

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086322.D
 Acq On : 20 Apr 2016 21:39
 Operator : UM/SJ
 Sample : H1824-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Manual Integrations
 APPROVED

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 4/21/2016 7:10:44 PM

Quant Time: Apr 21 01:41:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	266067	20.00	ng	-0.03
21) Naphthalene-d8	8.14	136	1095751	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	507028	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	852688	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	489733	20.00	ng	-0.03
86) Perylene-d12	15.44	264	462065	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1960307	128.55	ng	-0.01
7) Phenol-d6	6.50	99	2488907	124.72	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1592211	83.22	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	512896	129.78	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2569882	100.90	ng	-0.03
78) Terphenyl-d14	12.97	244	1714374	83.33	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	120635	14.60	ng	# 90
3) Pyridine	3.31	79	296862	14.04	ng	95
4) n-Nitrosodimethylamine	3.21	42	122247	16.78	ng	# 68
6) Aniline	6.52	93	265432	9.88	ng	# 82
8) 2-Chlorophenol	6.65	128	332280	18.34	ng	84
9) Benzaldehyde	6.41	77	304401	21.52	ng	98
10) Phenol	6.51	94	395194	17.28	ng	91
11) bis(2-Chloroethyl)ether	6.60	93	351905	17.62	ng	92
12) 1,3-Dichlorobenzene	6.80	146	354168	17.82	ng	98
13) 1,4-Dichlorobenzene	6.88	146	384817	18.12	ng	98
14) 1,2-Dichlorobenzene	7.04	146	328143	17.42	ng	99
15) Benzyl Alcohol	7.00	79	249276	20.10	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	481196	17.12	ng	89
17) 2-Methylphenol	7.12	107	295701	19.53	ng	96
18) Hexachloroethane	7.38	117	124949	19.74	ng	92
19) n-Nitroso-di-n-propylamine	7.28	70	244729	20.25	ng	94
20) 3+4-Methylphenols	7.26	107	342518	20.86	ng	# 80
22) Acetophenone	7.28	105	479003	20.81	ng	# 96
24) Nitrobenzene	7.45	77	347084	16.96	ng	95
25) Isophorone	7.68	82	660249	18.21	ng	95
26) 2-Nitrophenol	7.77	139	173281	18.93	ng	# 71
27) 2,4-Dimethylphenol	7.80	122	317211	17.67	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	416880	19.66	ng	99
29) 2,4-Dichlorophenol	8.01	162	280828	19.83	ng	93
30) 1,2,4-Trichlorobenzene	8.09	180	294117	19.25	ng	100
31) Naphthalene	8.17	128	1052380	20.15	ng	98
32) Benzoic acid	7.89	122	156164	14.63	ng	90
33) 4-Chloroaniline	8.22	127	164486	7.61	ng	# 92
34) Hexachlorobutadiene	8.29	225	142886	18.56	ng	98
35) Caprolactam	8.57	113	85218	18.58	ng	# 64
36) 4-Chloro-3-methylphenol	8.70	107	308545	19.38	ng	95
37) 2-Methylnaphthalene	8.86	142	651515	20.20	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	257636	19.09	ng	97
40) Hexachlorocyclopentadiene	9.01	237	83821	26.60	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	173998	18.58	nq	98
43) 2,4,5-Trichlorophenol	9.17	196	184394	18.08	nq #	84
45) 1,1'-Biphenyl	9.32	154	793145	19.92	nq	99
46) 2-Chloronaphthalene	9.34	162	585148	19.39	nq	99
47) 2-Nitroaniline	9.45	65	189636	18.49	nq #	73
48) Acenaphthylene	9.76	152	945005	20.06	nq	98
49) Dimethylphthalate	9.62	163	693786	17.97	nq	99
50) 2,6-Dinitrotoluene	9.69	165	159809	20.12	nq	94
51) Acenaphthene	9.94	154	563709	20.39	nq	97
52) 3-Nitroaniline	9.86	138	113121	11.20	nq	85
53) 2,4-Dinitrophenol	9.96	184	32459	24.59	nq #	55
54) Dibenzofuran	10.11	168	824898	21.95	nq	99
55) 4-Nitrophenol	10.01	139	109041	17.41	nq	86
56) 2,4-Dinitrotoluene	10.09	165	204309	20.69	nq	98
57) Fluorene	10.45	166	601207	21.59	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	155636	22.75	nq	89
59) Diethylphthalate	10.33	149	725307	19.26	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	278186	21.57	nq	99
61) 4-Nitroaniline	10.46	138	169551	17.93	nq #	84
62) Azobenzene	10.60	77	790751	21.30	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	56019	24.31	nq	97
65) n-Nitrosodiphenylamine	10.56	169	551123	19.62	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	173819	18.97	nq	98
67) Hexachlorobenzene	10.99	284	167344	18.20	nq	96
68) Atrazine	11.08	200	161586	18.71	nq	99
69) Pentachlorophenol	11.18	266	92295	19.16	nq	97
70) Phenanthrene	11.40	178	825283	20.42	nq	99
71) Anthracene	11.46	178	920196	21.26	nq	98
72) Carbazole	11.62	167	847811	20.70	nq	96
73) Di-n-butylphthalate	11.95	149	1094630	20.76	nq	98
74) Fluoranthene	12.59	202	771820	20.60	nq	97
76) Benzidine	12.72	184	160582	7.43	nq	98
77) Pyrene	12.82	202	742148	20.43	nq	99
79) Butylbenzylphthalate	13.44	149	373239	19.46	nq #	72
80) Benzo(a)anthracene	14.01	228	497217	19.27	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	117595	6.59	nq #	96
82) Chrysene	14.04	228	566359	20.31	nq	97
83) Bis(2-ethylhexyl)phthalate	14.00	149	465911	20.75	nq #	97
84) Di-n-octyl phthalate	14.61	149	786082	19.42	nq	95
85) Indeno(1,2,3-cd)pyrene	16.83	276	484723	16.91	nq	96
87) Benzo(b)fluoranthene	15.03	252	276865m	10.36	nq	
88) Benzo(k)fluoranthene	15.06	252	557442m	24.78	nq	
89) Benzo(a)pyrene	15.38	252	479591	19.47	nq	99
90) Dibenzo(a,h)anthracene	16.84	278	410955	19.11	nq #	95
91) Benzo(g,h,i)perylene	17.24	276	388292	18.83	nq	94

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

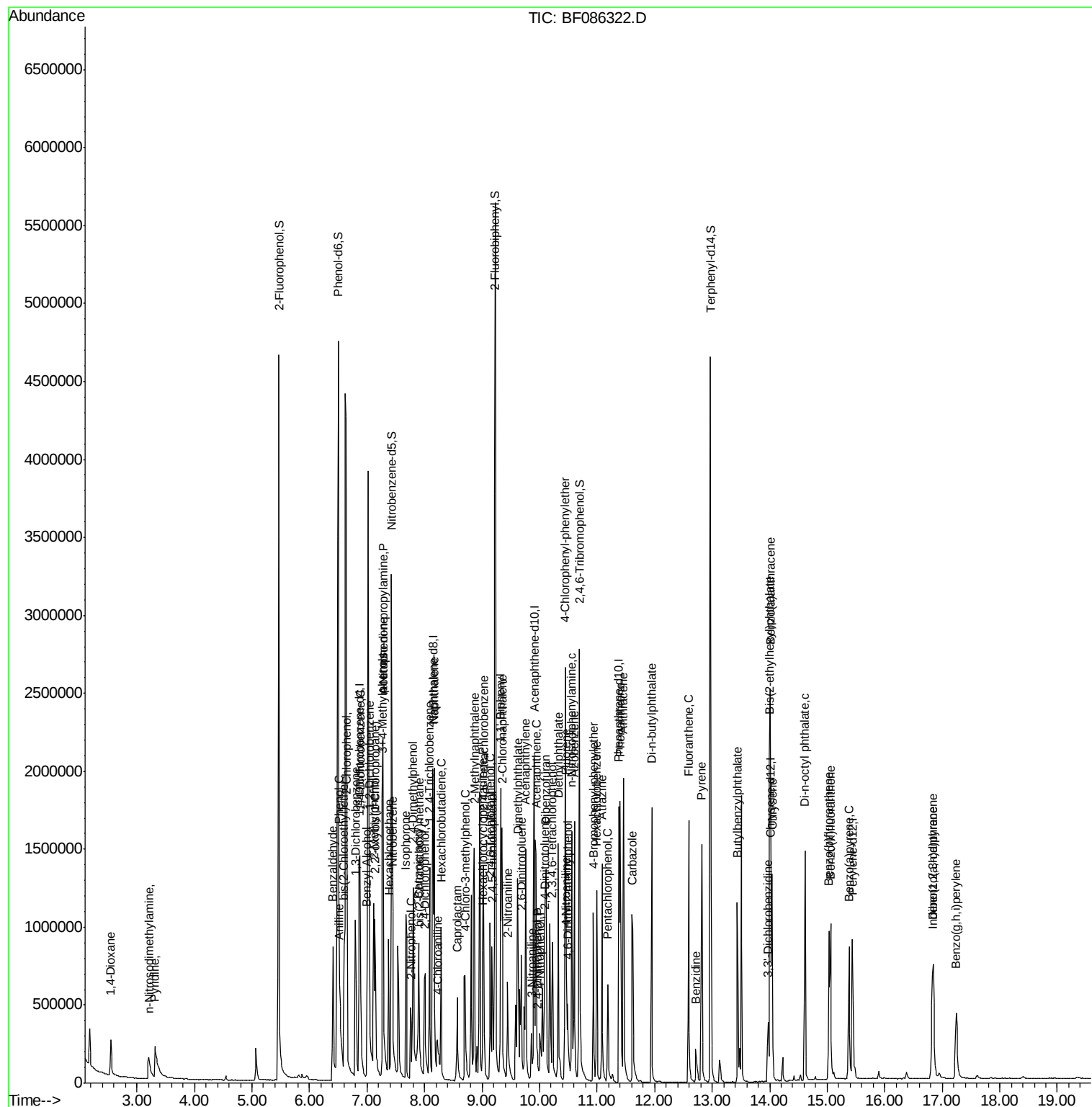
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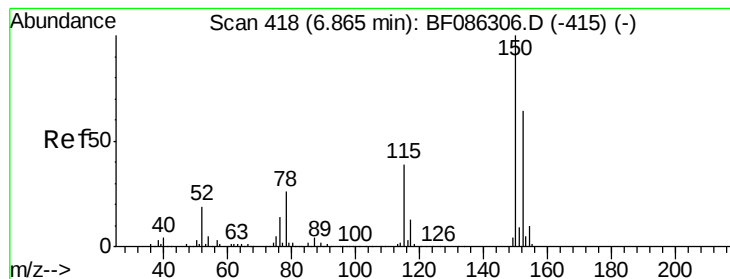
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

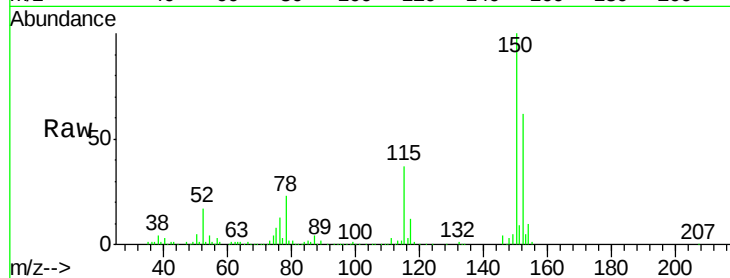
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LOQ-WATER2016-02

