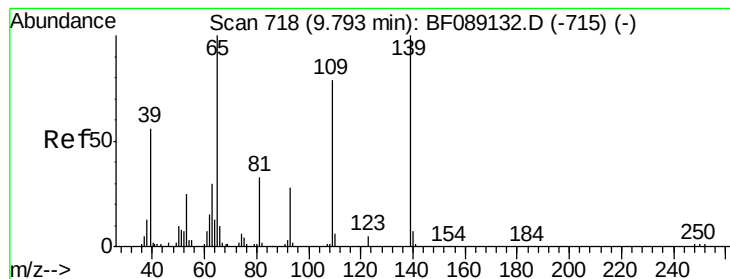
sohil
 7/25/2016 6:41:27 PM



#54
 Dibenzofuran
 Concen: 21.64 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	223570		
139	44.1	34.4	51.6	
169	13.3	10.8	16.2	





#55

4-Nitrophenol

Concen: 21.40 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

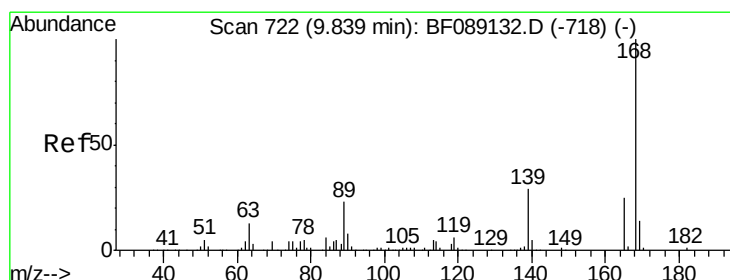
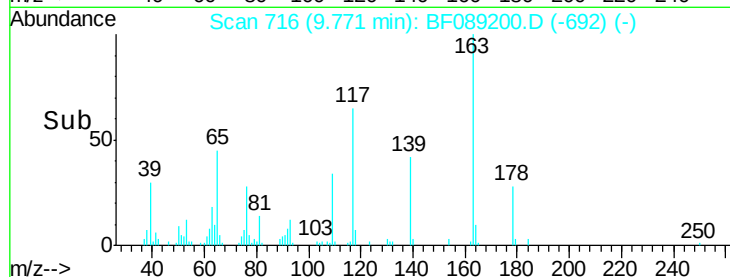
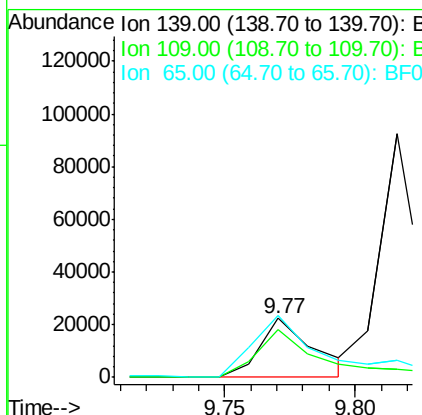
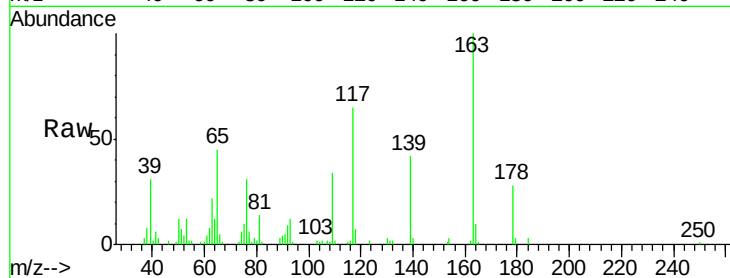
ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:	139	Resp:	32010
Ion Ratio	Lower	Upper	
139	100		
109	80.1	58.7	98.7
65	105.6	80.2	120.2

Manual Integrations
APPROVED

sohil
7/25/2016 6:41:27 PM



#56

2,4-Dinitrotoluene

Concen: 21.62 ng

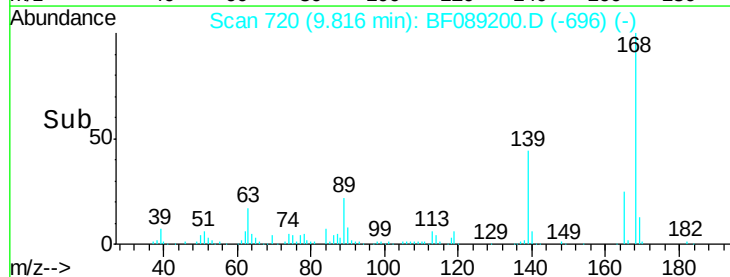
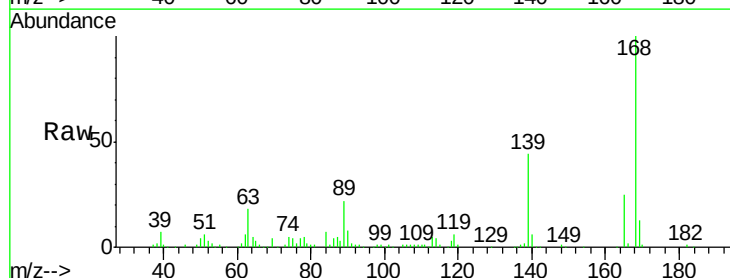
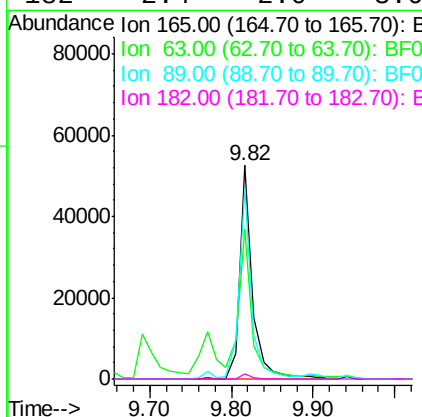
RT: 9.82 min Scan# 720

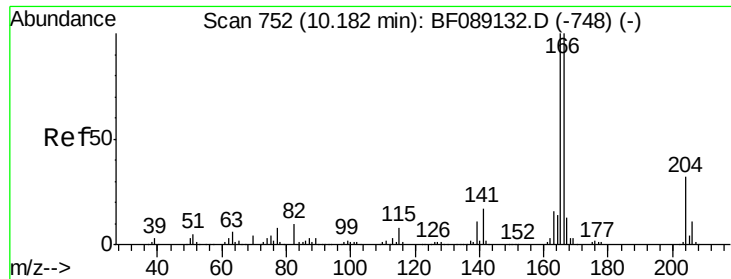
Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Tgt Ion:	165	Resp:	57967
Ion Ratio	Lower	Upper	
165	100		
63	70.2	55.4	83.2
89	89.5	74.3	111.5
182	2.4	2.0	3.0





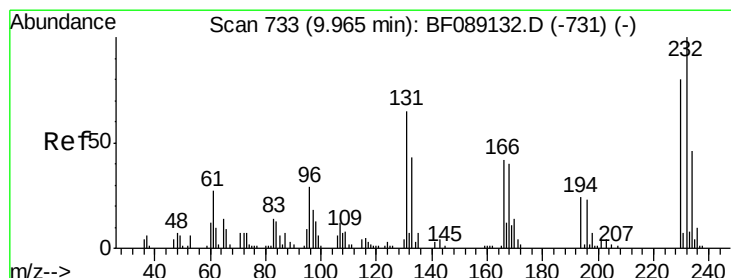
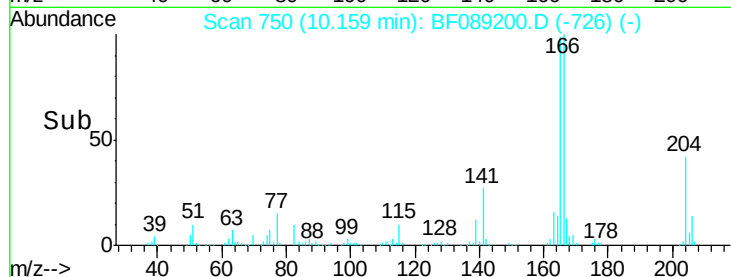
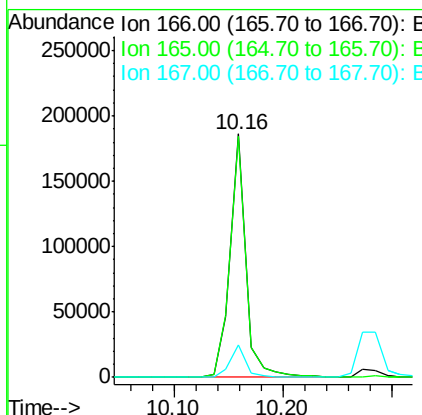
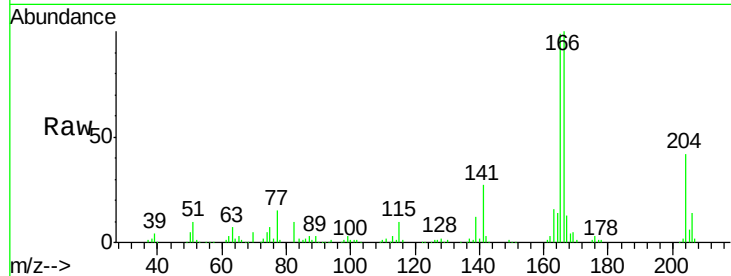
#57
 Fluorene
 Concen: 21.49 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	188452		
165	98.9	79.9	119.9	
167	13.3	10.7	16.1	

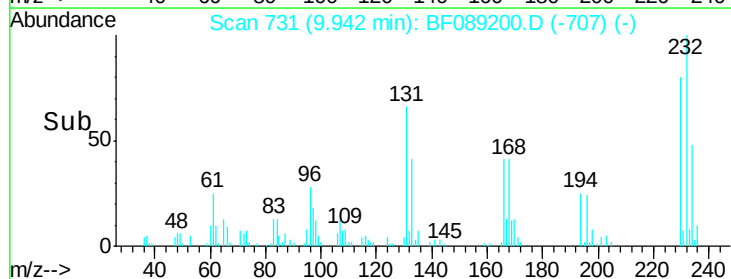
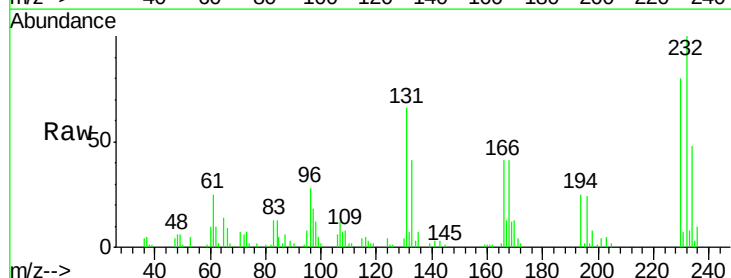
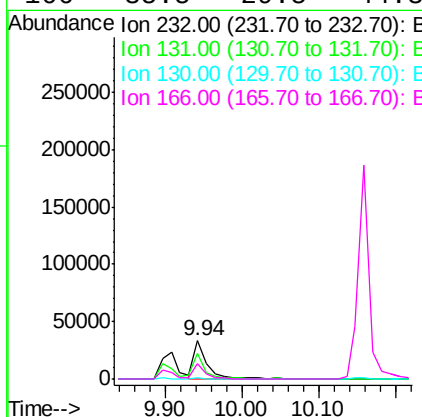
Manual Integrations
 APPROVED

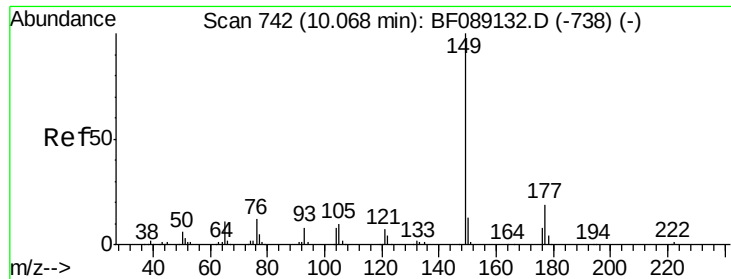
sohil
 7/25/2016 6:41:27 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 23.41 ng
 RT: 9.94 min Scan# 731
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	42186		
131	60.2	46.2	69.2	
130	2.5	2.3	3.5	
166	35.5	29.5	44.3	





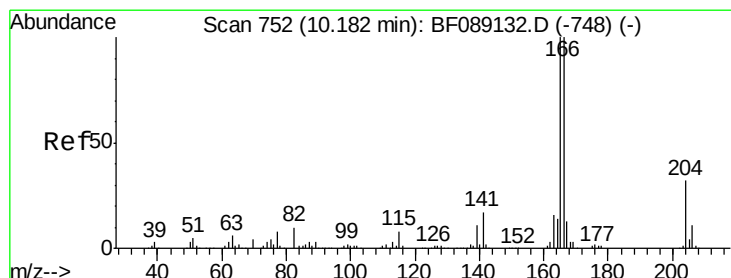
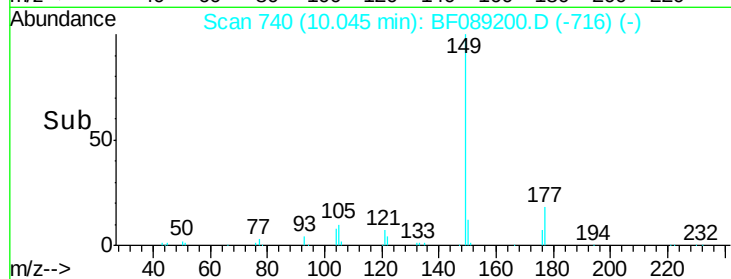
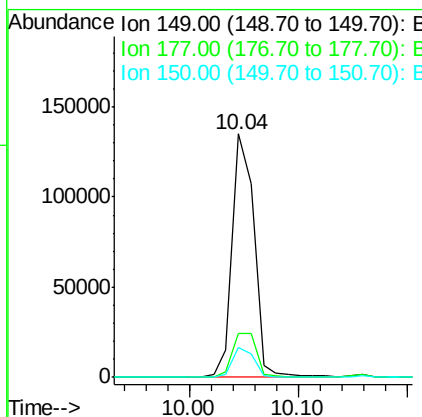
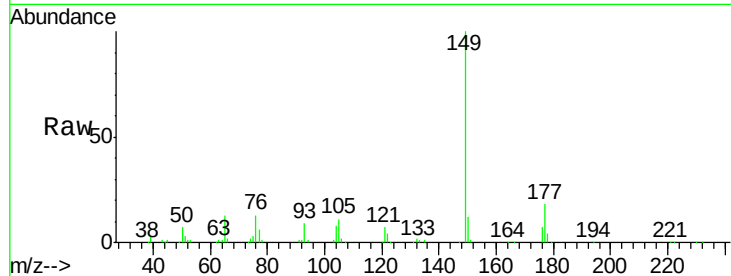
#59
Diethylphthalate
Concen: 20.39 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	186408		
177	18.0	15.6	23.4	
150	12.4	10.1	15.1	

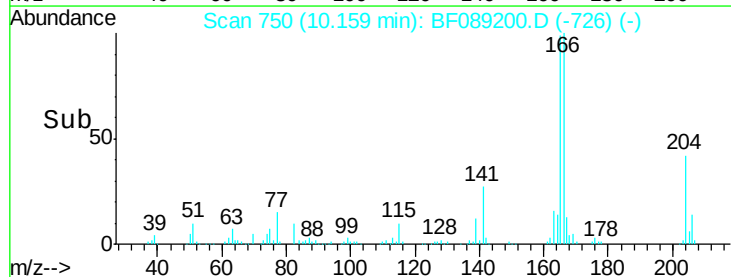
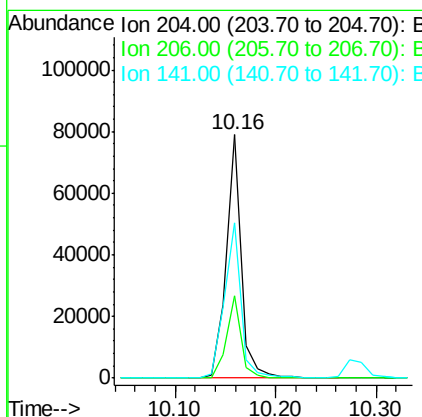
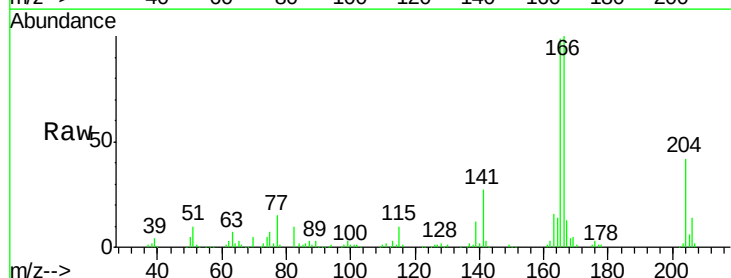
Manual Integrations
APPROVED

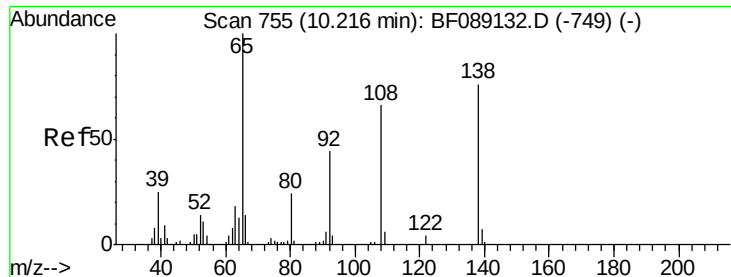
sohil
7/25/2016 6:41:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 20.67 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	82744		
206	33.9	26.2	39.4	
141	63.5	42.2	63.4#	





#61

4-Nitroaniline

Concen: 19.03 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

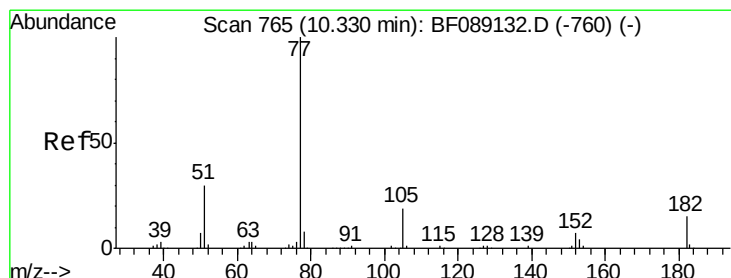
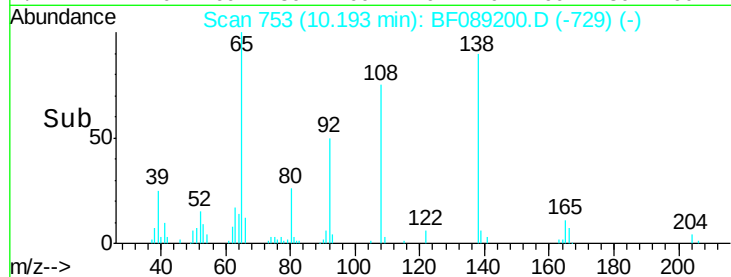
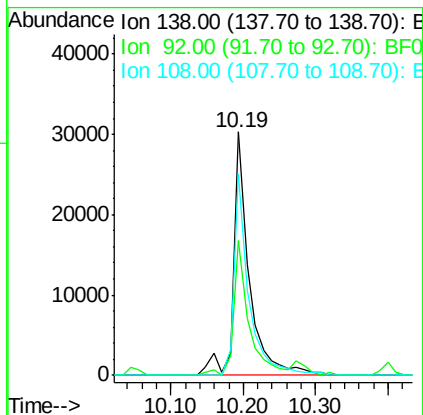
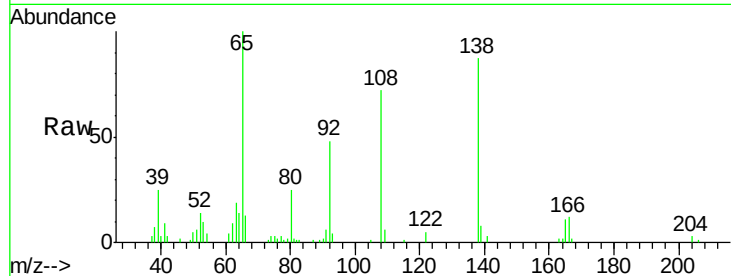
ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:	138	Resp:	45769
Ion Ratio	Lower	Upper	
138	100		
92	55.5	37.2	77.2
108	82.8	66.1	106.1

Manual Integrations
APPROVED

sohil
7/25/2016 6:41:27 PM



#62

Azobenzene

Concen: 21.47 ng

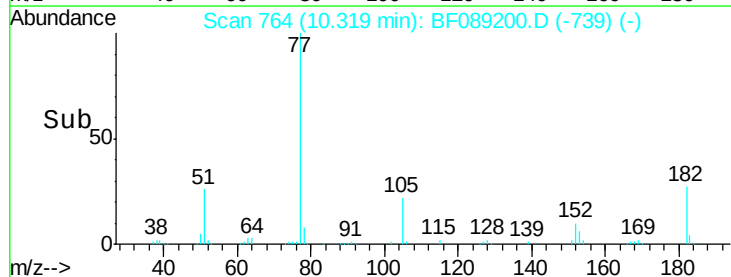
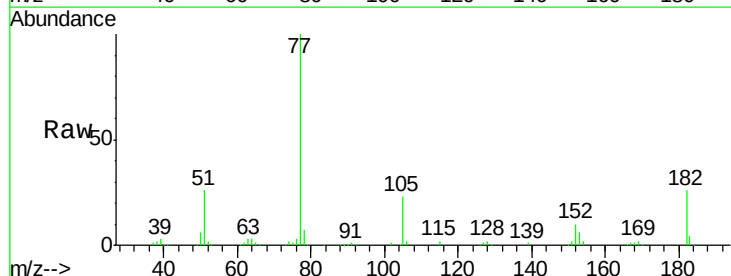
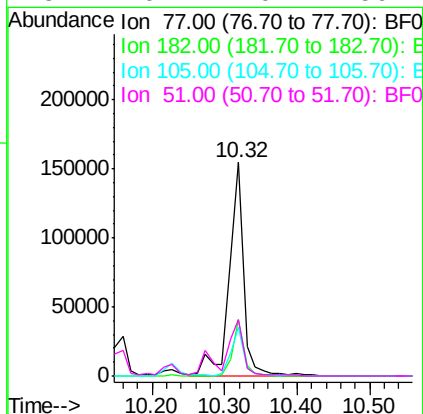
RT: 10.32 min Scan# 764

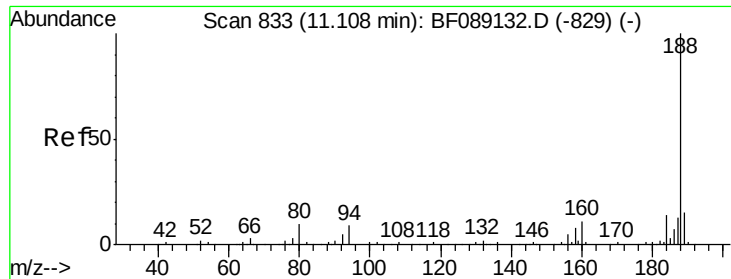
Delta R.T. -0.01 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Tgt Ion:	77	Resp:	213271
Ion Ratio	Lower	Upper	
77	100		
182	26.4	0.0	35.0
105	22.9	0.0	39.4
51	26.2	10.7	50.7





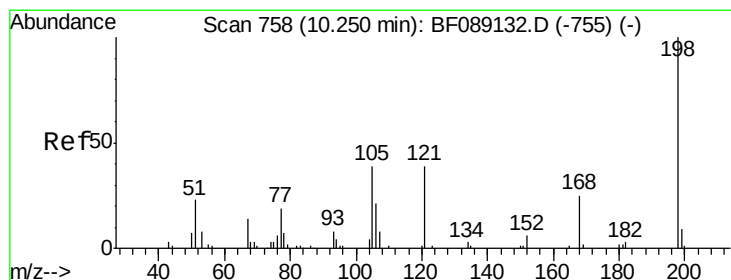
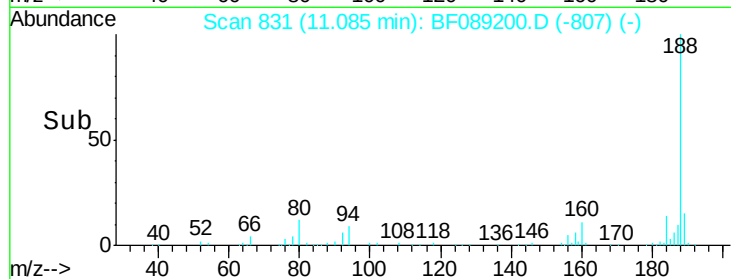
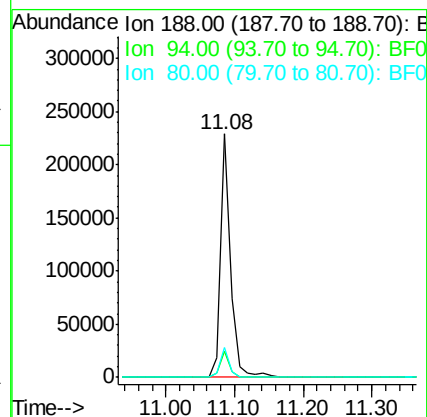
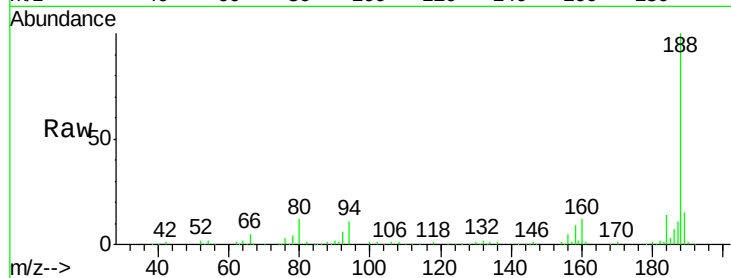
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	238961		
94	10.7	7.0	10.4#	
80	12.1	7.7	11.5#	