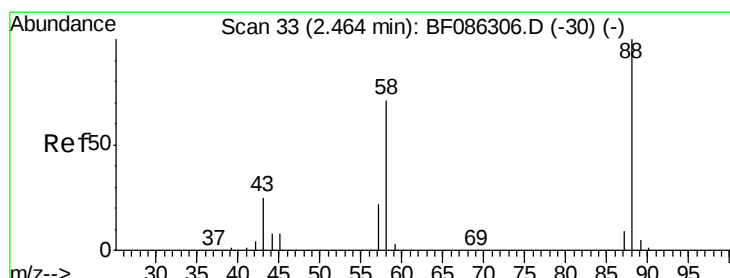
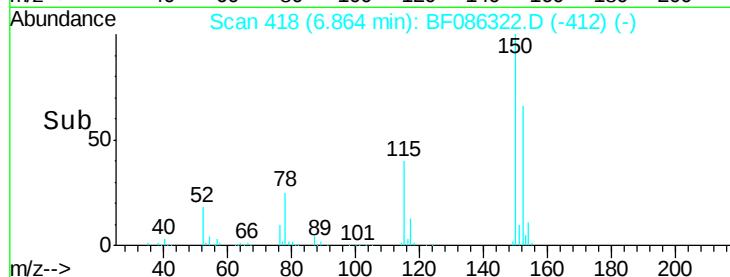
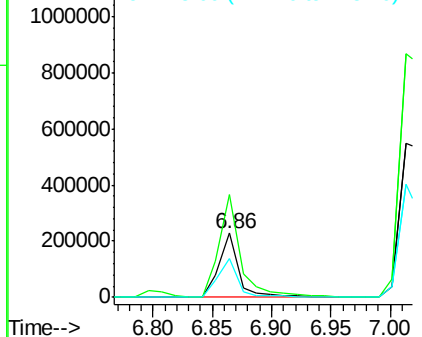
Tot Ion:	152	Resp:	266067
Ion Ratio	Lower	Upper	
152	100		
150	160.7	124.1	186.1
115	60.2	43.9	65.9

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



#2

1,4-Dioxane

Concen: 14.60 ng

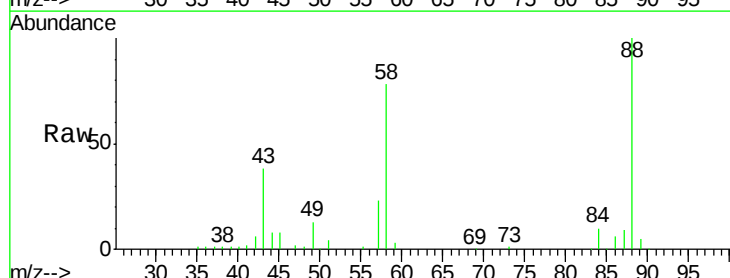
RT: 2.54 min Scan# 40

Delta R.T. 0.03 min

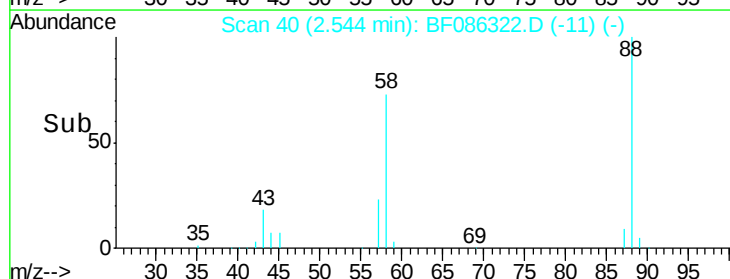
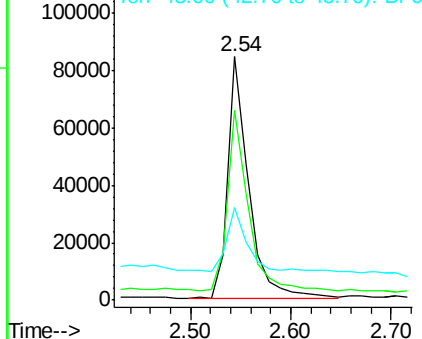
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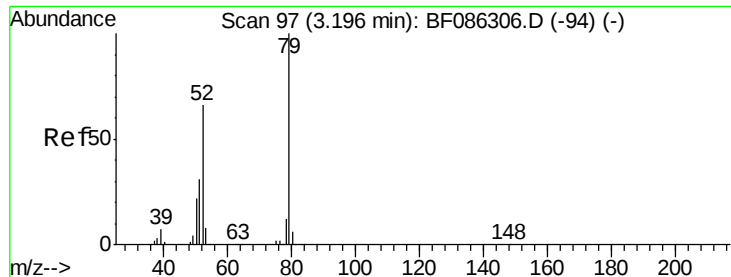
Acq: 20 Apr 2016 21:39

Tgt Ion:	88	Resp:	120635
Ion Ratio	Lower	Upper	
88	100		
58	75.2	58.4	87.6
43	43.6	23.3	34.9#



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





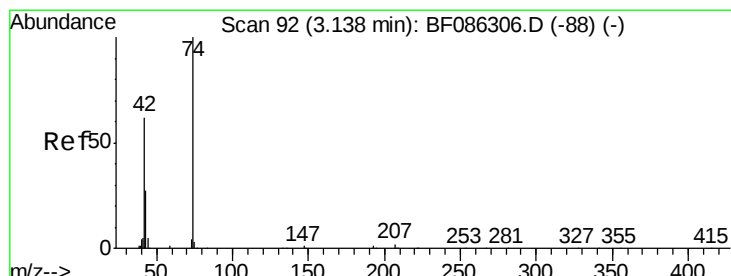
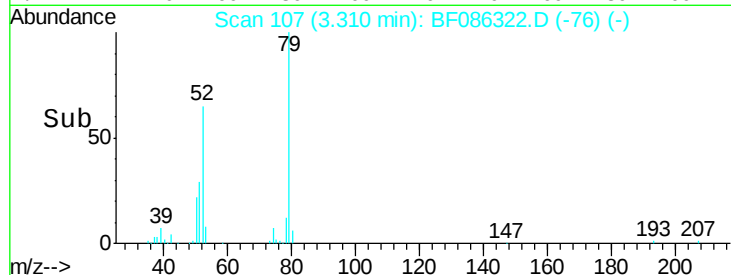
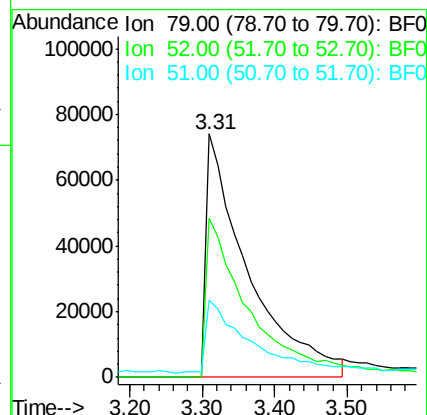
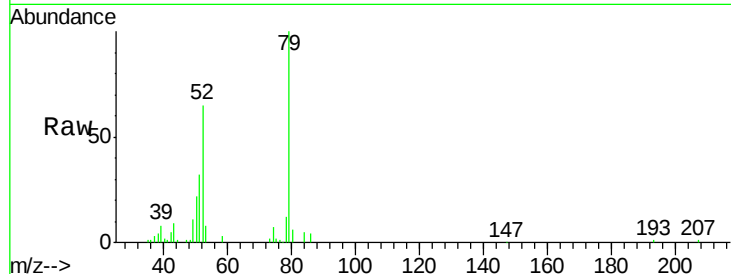
#3
 Pvridine
 Concen: 14.04 ng
 RT: 3.31 min Scan# 107
 Delta R.T. 0.06 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

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 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	296862		
52	52	65.1		55.4	83.2
51	51	31.8		28.1	42.1

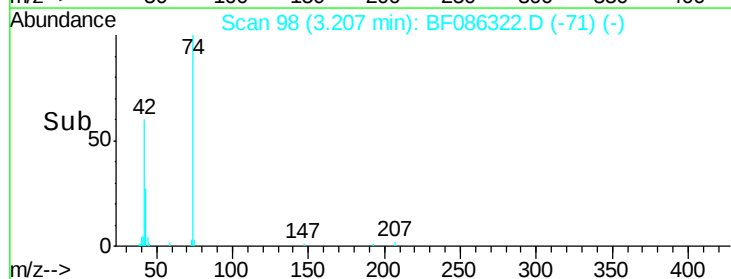
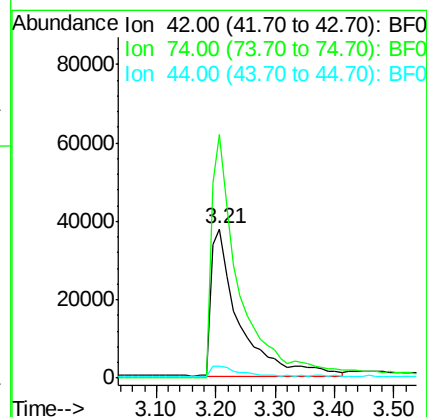
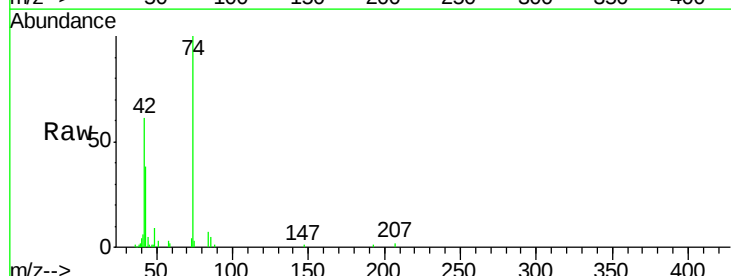
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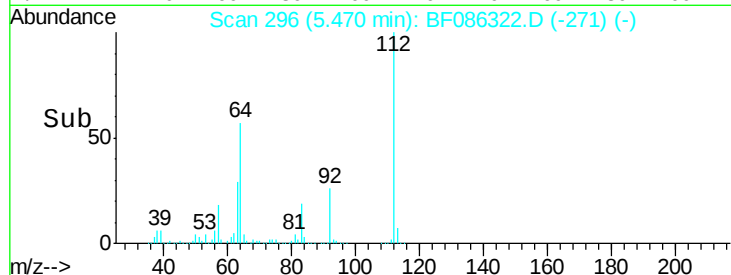
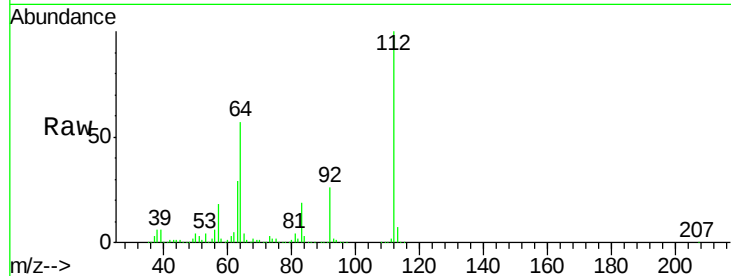
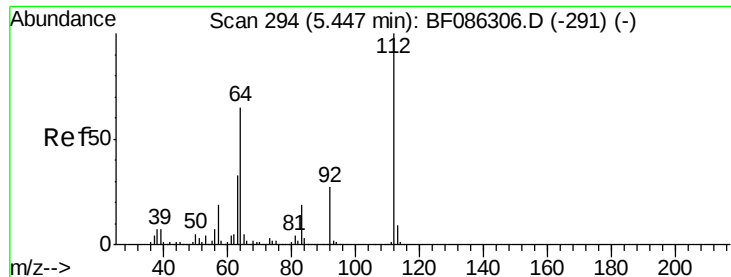
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#4
 n-Nitrosodimethylamine
 Concen: 16.78 ng
 RT: 3.21 min Scan# 98
 Delta R.T. 0.01 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	122247		
74	74	163.3		100.5	150.7#
44	44	8.4		5.4	8.0#





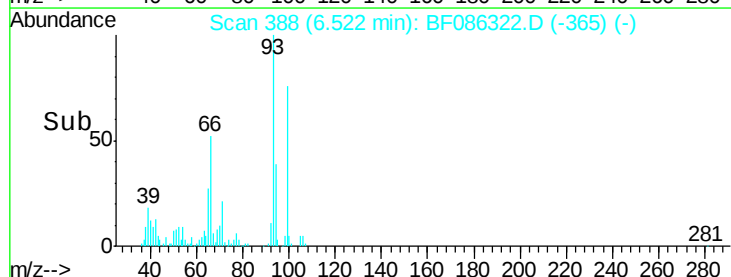
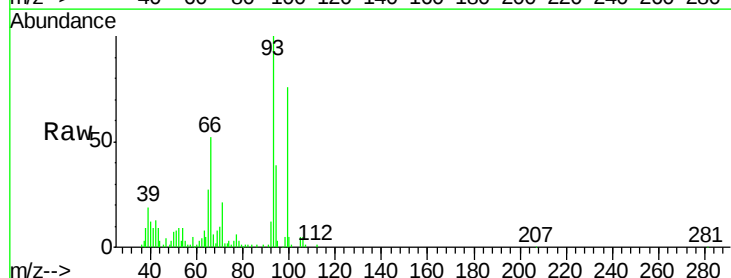
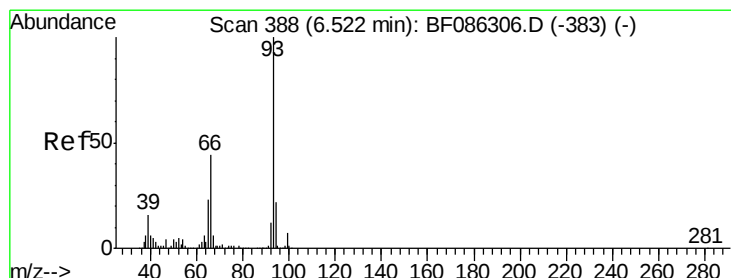
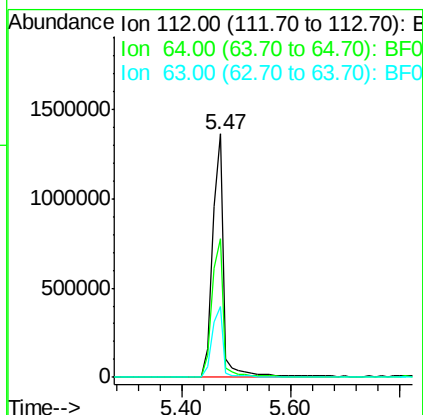
#5
2-Fluorophenol
Concen: 128.55 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tot Ion	Ratio	Lower	Upper
112	100		
64	56.7	48.1	72.1
63	29.2	25.5	38.3

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

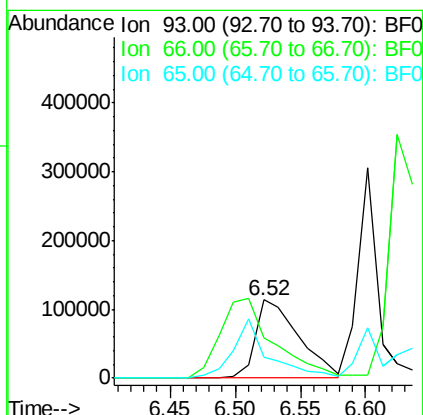
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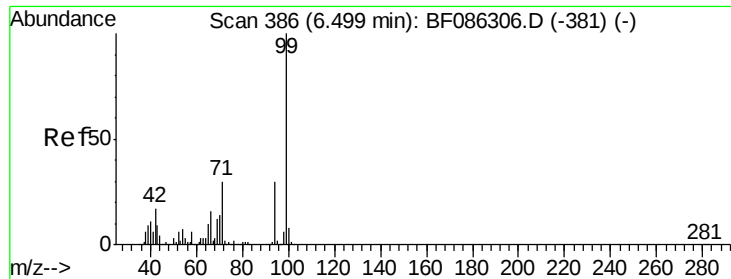
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#6
Aniline
Concen: 9.88 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Lower	Upper
93	100		
66	52.2	32.2	48.2#
65	27.5	16.4	24.6#





#7

Phenol-d6

Concen: 124.72 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

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ClientSampleId :

LOQ-WATER2016-02

Tot Ion: 99 Resp: 2488907

Ion Ratio Lower Upper

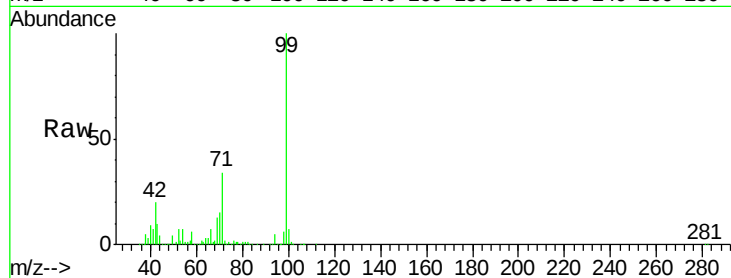
99 100

42 20.4 15.4 23.2

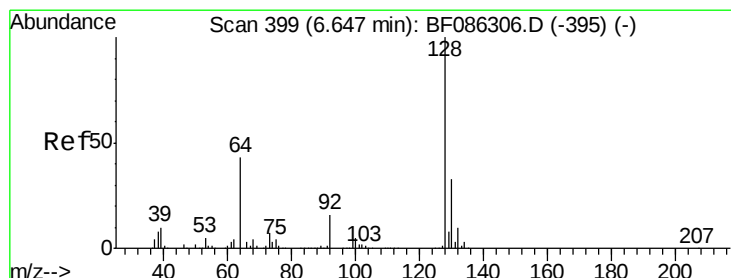
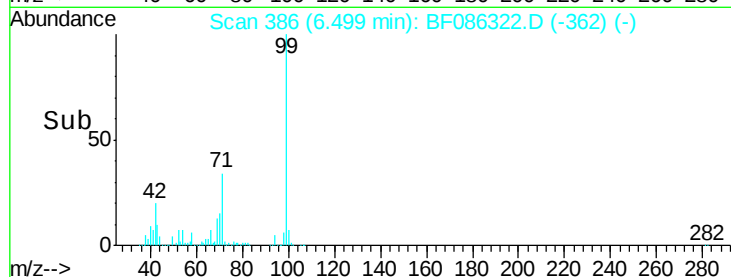
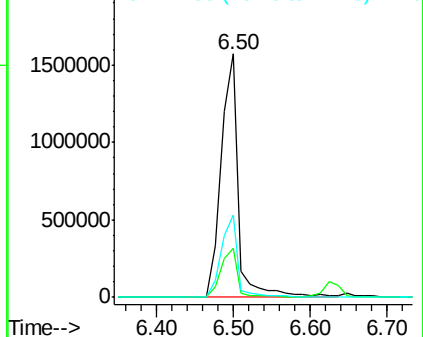
71 33.8 25.6 38.4

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 18.34 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

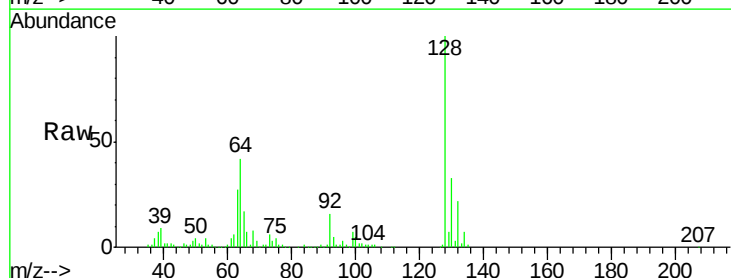
Tgt Ion: 128 Resp: 332280

Ion Ratio Lower Upper

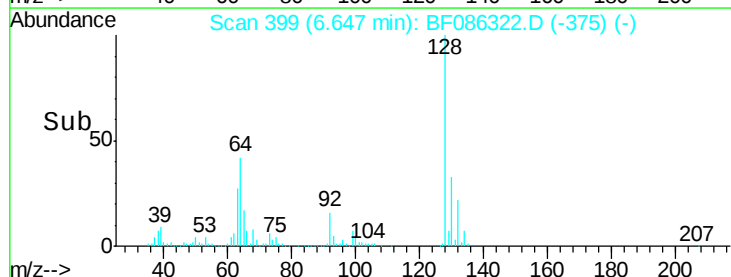
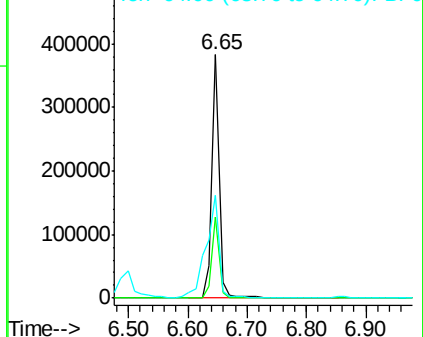
128 100

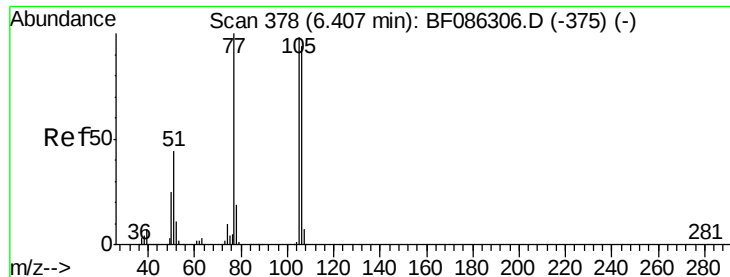
130 33.2 11.8 51.8

64 42.3 39.5 79.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.52 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

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Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

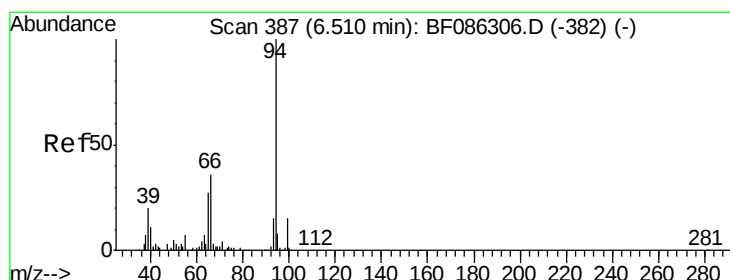
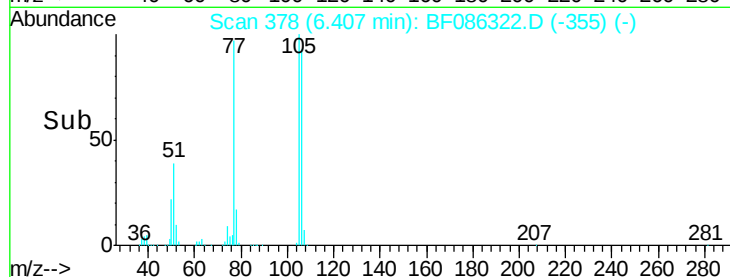
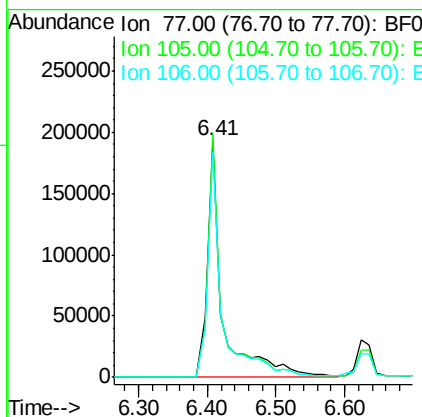
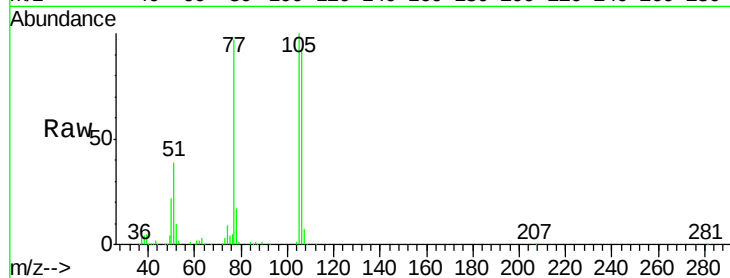
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	103.1	84.6	124.6		
106	95.5	78.6	118.6		

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#10

Phenol

Concen: 17.28 ng

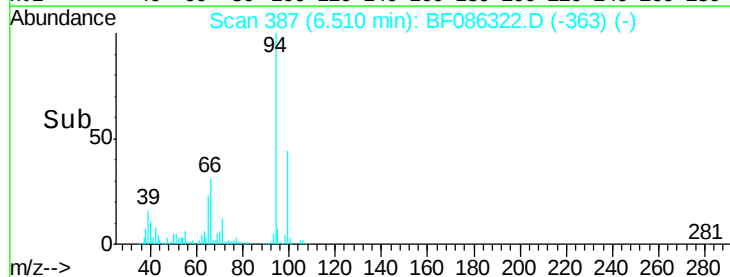
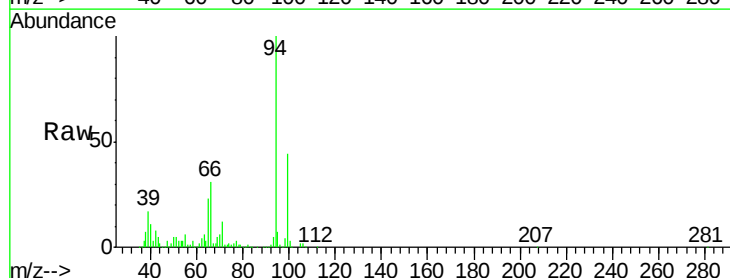
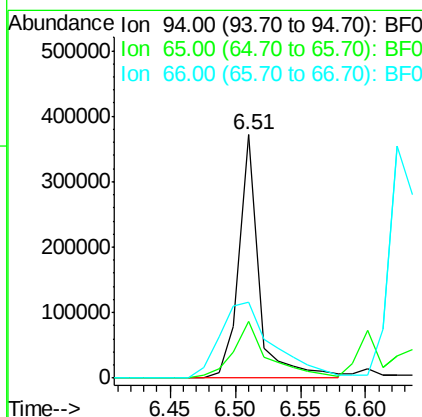
RT: 6.51 min Scan# 387