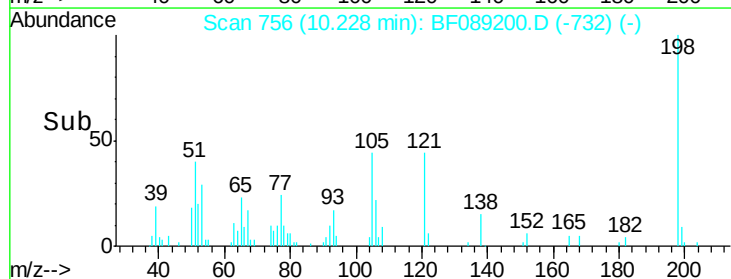
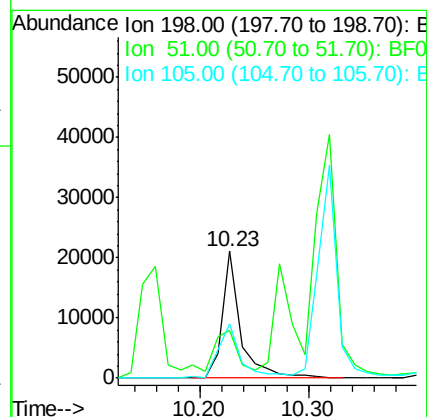
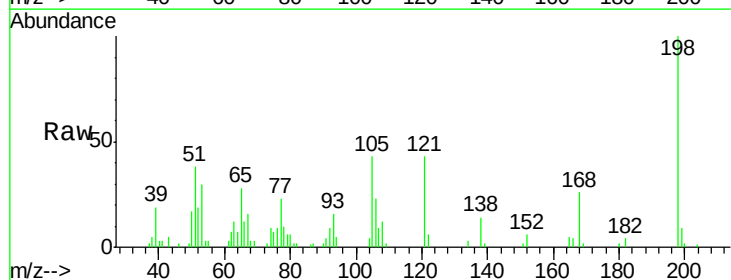
Manual Integrations
APPROVED

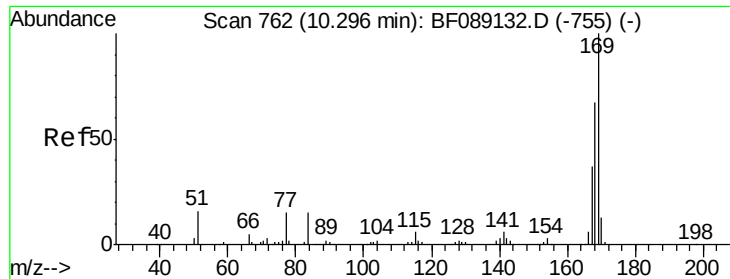
sohil
7/25/2016 6:41:27 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 17.97 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	25002		
51	38.0	11.7	51.7	
105	42.5	20.3	60.3	





#65

n-Nitrosodiphenylamine

Concen: 19.51 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

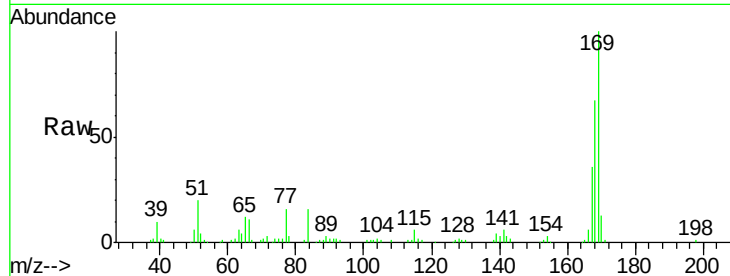
ClientSampleId :

LOQ-WATER2016-02

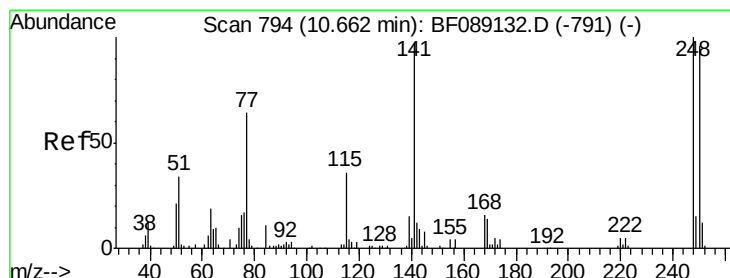
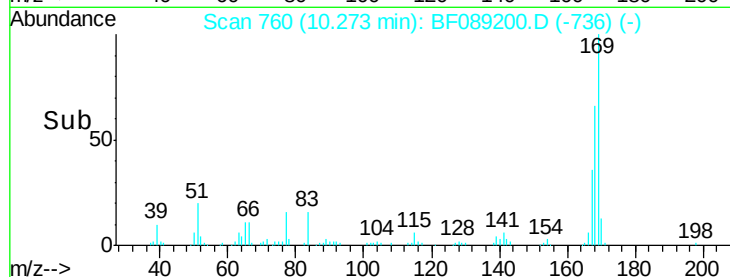
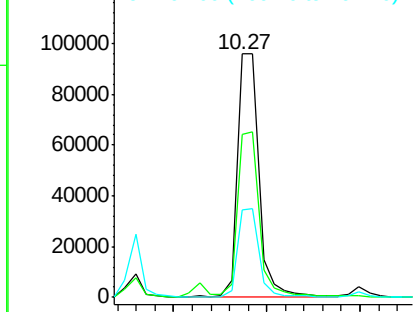
Tgt Ion:	169	Resp:	155839
Ion Ratio	Lower	Upper	
169	100		
168	66.8	53.4	80.0
167	36.2	29.5	44.3

Manual Integrations
APPROVED

sohil
7/25/2016 6:41:27 PM



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



#66

4-Bromophenyl-phenylether

Concen: 20.28 ng

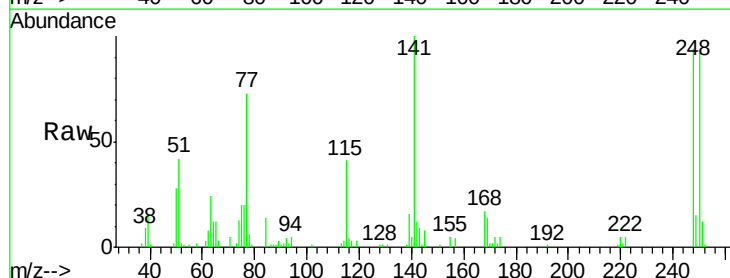
RT: 10.64 min Scan# 792

Delta R.T. -0.02 min

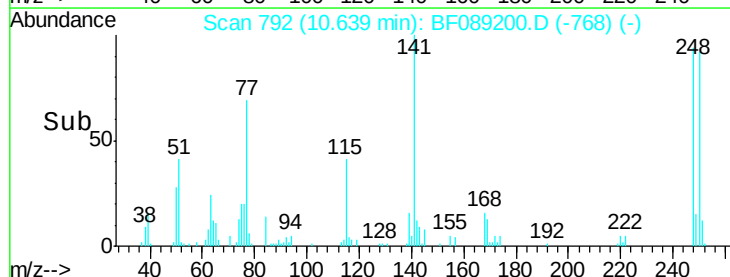
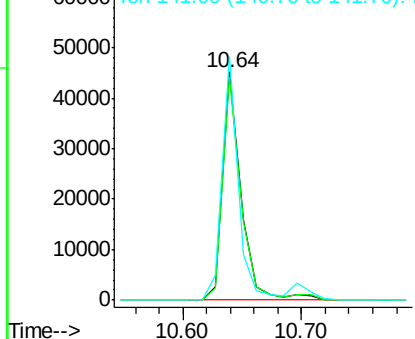
Lab File: BF089200.D

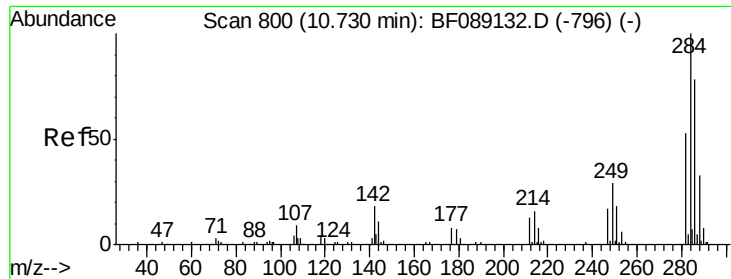
Acq: 22 Jul 2016 18:41

Tgt Ion:	248	Resp:	47950
Ion Ratio	Lower	Upper	
248	100		
250	98.2	76.9	115.3
141	106.9	77.4	116.2



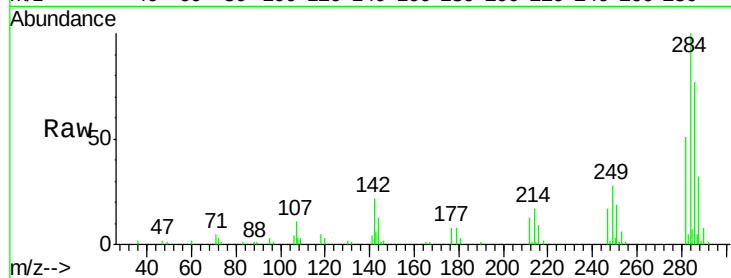
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67
Hexachlorobenzene
Concen: 18.39 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

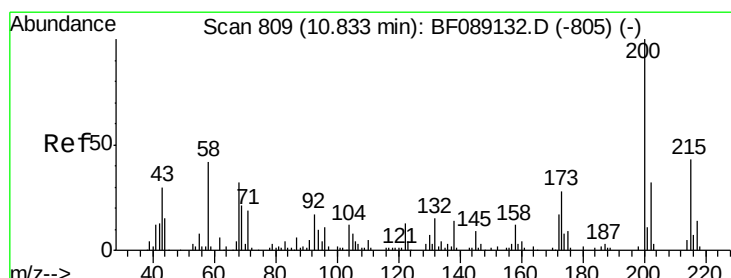
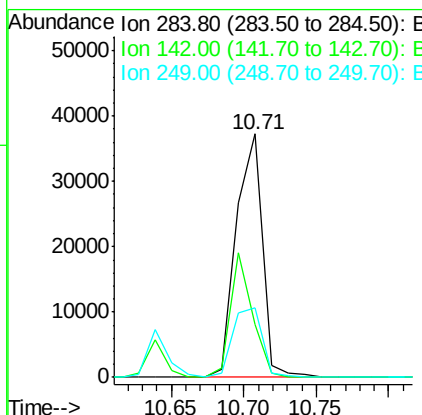
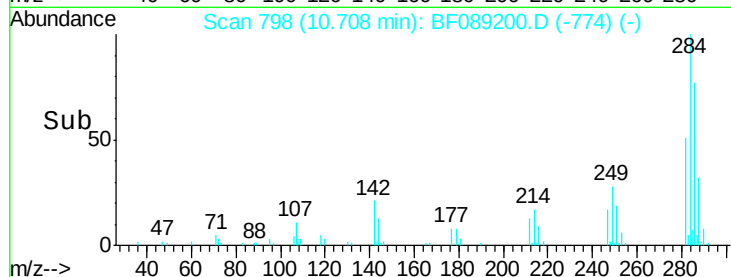
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02



Tgt Ion: 284 Resp: 46762
Ion Ratio Lower Upper
284 100
142 22.0 14.1 21.1#
249 28.3 23.0 34.4