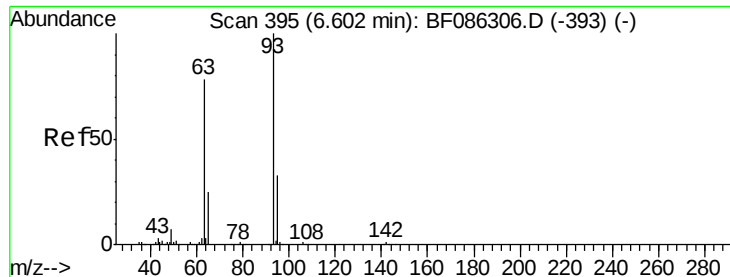
Delta R.T. -0.02 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	23.2	7.9	47.9		
66	31.3	16.5	56.5		





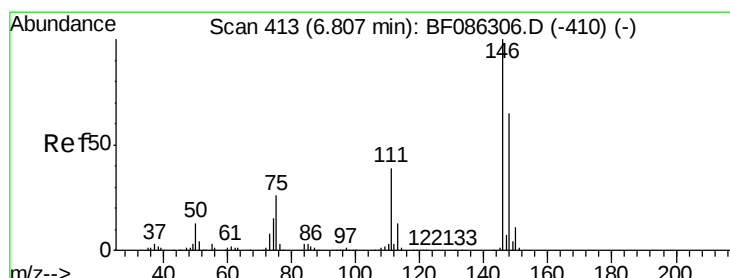
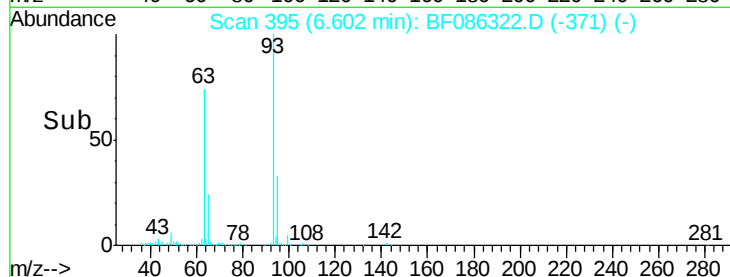
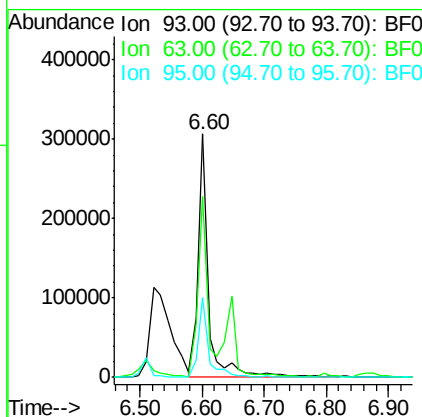
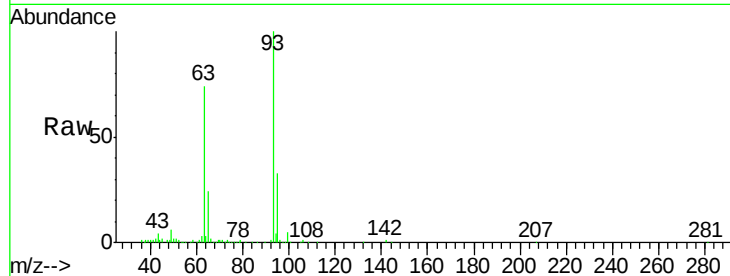
#11
bis(2-Chloroethyl)ether
Concen: 17.62 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
93	100	351905		
63	74.1		44.4	84.4
95	32.7		13.1	53.1

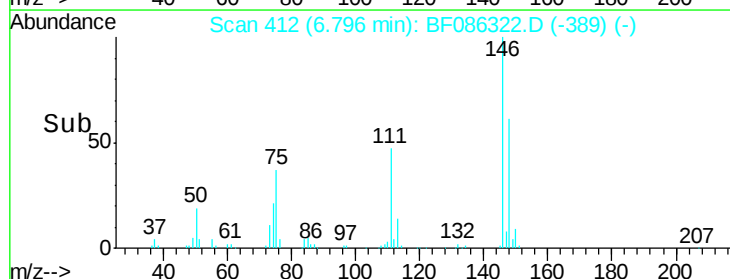
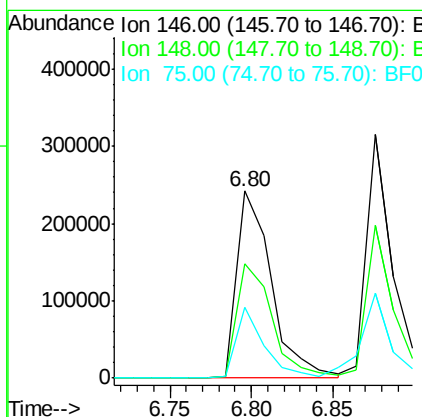
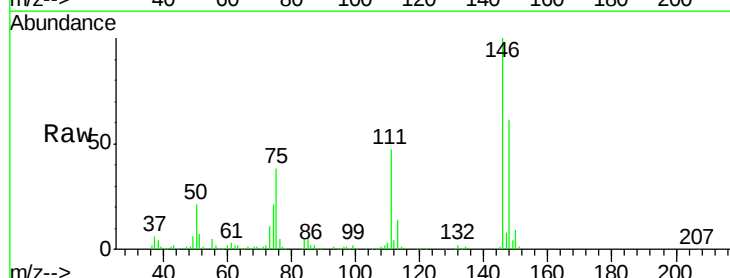
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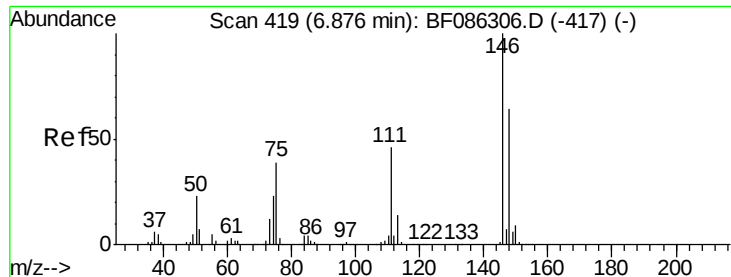
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#12
1,3-Dichlorobenzene
Concen: 17.82 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	354168		
148	61.1		51.0	76.4
75	37.7		29.9	44.9





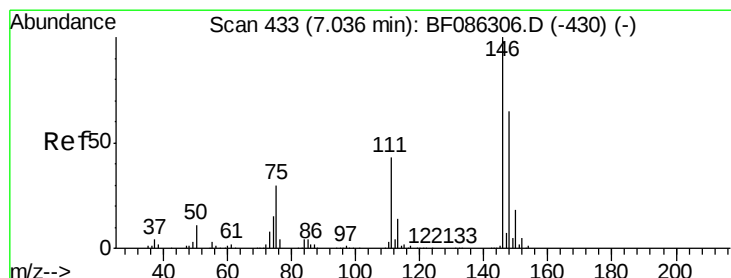
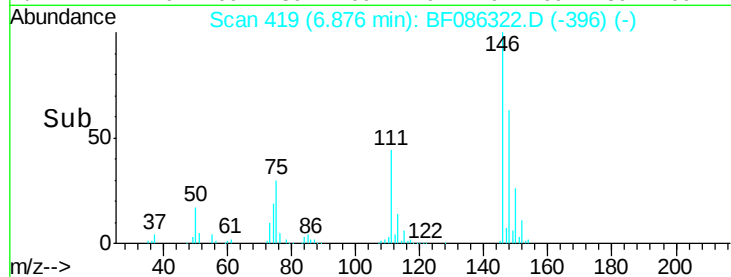
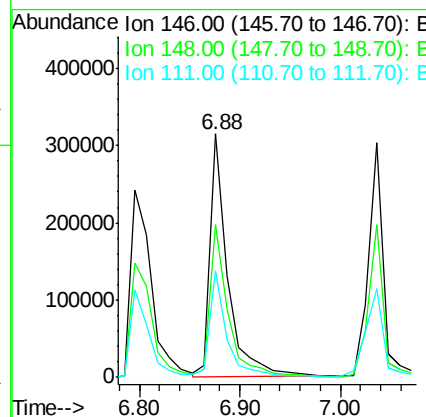
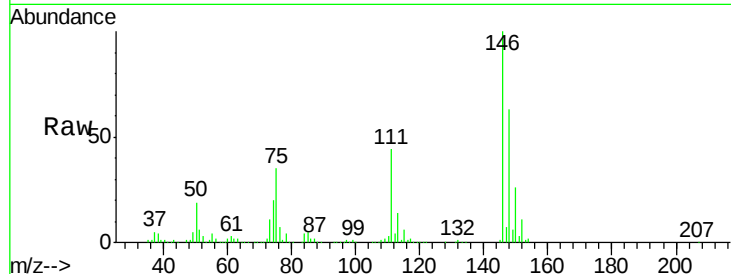
#13
1,4-Dichlorobenzene
Concen: 18.12 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.8	77.6
111	43.6	34.9	52.3

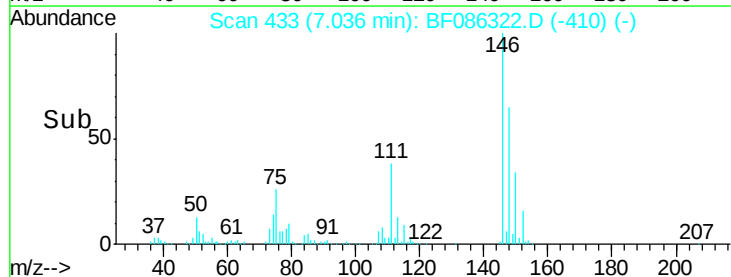
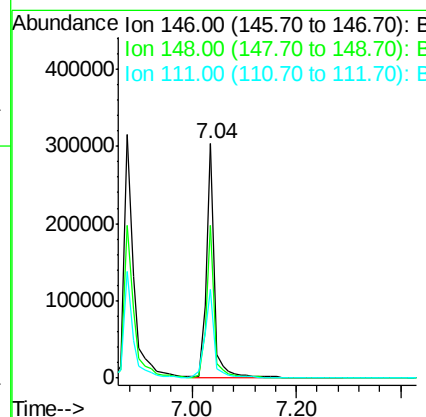
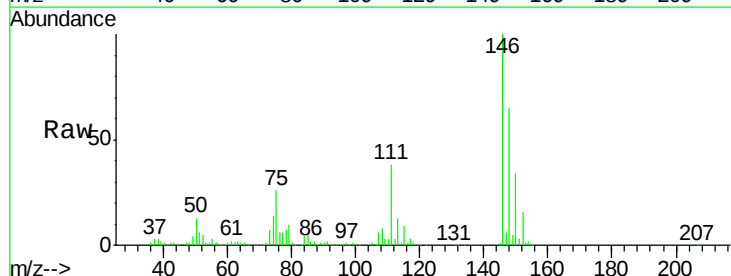
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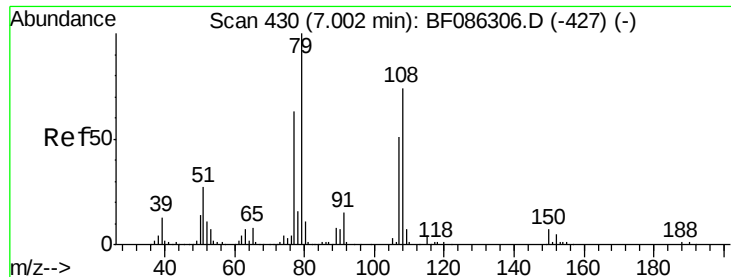
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#14
1,2-Dichlorobenzene
Concen: 17.42 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	37.6	31.0	46.4





#15

Benzyl Alcohol

Concen: 20.10 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

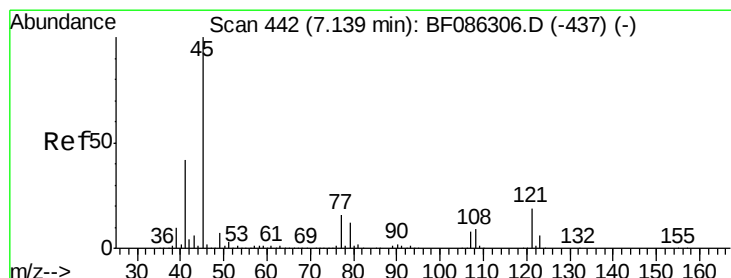
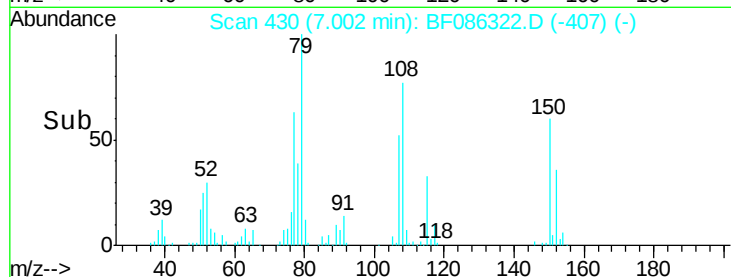
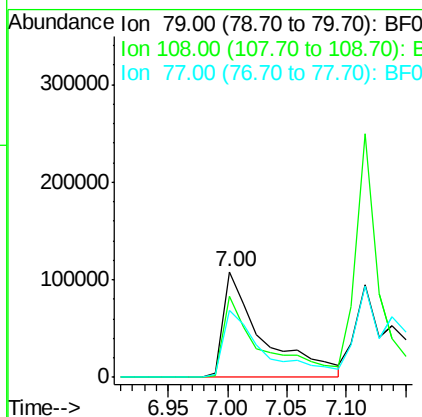
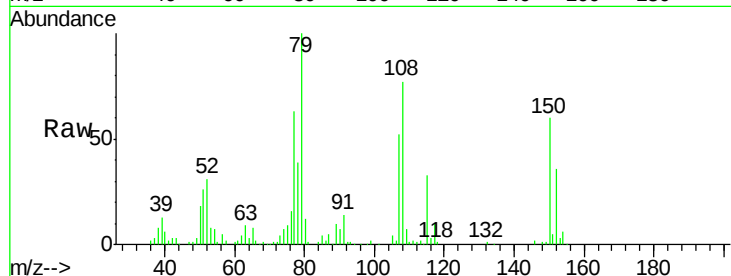
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	79	Resp:	249276
Ion Ratio	Lower	Upper	
79	100		
108	77.2	64.8	97.2
77	63.1	51.9	77.9

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 17.12 ng

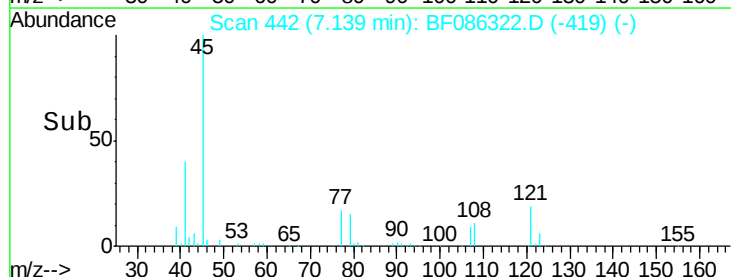
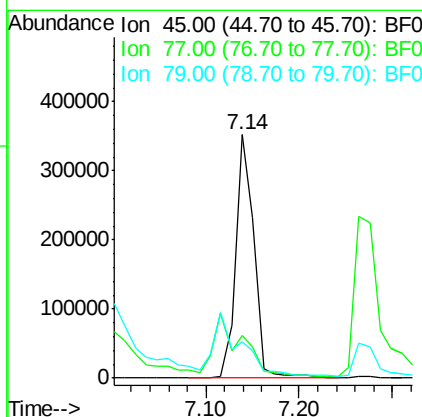
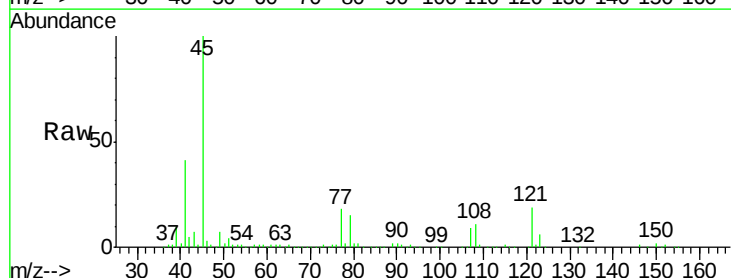
RT: 7.14 min Scan# 442

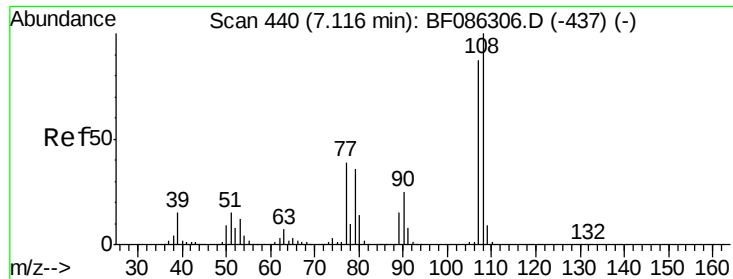
Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Tgt Ion:	45	Resp:	481196
Ion Ratio	Lower	Upper	
45	100		
77	17.7	0.0	33.7
79	15.0	0.0	30.1





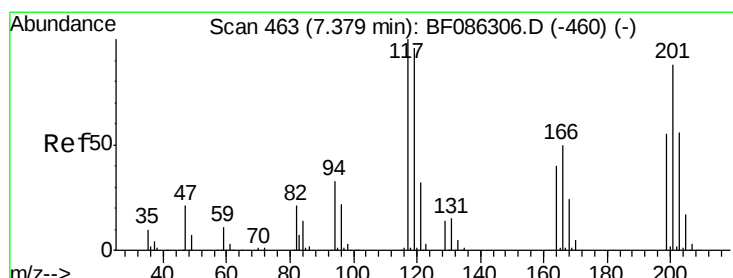
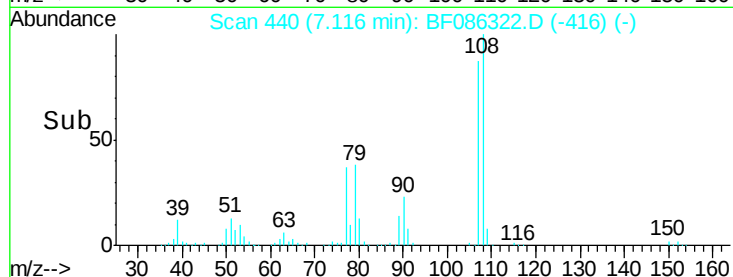
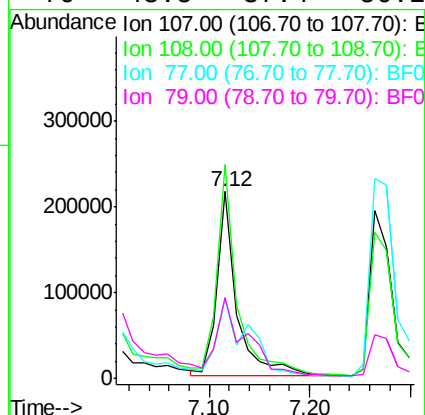
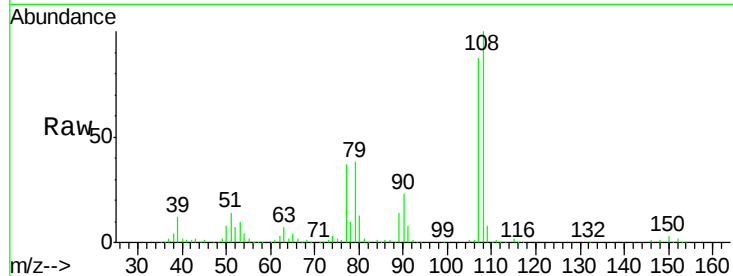
#17
2-Methylphenol
Concen: 19.53 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		295701		
108	114.7	92.7	139.1		
77	42.8	39.6	59.4		
79	43.5	37.4	56.2		

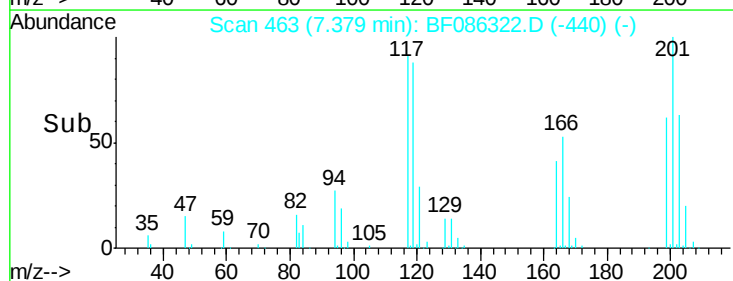
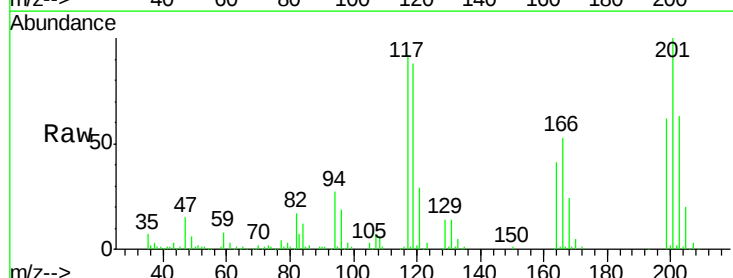
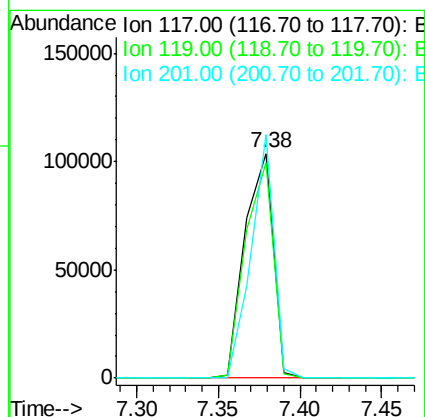
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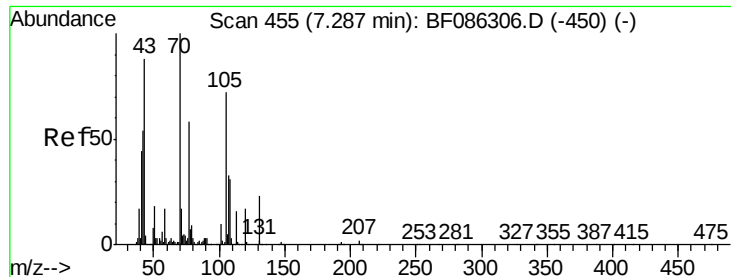
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#18
Hexachloroethane
Concen: 19.74 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		124949		
119	95.7	78.2	117.4		
201	108.4	75.7	113.5		





#19

n-Nitroso-di-n-propylamine

Concen: 20.25 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

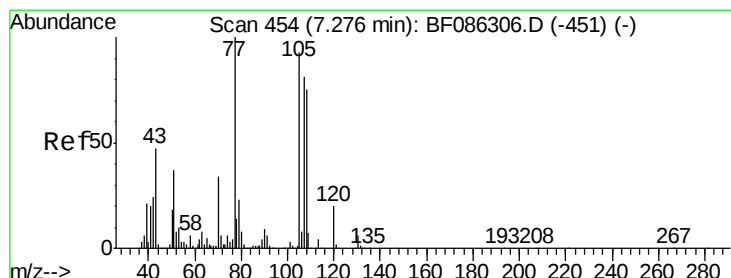
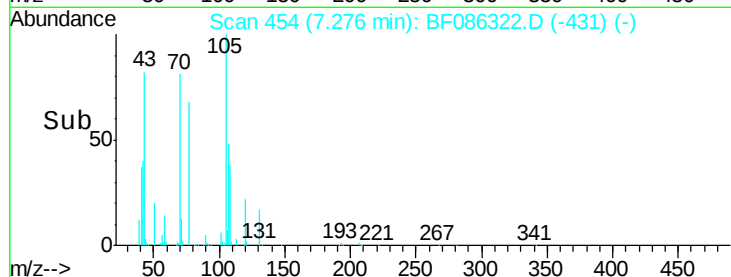
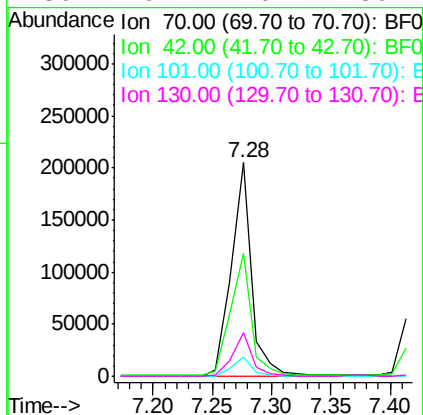
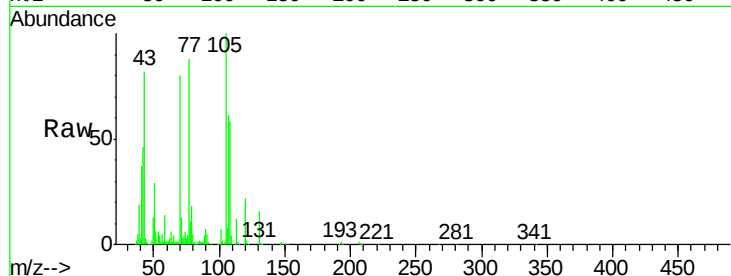
ClientSampleId :