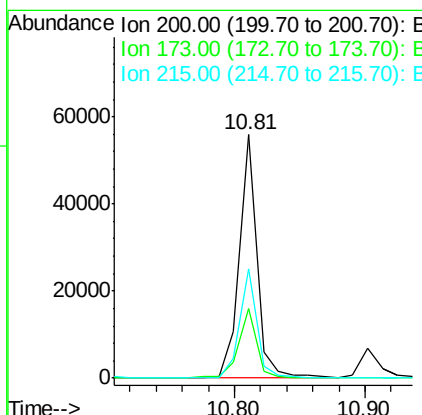
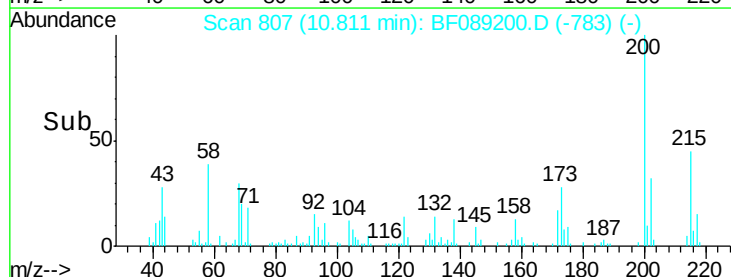
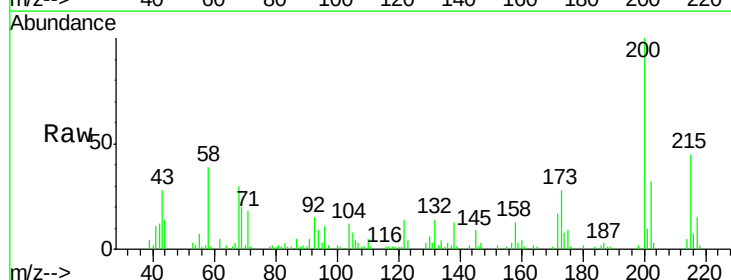
Manual Integrations
APPROVED

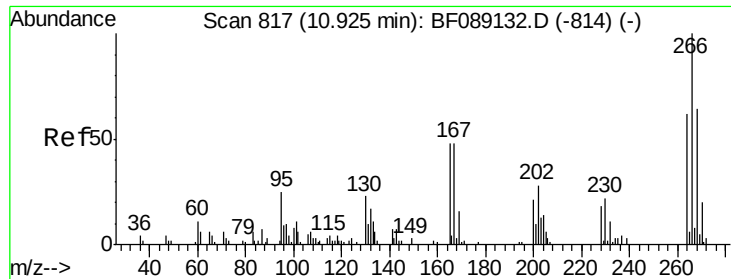
sohil
7/25/2016 6:41:27 PM



#68
Atrazine
Concen: 21.01 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion: 200 Resp: 52476
Ion Ratio Lower Upper
200 100
173 28.3 7.8 47.8
215 44.9 22.9 62.9





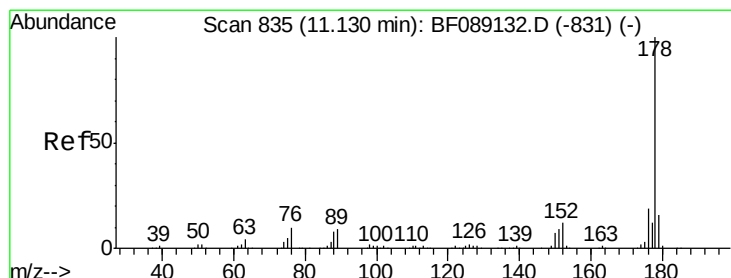
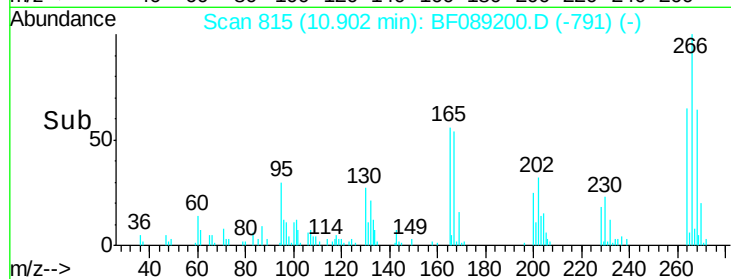
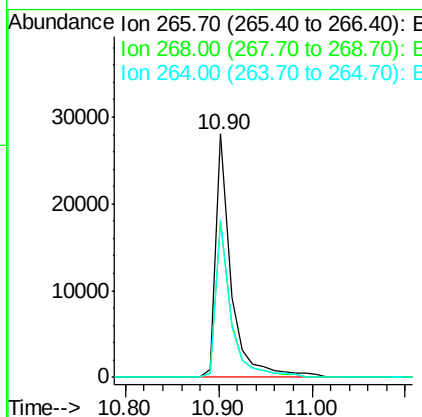
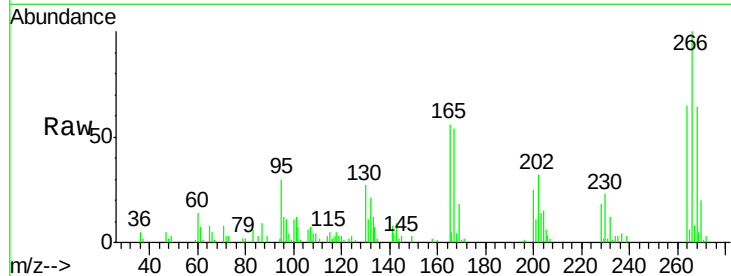
#69
 Pentachlorophenol
 Concen: 27.40 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	32154		
268	63.9	51.2	76.8	
264	64.9	49.7	74.5	

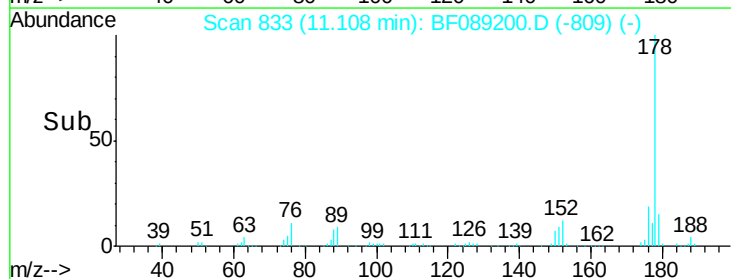
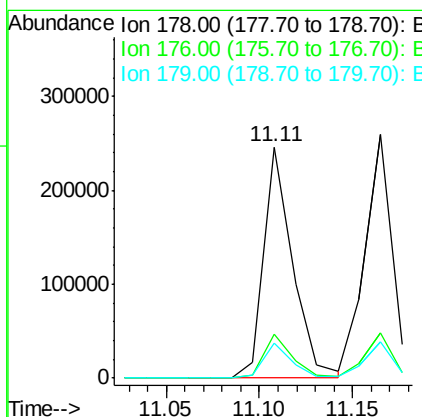
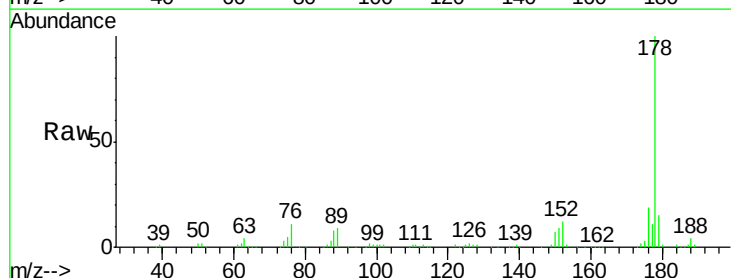
Manual Integrations
 APPROVED

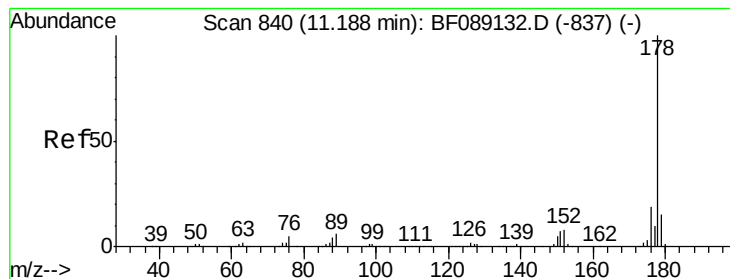
sohil
 7/25/2016 6:41:27 PM



#70
 Phenanthrene
 Concen: 20.10 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	263418		
176	18.9	15.6	23.4	
179	15.3	12.4	18.6	





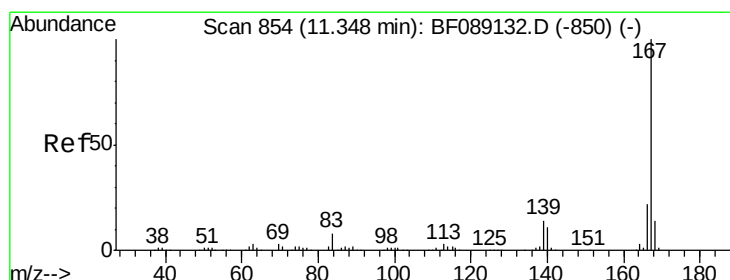
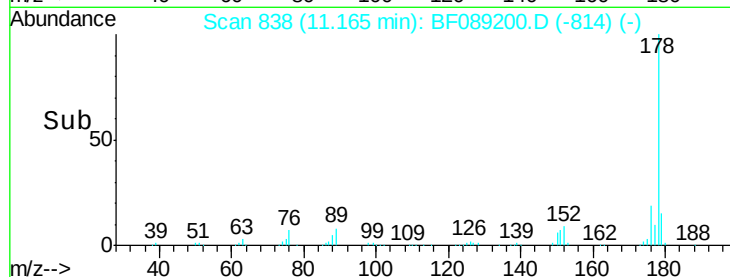
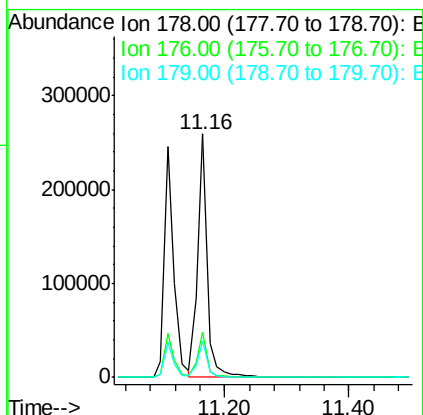
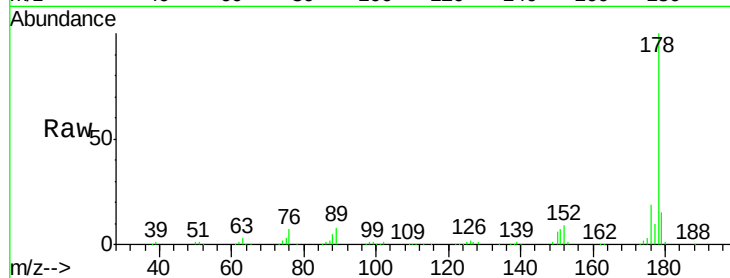
#71
 Anthracene
 Concen: 20.65 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.1	12.0	18.0

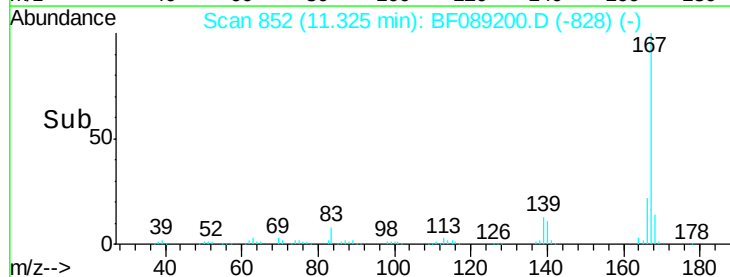
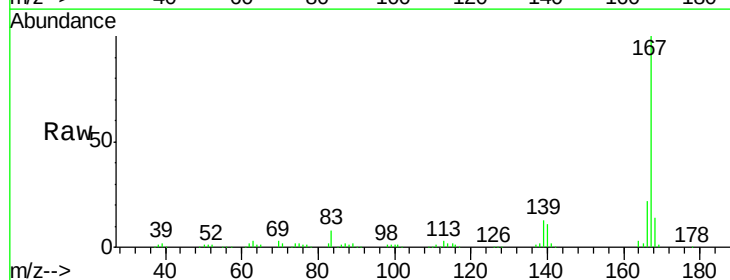
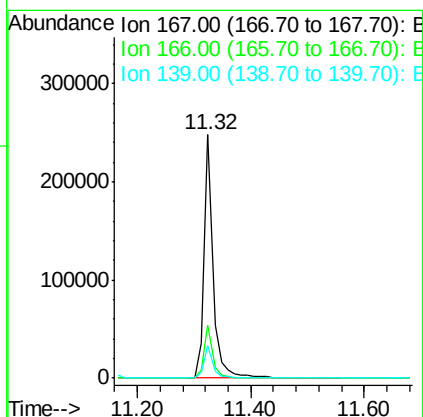
Manual Integrations
 APPROVED