LOQ-WATER2016-02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		244729		
42	57.6		43.0	64.4	
101	9.1		8.1	12.1	
130	20.4		20.1	30.1	

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#20

3+4-Methylphenols

Concen: 20.86 ng

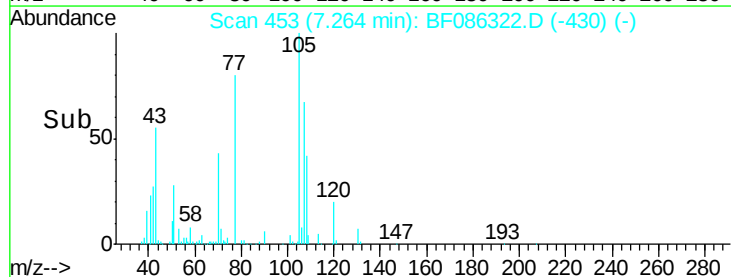
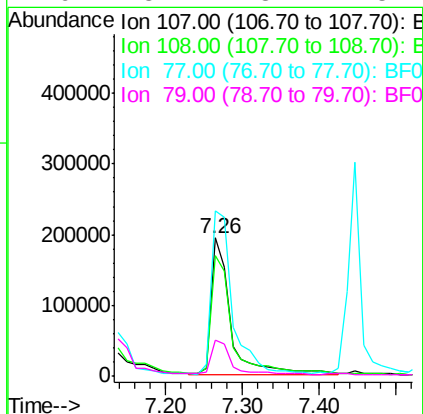
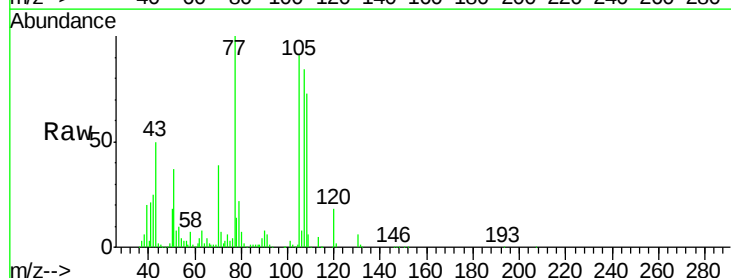
RT: 7.26 min Scan# 453

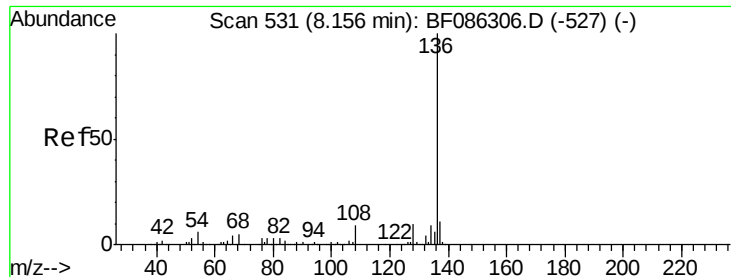
Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		342518		
108	86.9		69.7	109.7	
77	119.4		60.5	100.5#	
79	25.7		8.1	48.1	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tot Ion:136 Resp: 1095751

Ion Ratio Lower Upper

136 100

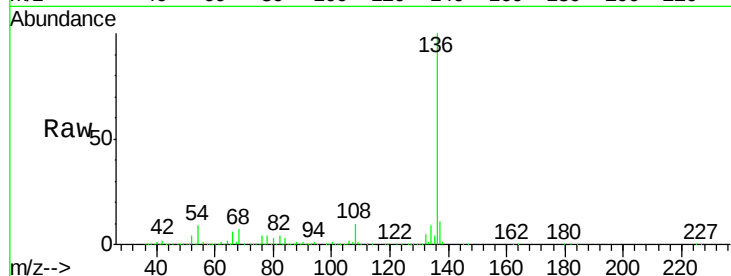
137 11.0 9.1 13.7

54 9.0 7.3 10.9

68 7.2 5.7 8.5

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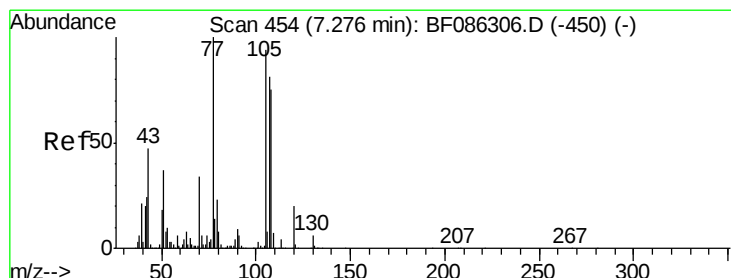
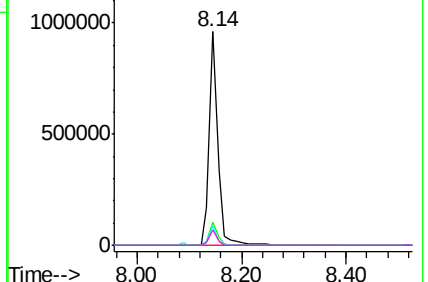
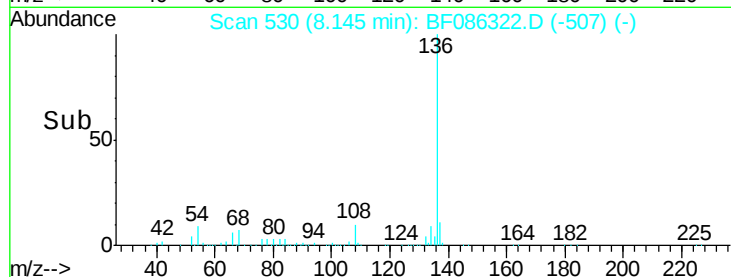


Abundance Ion 136.00 (135.70 to 136.70): E

1500000 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: 20.81 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Tgt Ion:105 Resp: 479003

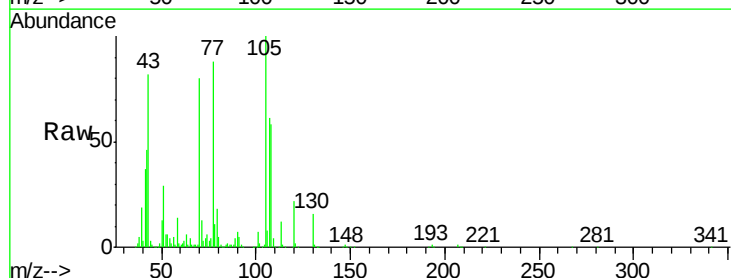
Ion Ratio Lower Upper

105 100

71 13.5 4.0 6.0#

51 28.8 22.0 33.0

120 21.7 17.5 26.3

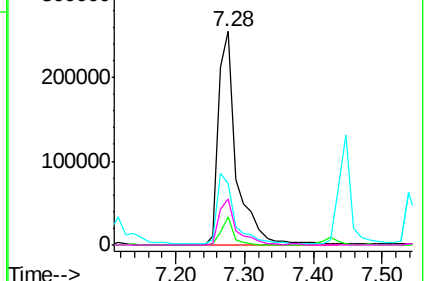
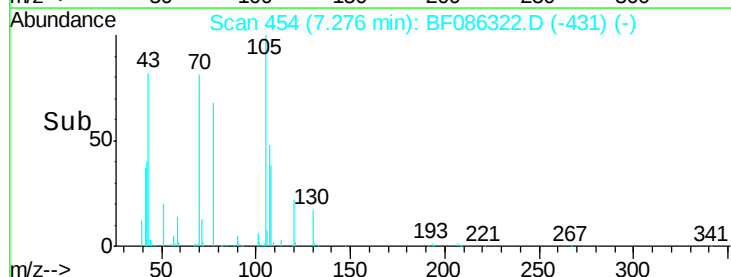


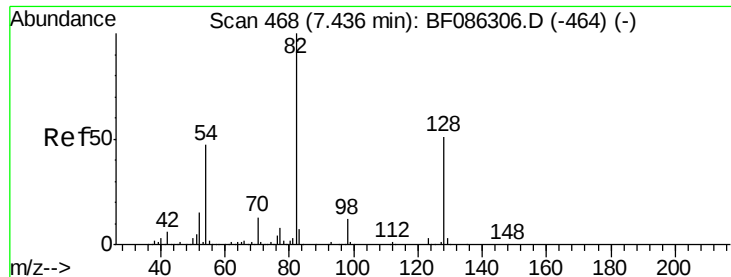
Abundance Ion 105.00 (104.70 to 105.70): E

400000 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





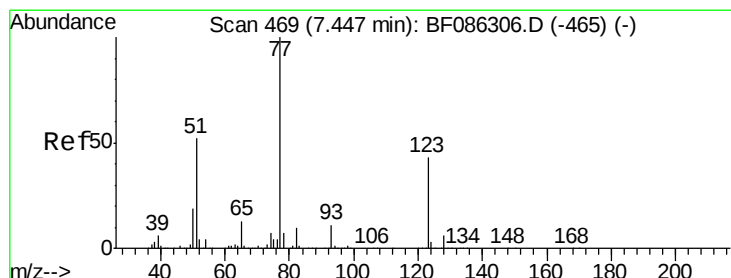
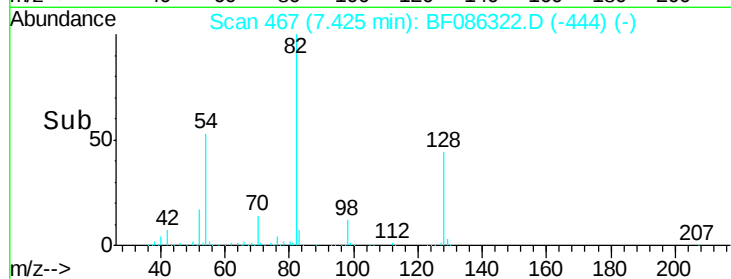
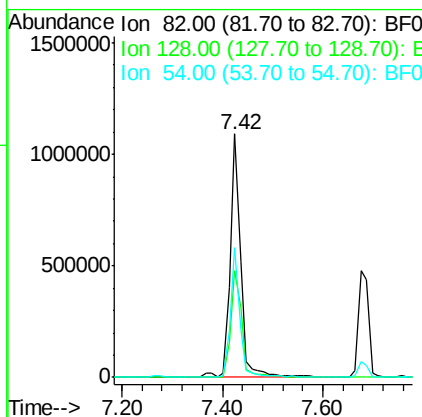
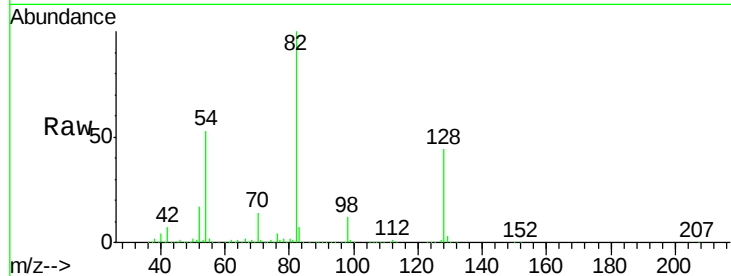
#23
 Nitrobenzene-d5
 Concen: 83.22 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion	82	Resp	1592211
Ion Ratio	100	Lower	Upper
82	100		
128	44.1	35.4	53.2
54	53.2	43.4	65.0