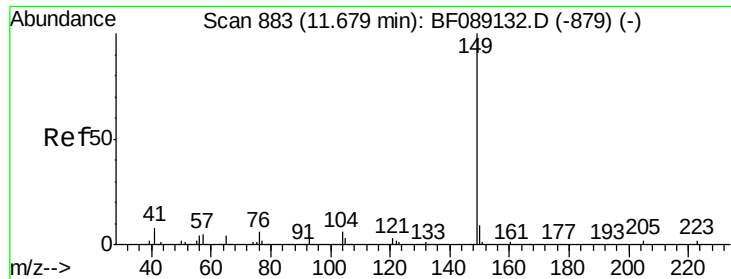
sohil
 7/25/2016 6:41:27 PM



#72
 Carbazole
 Concen: 21.81 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	13.3	11.0	16.4





#73

Di-n-butylphthalate

Concen: 20.87 ng

RT: 11.67 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

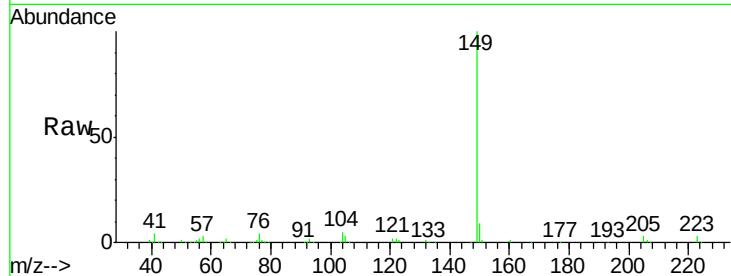
ClientSampleId :

LOQ-WATER2016-02

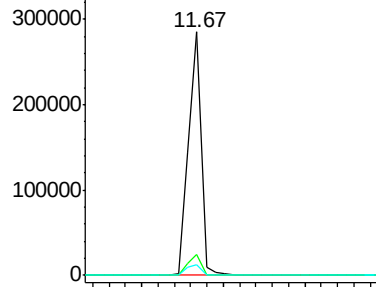
Tgt Ion:	149	Resp:	308954
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.4	11.2
104	4.6	4.6	6.8

Manual Integrations
APPROVED

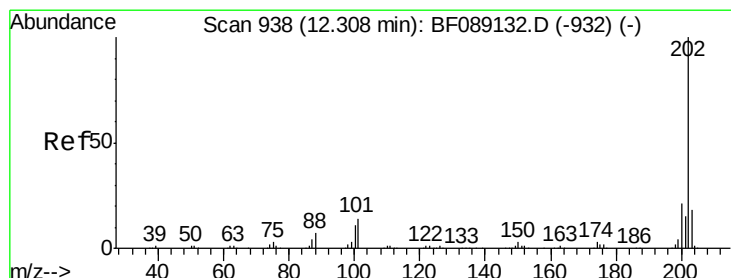
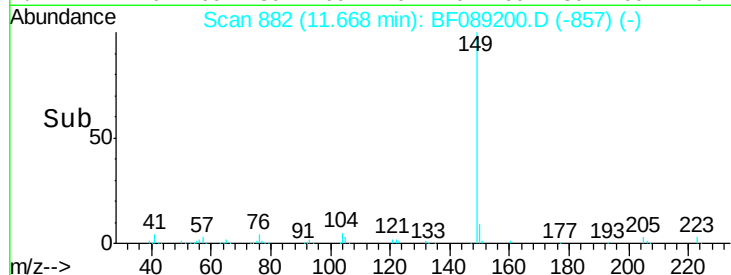
sohil
7/25/2016 6:41:27 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->



#74

Fluoranthene

Concen: 19.37 ng

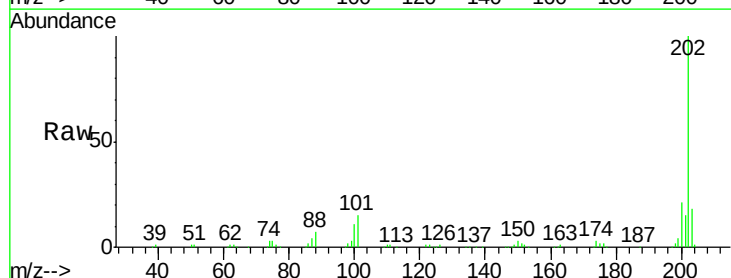
RT: 12.29 min Scan# 936

Delta R.T. -0.02 min

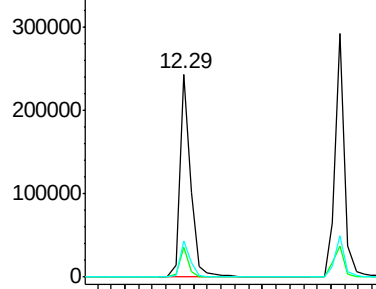
Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

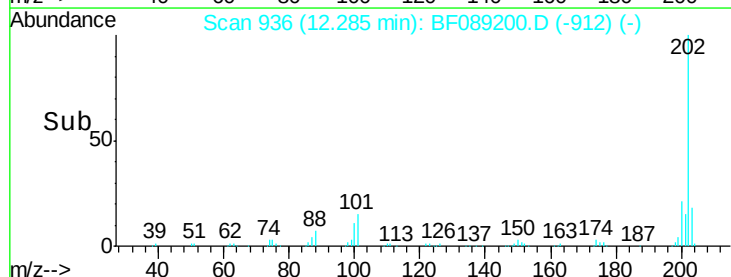
Tgt Ion:	202	Resp:	266857
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	34.0
203	17.9	0.0	37.8

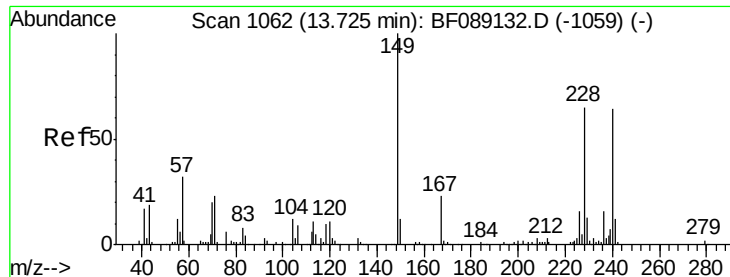


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

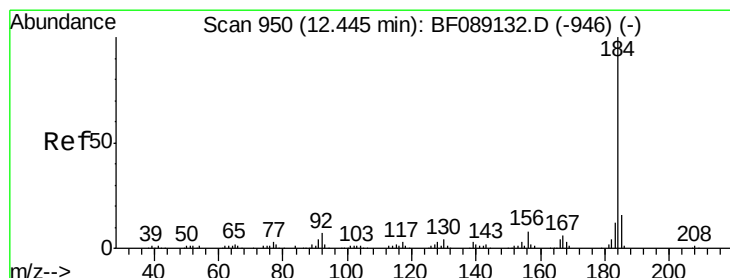
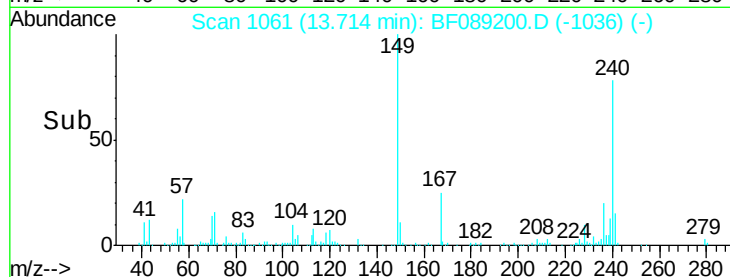
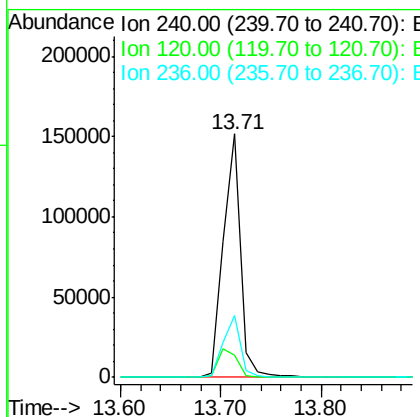
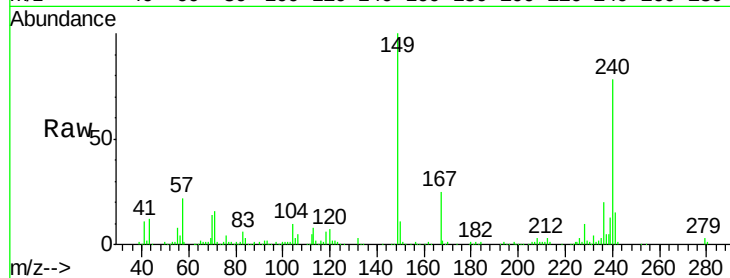
ClientSampleId :

LOQ-WATER2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	180926		
120	9.2	13.6	20.4#	
236	25.2	20.5	30.7	

Manual Integrations
APPROVED

sohil
7/25/2016 6:41:27 PM



#76

Benzidine

Concen: 8.80 ng

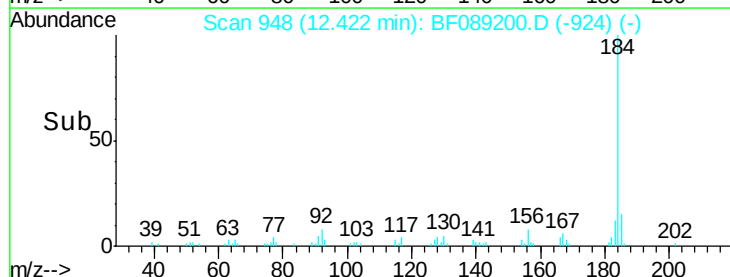
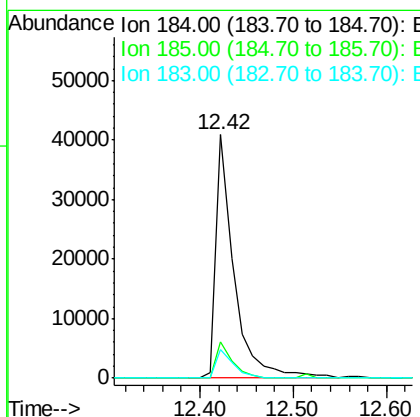
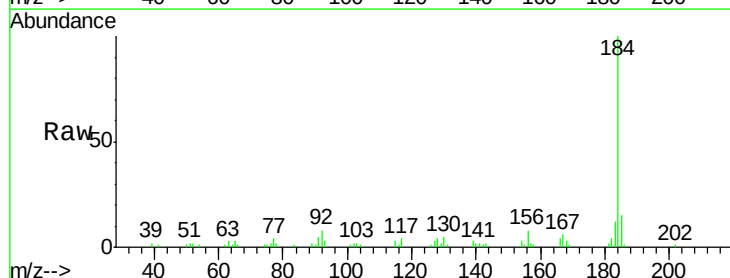
RT: 12.42 min Scan# 948

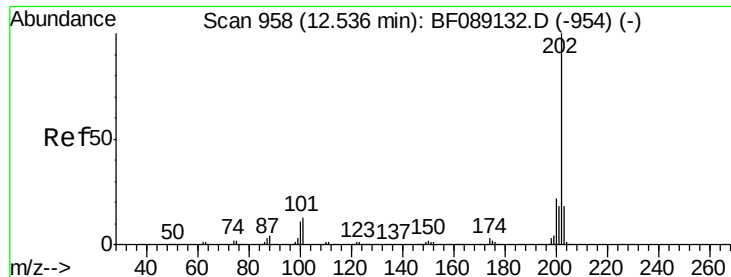
Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	54737		
185	14.8	12.5	18.7	
183	11.8	9.6	14.4	





#77

Pyrene

Concen: 19.08 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

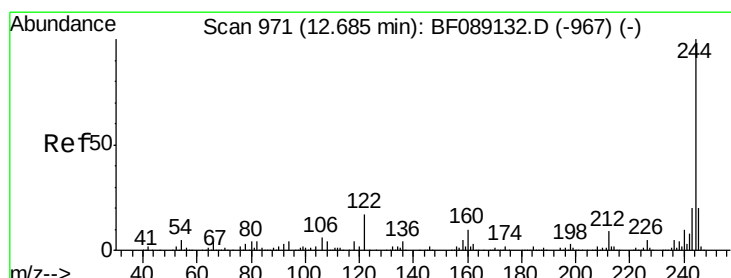
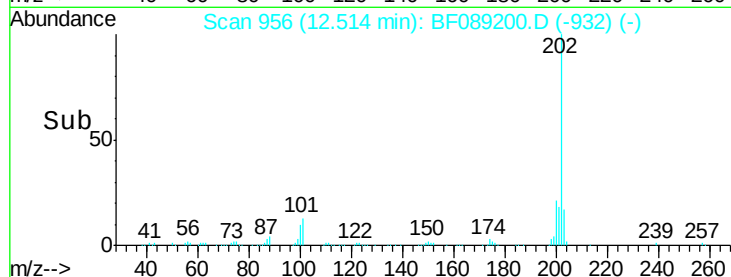
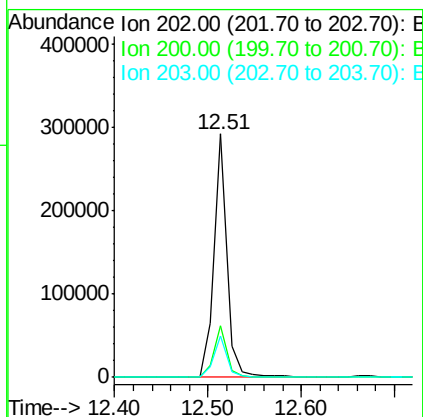
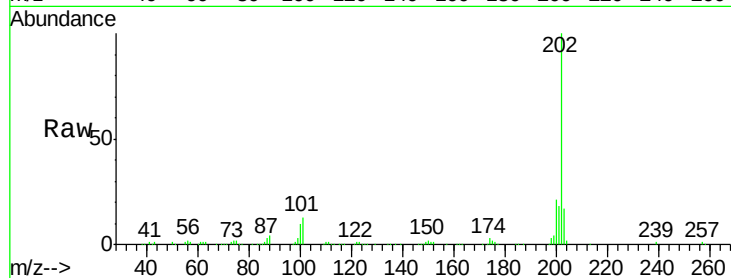
ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:	202	Resp:	285082
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.4	26.0
203	17.1	14.2	21.2

Manual Integrations
APPROVED

sohil
7/25/2016 6:41:27 PM



#78

Terphenyl-d14

Concen: 74.08 ng

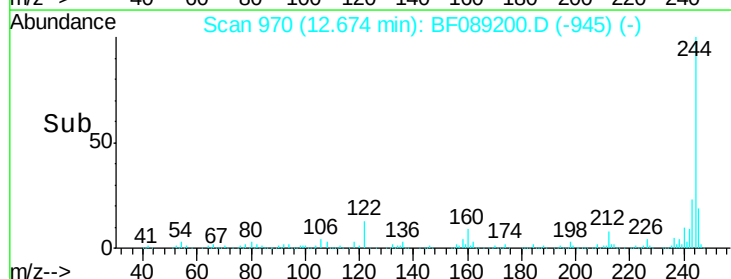
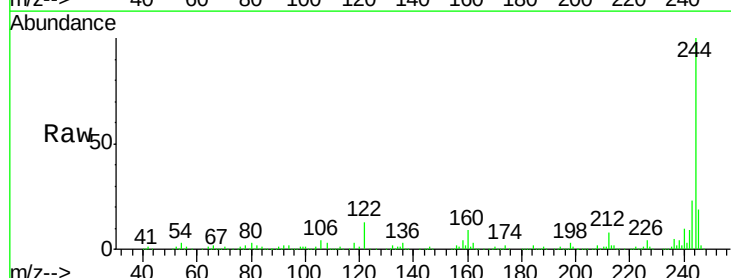
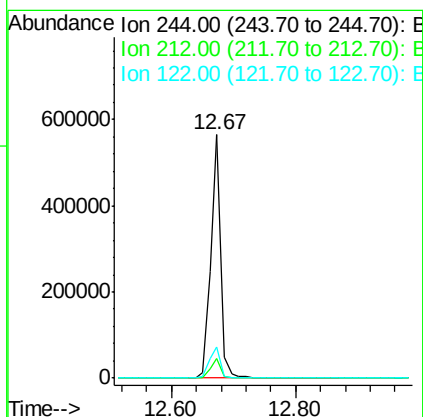
RT: 12.67 min Scan# 970

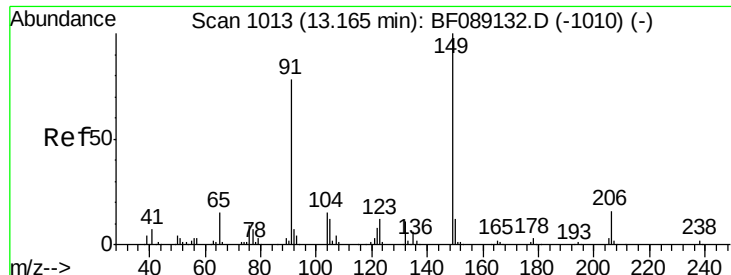
Delta R.T. -0.01 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Tgt Ion:	244	Resp:	617902
Ion Ratio	Lower	Upper	
244	100		
212	8.0	7.0	10.4
122	12.7	13.8	20.8#





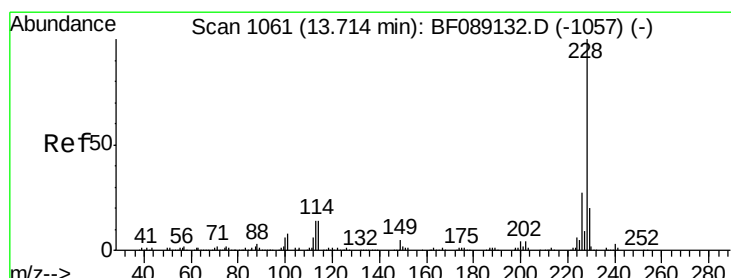
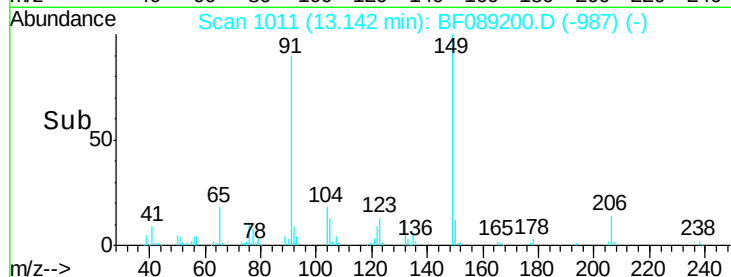
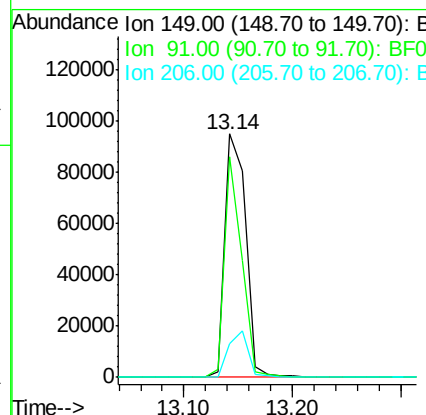
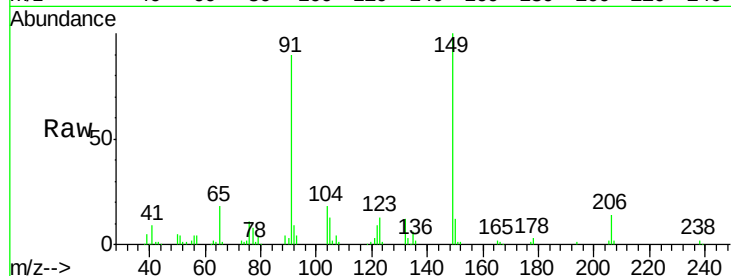
#79
Butylbenzylphthalate
Concen: 20.11 ng
RT: 13.14 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	127118		
91	90.4	62.6	93.8	
206	13.8	13.2	19.8	

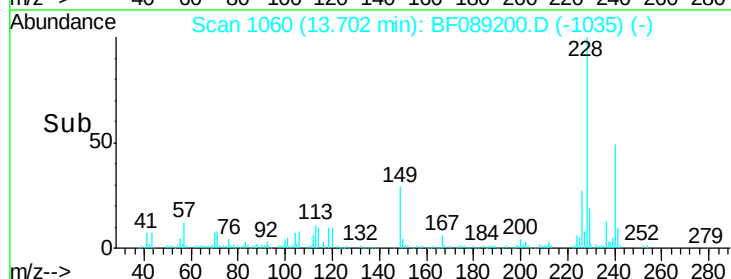
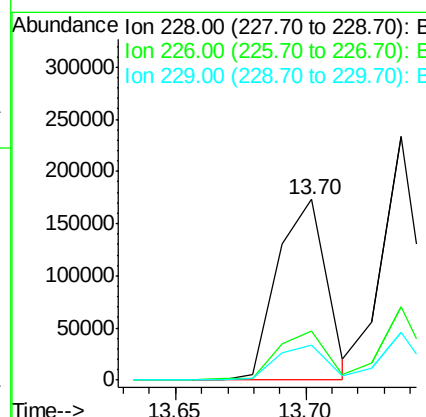
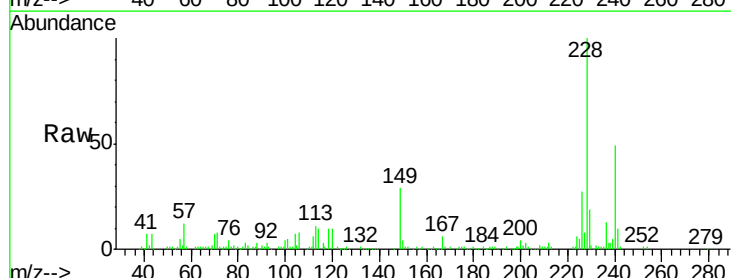
Manual Integrations
APPROVED

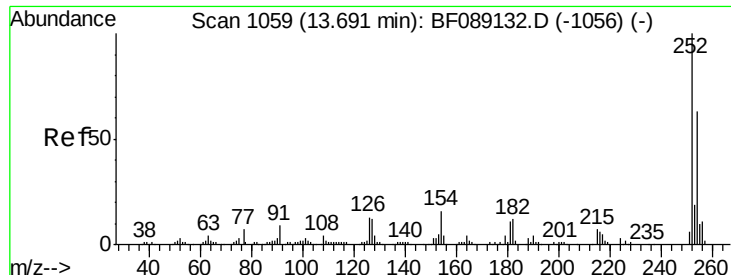
sohil
7/25/2016 6:41:27 PM



#80
Benzo(a)anthracene
Concen: 19.55 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	225254		
226	27.2	21.8	32.8	
229	19.3	15.8	23.8	





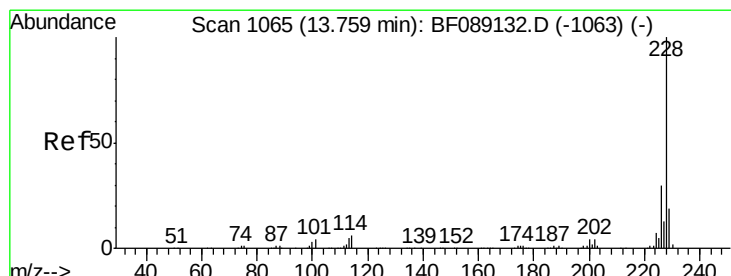
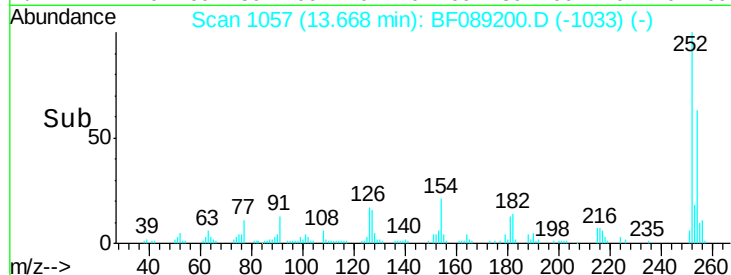
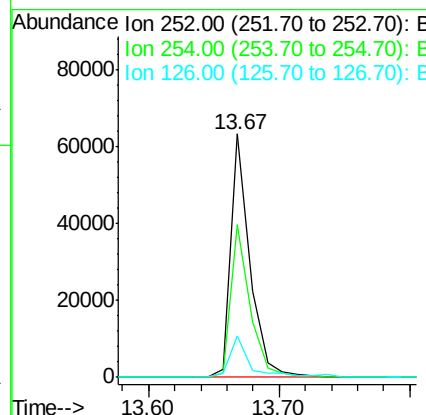
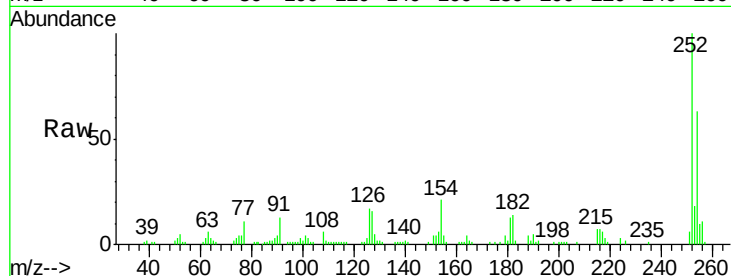
#81
 3,3'-Dichlorobenzidine
 Concen: 16.96 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.6	50.4	75.6
126	16.7	10.2	15.2