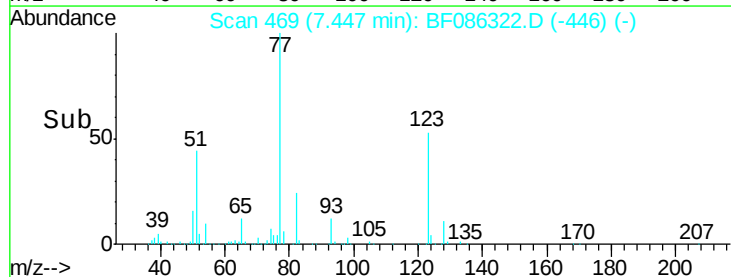
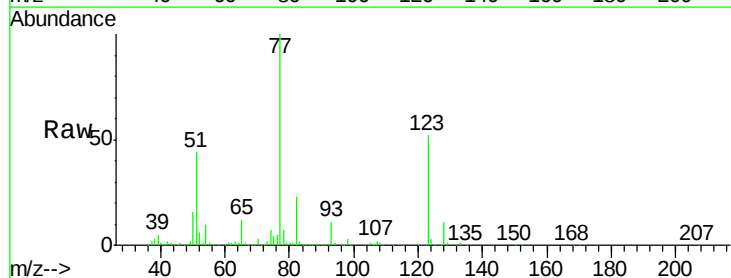
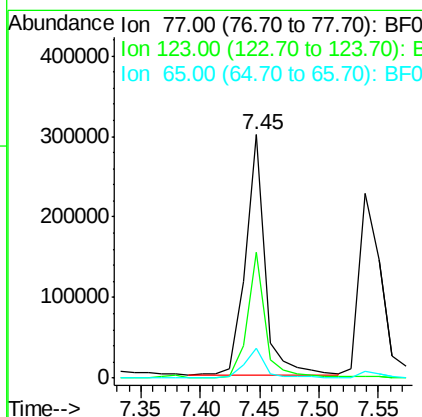
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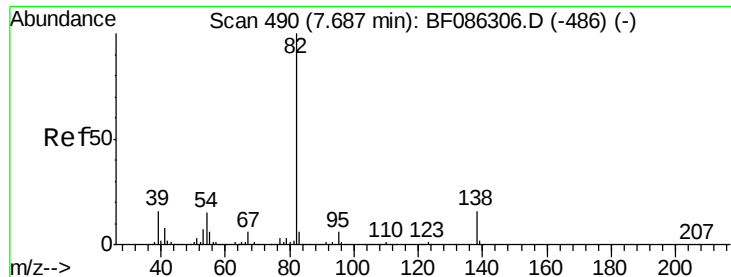
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#24
 Nitrobenzene
 Concen: 16.96 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion	77	Resp	347084
Ion Ratio	100	Lower	Upper
77	100		
123	51.7	38.3	57.5
65	12.2	11.3	16.9





#25

Isophorone

Concen: 18.21 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.05 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

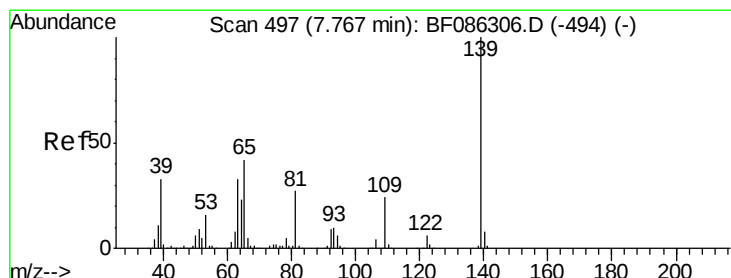
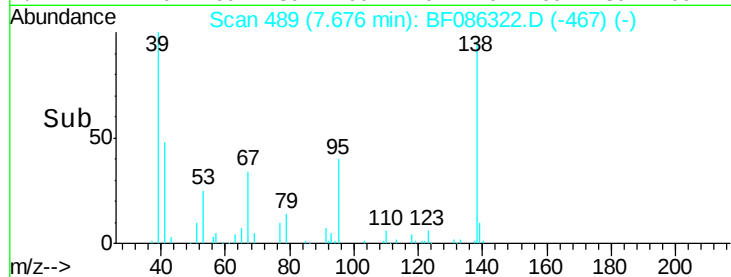
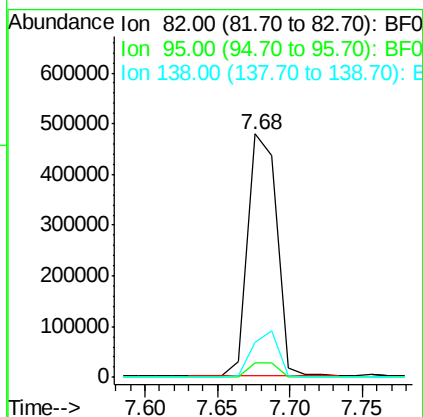
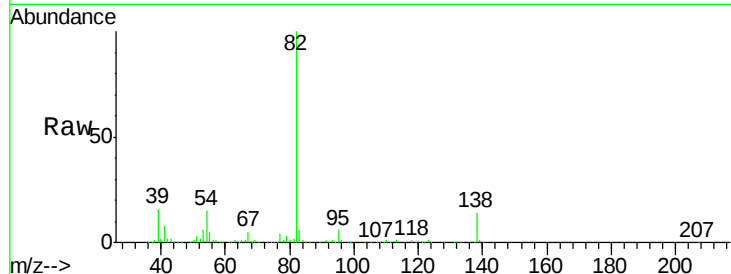
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	82	Resp:	660249
Ion Ratio	Lower	Upper	
82	100		
95	5.9	5.4	8.2
138	14.2	13.4	20.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 18.93 ng

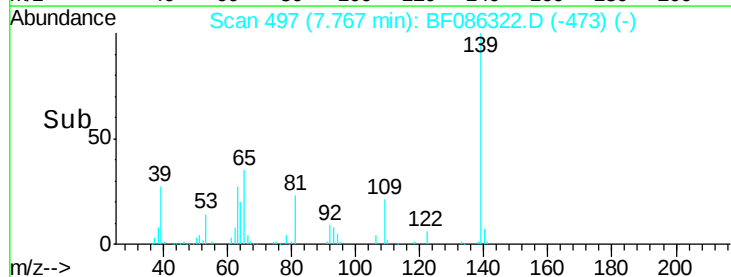
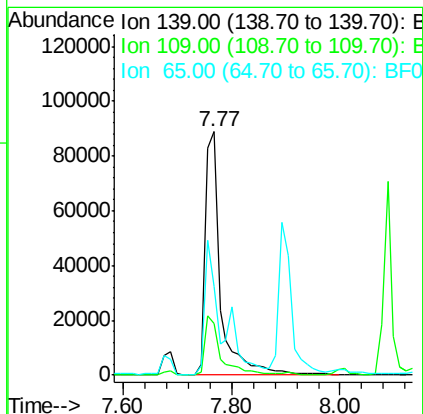
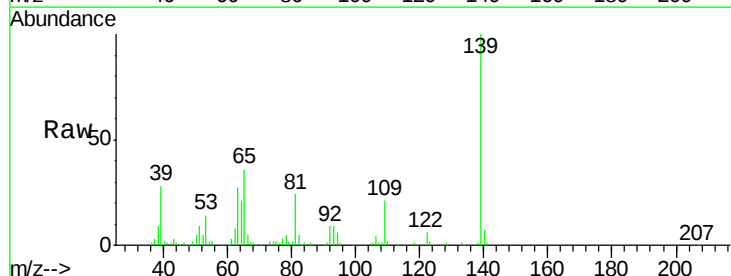
RT: 7.77 min Scan# 497

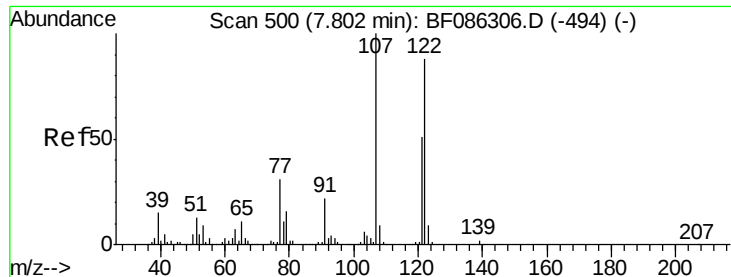
Delta R.T. -0.02 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Tgt Ion:	139	Resp:	173281
Ion Ratio	Lower	Upper	
139	100		
109	21.2	25.8	38.8#
65	36.4	50.2	75.2#





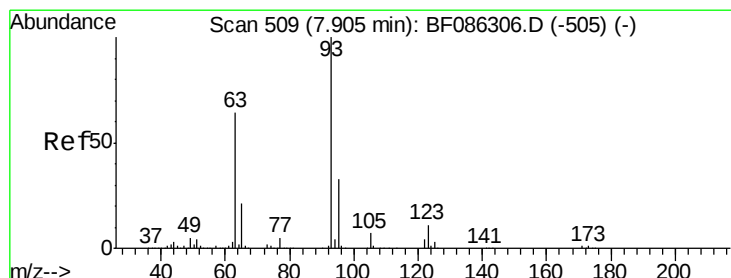
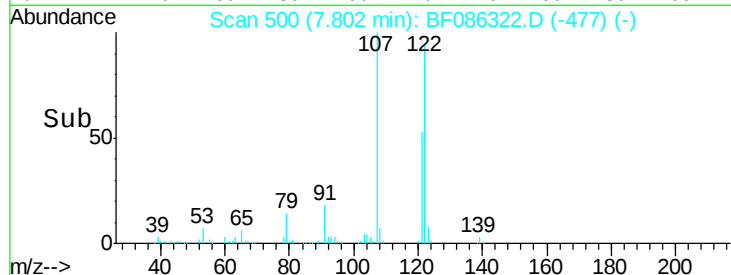
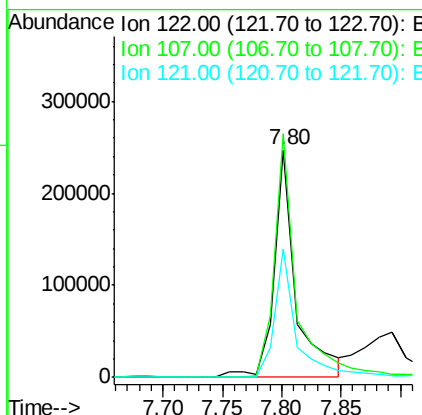
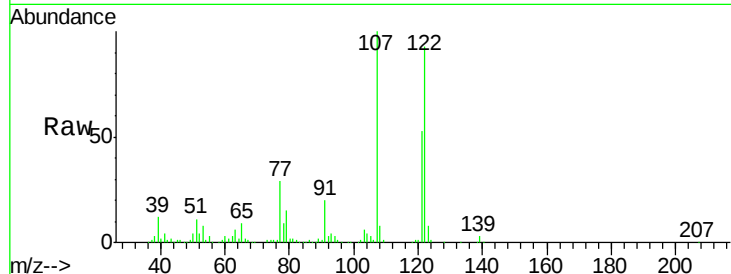
#27
 2,4-Dimethylphenol
 Concen: 17.67 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
122	100	317211		
107	107.1	85.8	128.6	
121	56.4	47.1	70.7	