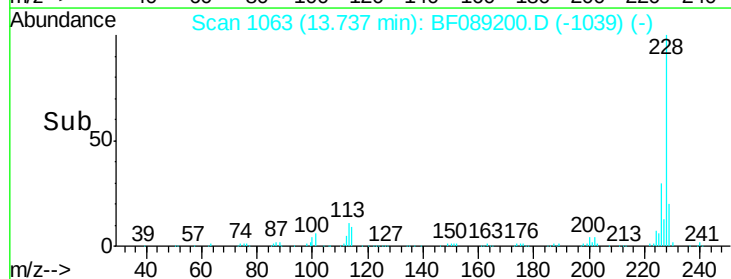
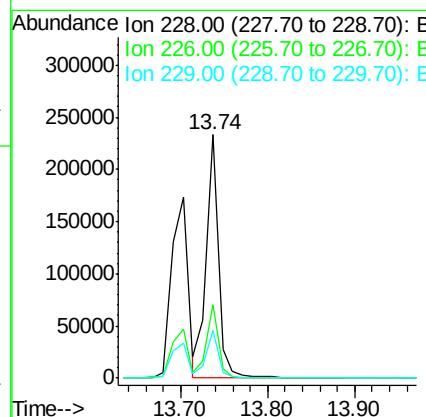
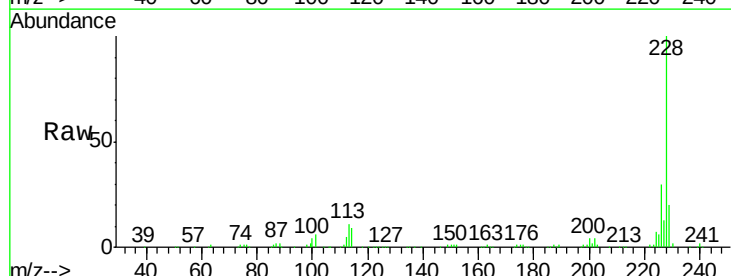
Manual Integrations
 APPROVED

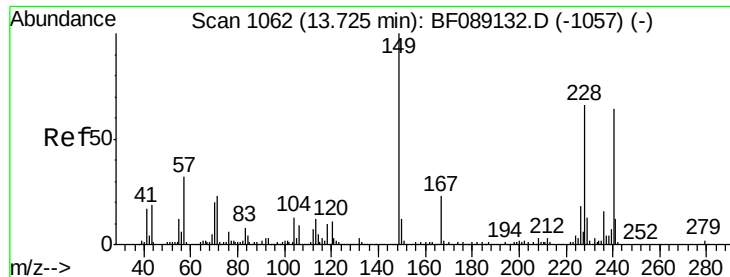
sohil
 7/25/2016 6:41:27 PM



#82
 Chrysene
 Concen: 20.83 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.0	23.8	35.8
229	19.5	15.4	23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 21.36 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089200.D

Acq: 22 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tgt Ion:149 Resp: 179095
Ion Ratio Lower Upper

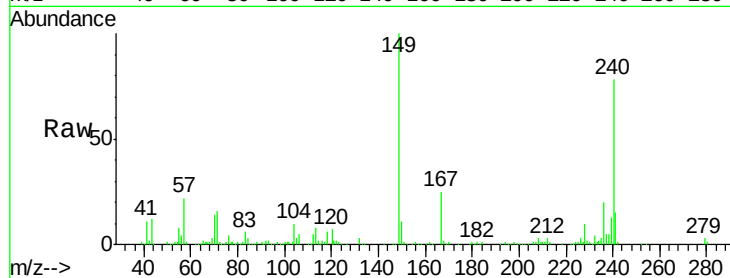
149 100

167 25.4 18.6 28.0

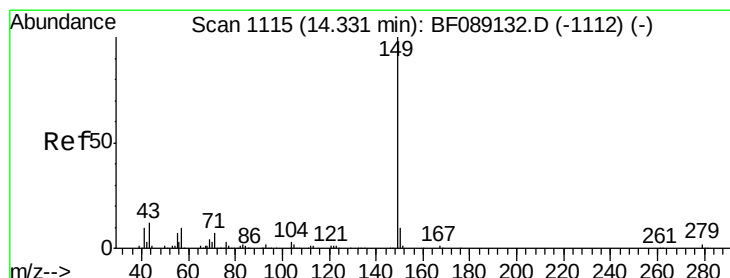
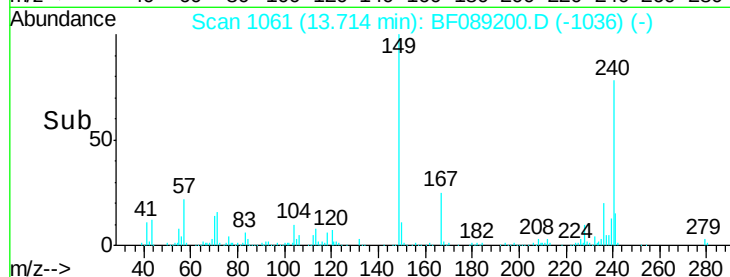
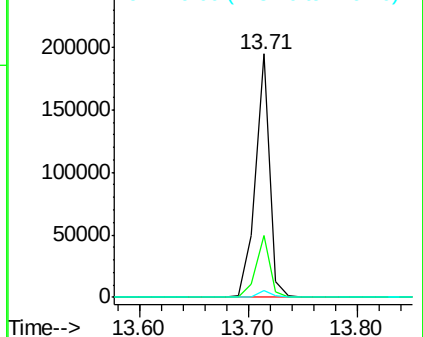
279 3.0 1.6 2.4#

Manual Integrations
APPROVED

sohil
7/25/2016 6:41:27 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: 21.54 ng

RT: 14.32 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF089200.D

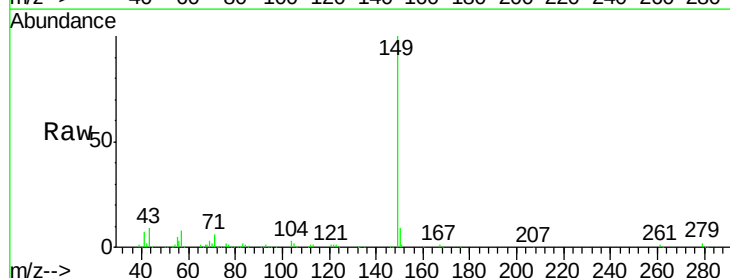
Acq: 22 Jul 2016 18:41

Tgt Ion:149 Resp: 298023
Ion Ratio Lower Upper

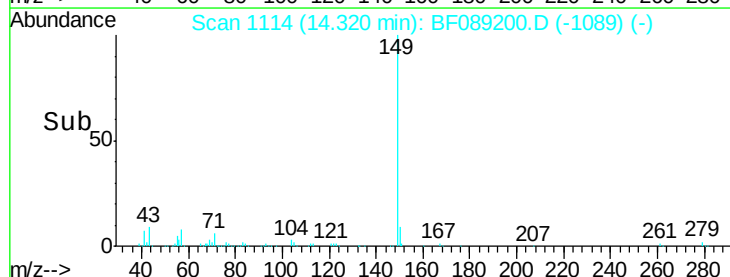
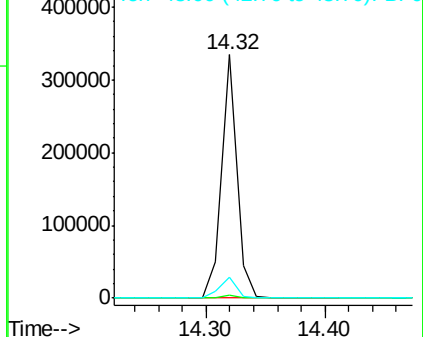
149 100

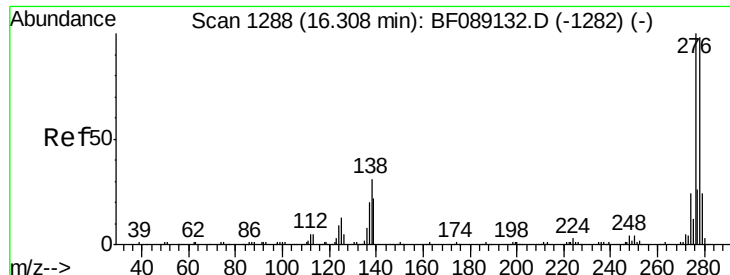
167 1.4 1.2 1.8

43 9.6 7.3 10.9



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





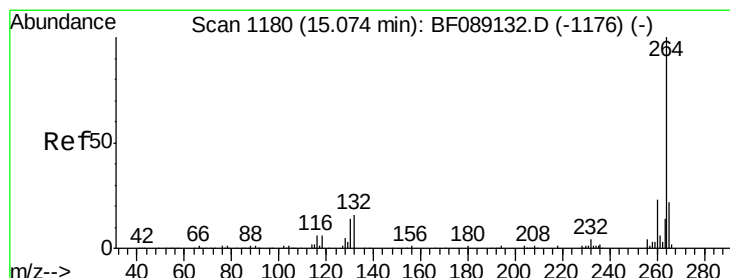
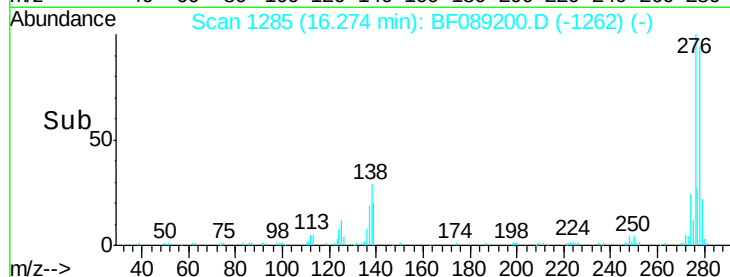
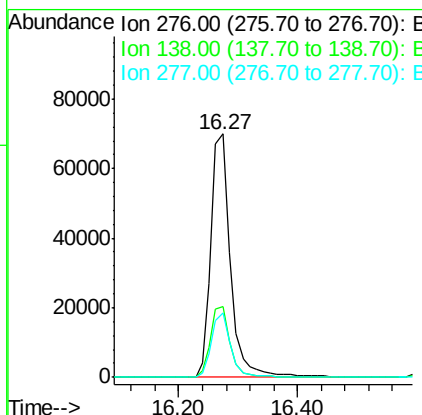
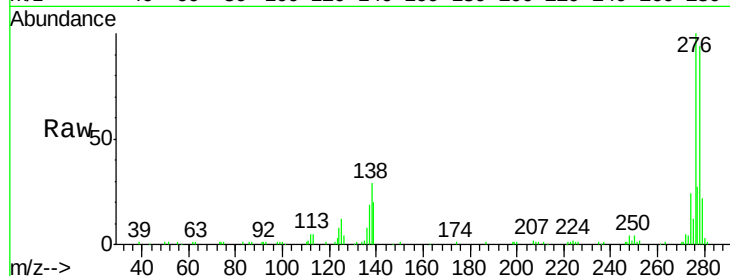
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.12 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. -0.03 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	160829		
138	29.3		23.7	35.5
277	25.8		20.6	31.0

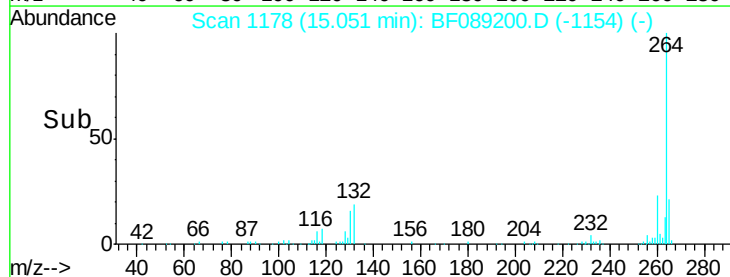
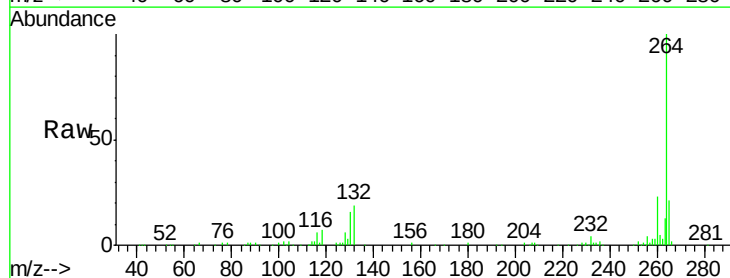
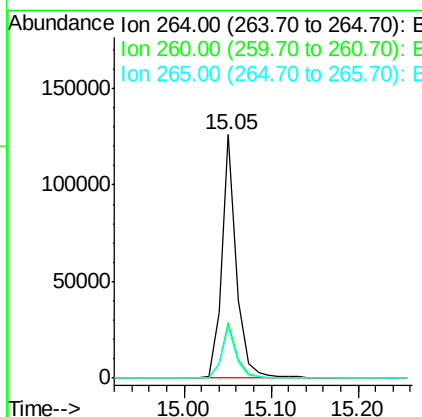
Manual Integrations
 APPROVED

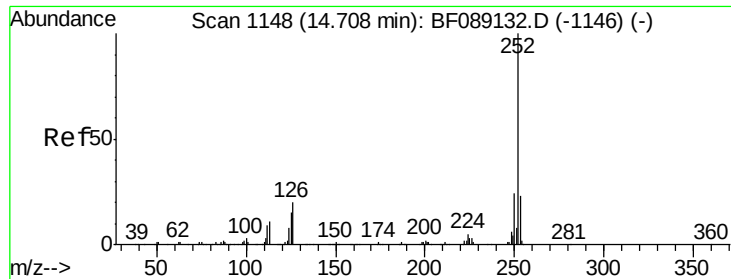
sohil
 7/25/2016 6:41:27 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	147916		
260	22.8		18.5	27.7
265	21.2		17.3	25.9





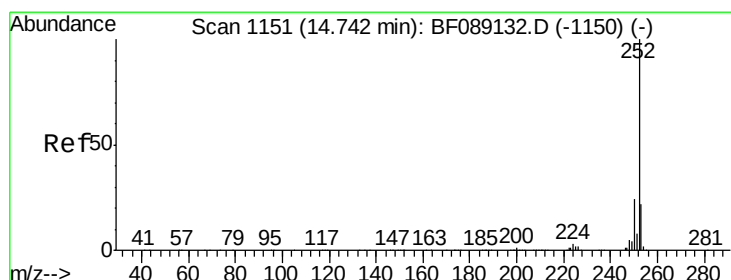
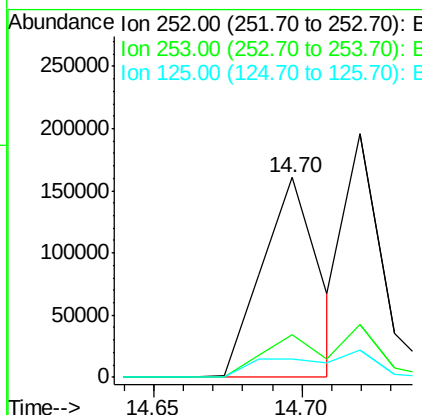
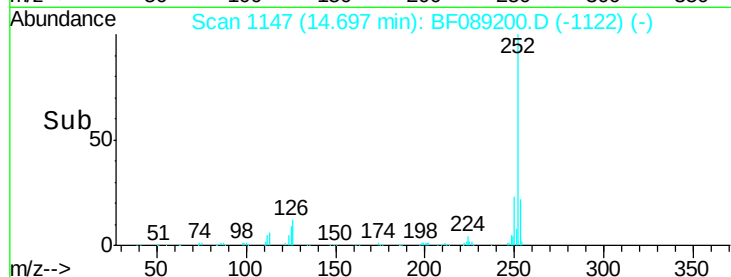
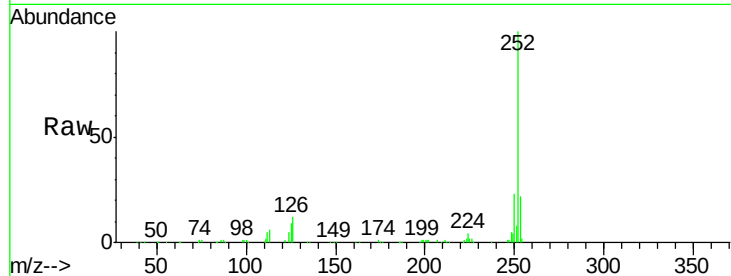
#87
Benzo(b)fluoranthene
Concen: 19.97 ng m
RT: 14.70 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampled :
LOQ-WATER2016-02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	9.3	11.9	17.9

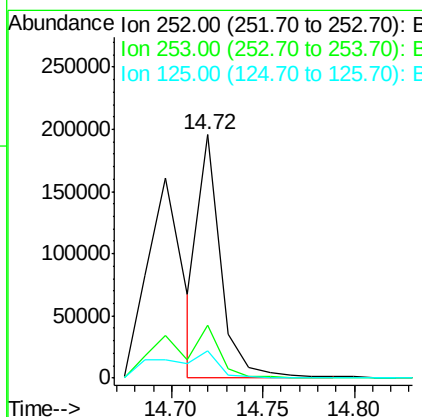
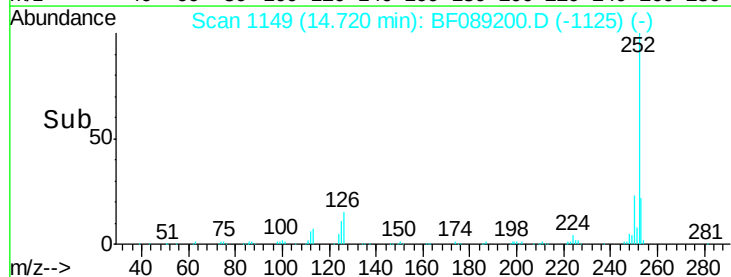
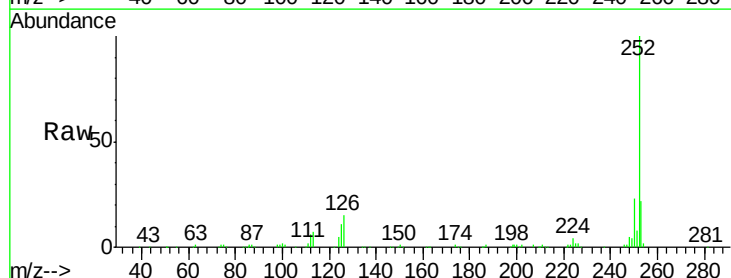
Manual Integrations
APPROVED

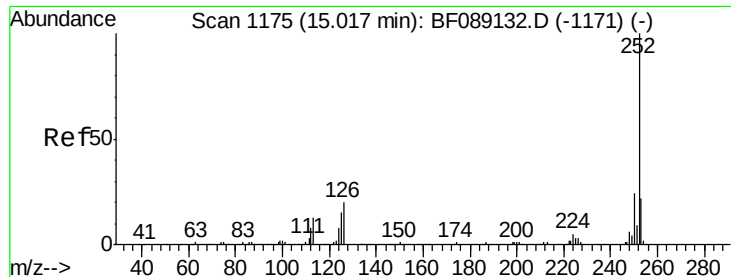
sohil
7/25/2016 6:41:27 PM



#88
Benzo(k)fluoranthene
Concen: 22.31 ng m
RT: 14.72 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	11.0	6.3	9.5





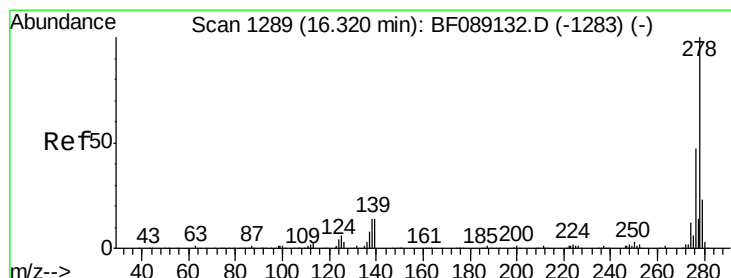
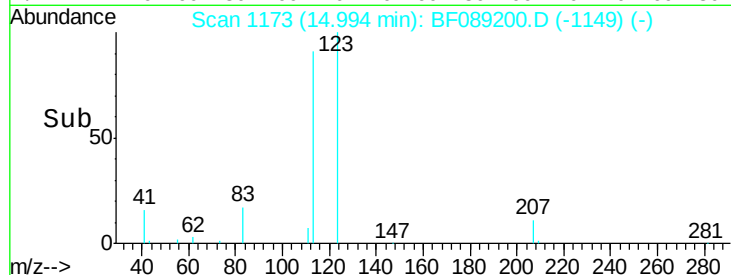
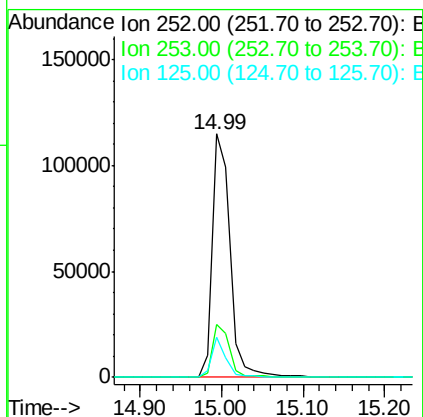
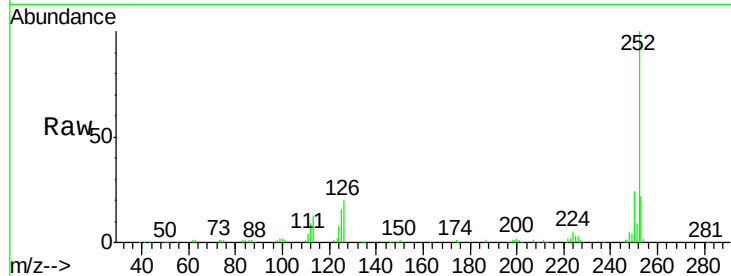
#89
Benzo(a)pyrene
Concen: 21.03 ng
RT: 14.99 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	16.3	12.4	18.6

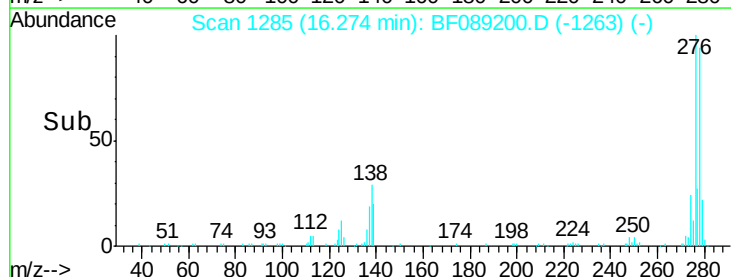
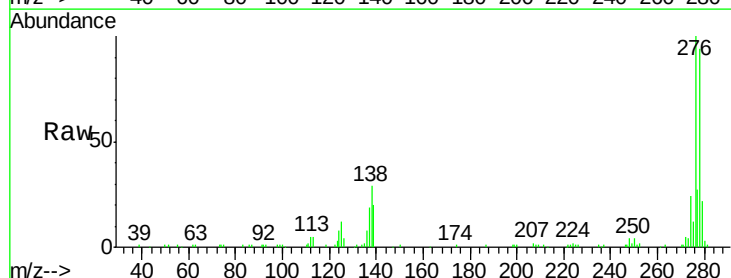
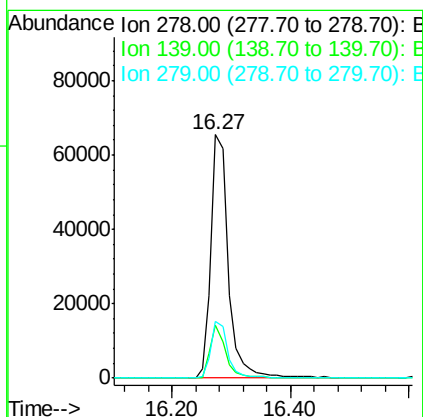
Manual Integrations
APPROVED

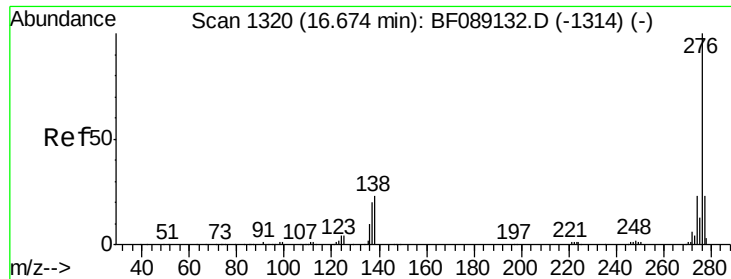
sohil
7/25/2016 6:41:27 PM



#90
Dibenzo(a,h)anthracene
Concen: 20.41 ng
RT: 16.27 min Scan# 1285
Delta R.T. -0.05 min
Lab File: BF089200.D
Acq: 22 Jul 2016 18:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.6	11.4	17.2#
279	23.5	18.4	27.6





#91
 Benzo(g,h,i)perylene
 Concen: 19.50 ng
 RT: 16.63 min Scan# 1316
 Delta R.T. -0.05 min
 Lab File: BF089200.D
 Acq: 22 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tgt Ion:	276	Resp:	129137
Ion Ratio	Lower	Upper	
276	100		
277	22.6	18.5	27.7
138	26.1	18.5	27.7

Manual Integrations
 APPROVED

sohil
 7/25/2016 6:41:27 PM