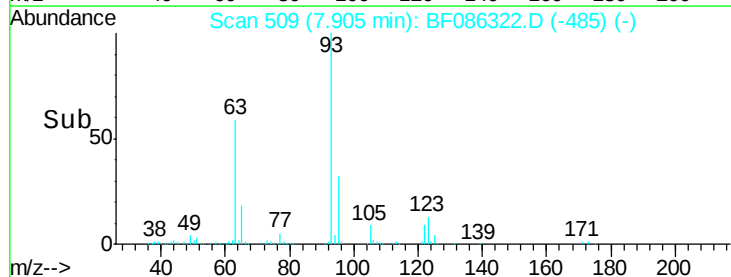
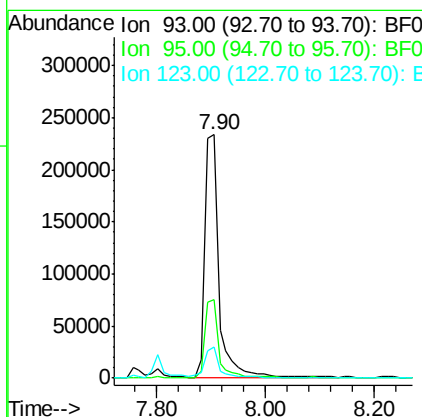
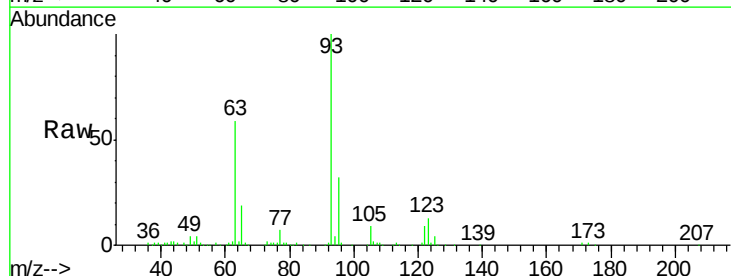
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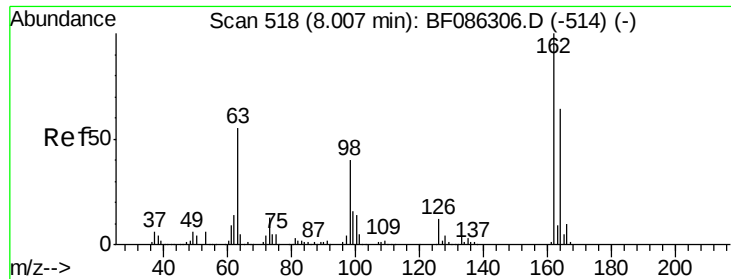
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#28
 bis(2-Chloroethoxy)methane
 Concen: 19.66 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	416880		
95	32.2	25.8	38.8	
123	12.9	8.9	13.3	





#29

2,4-Dichlorophenol

Concen: 19.83 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

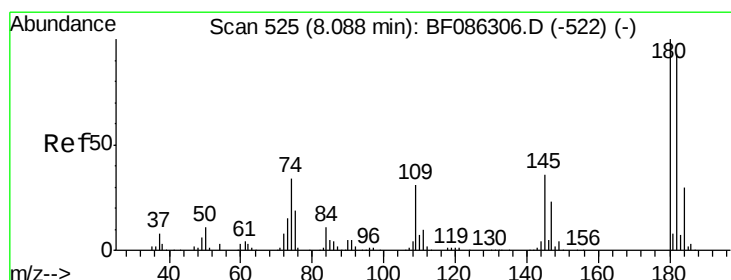
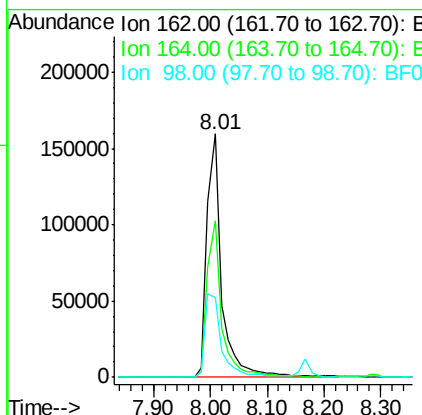
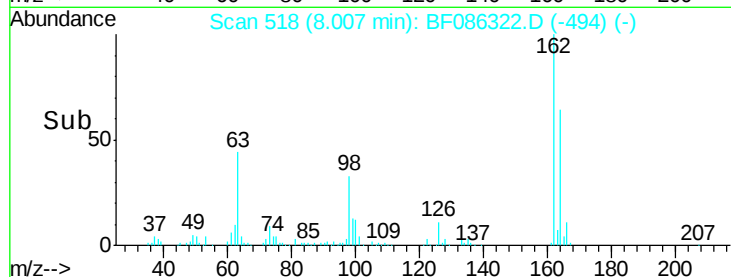
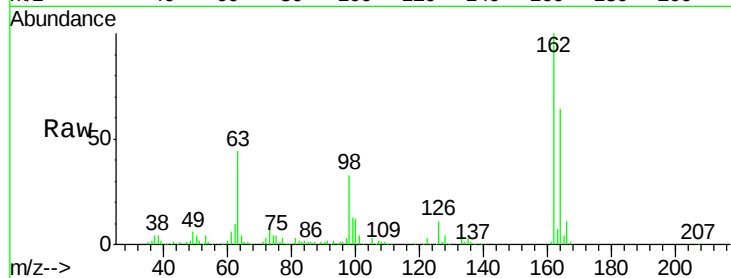
ClientSampleId :

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Tot Ion:	162	Resp:	280828
Ion Ratio	Lower	Upper	
162	100		
164	64.5	43.3	83.3
98	33.0	22.9	62.9

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#30

1,2,4-Trichlorobenzene

Concen: 19.25 ng

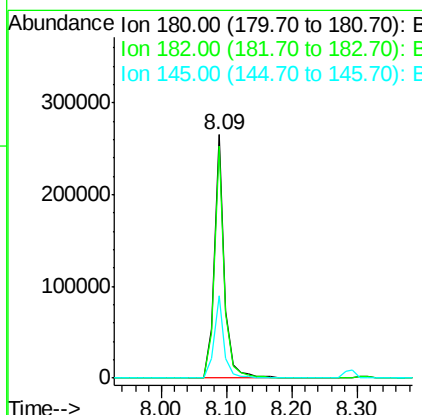
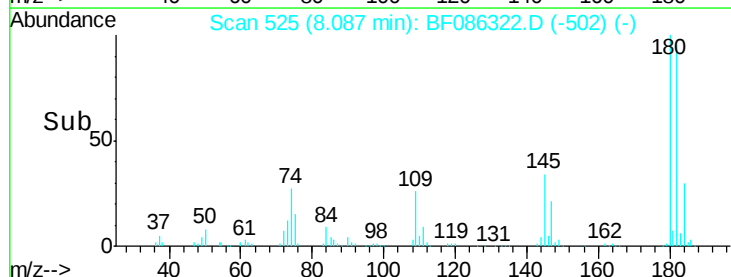
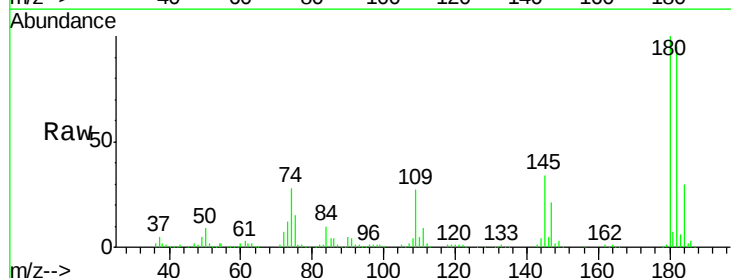
RT: 8.09 min Scan# 525

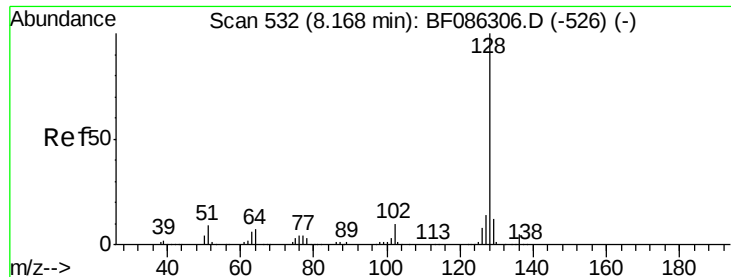
Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Tgt Ion:	180	Resp:	294117
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.3	114.5
145	33.9	27.4	41.2





#31

Naphthalene

Concen: 20.15 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tot Ion:128 Resp: 1052380

Ion Ratio Lower Upper

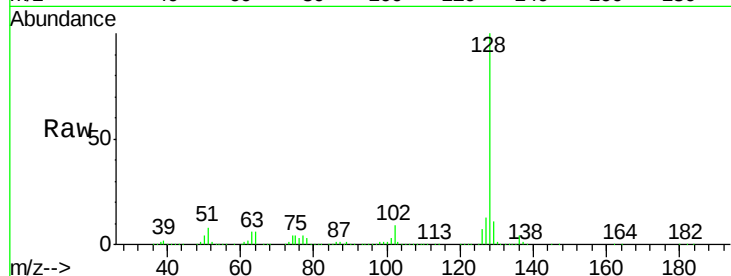
128 100

129 11.1 9.6 14.4

127 13.3 11.4 17.2

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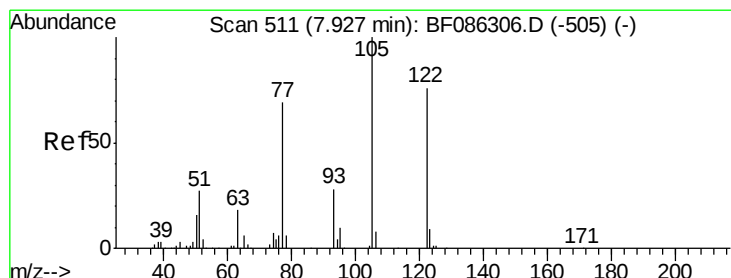
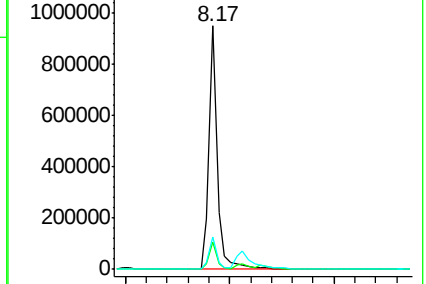
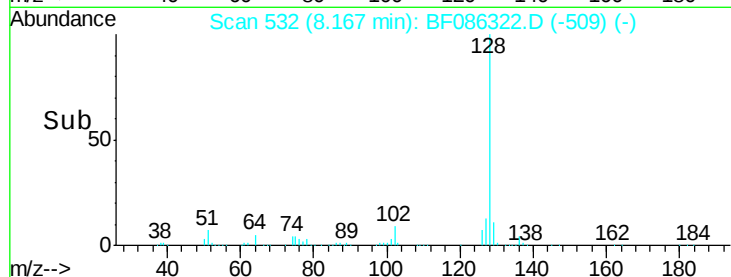
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.63 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.05 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

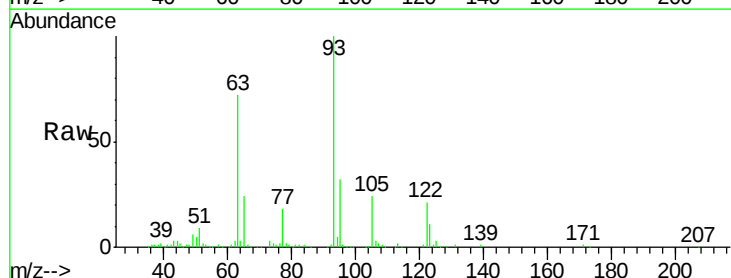
Tgt Ion:122 Resp: 156164

Ion Ratio Lower Upper

122 100

105 111.6 103.7 143.7

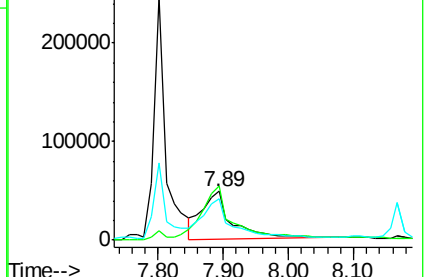
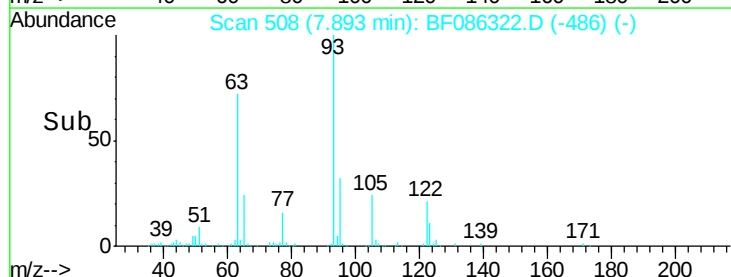
77 85.2 74.9 114.9

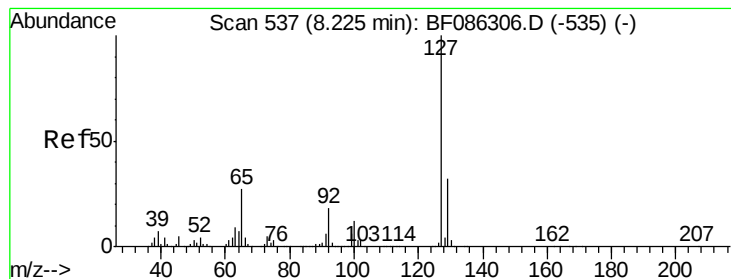


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 7.61 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.02 min

Lab File: BF086322.D

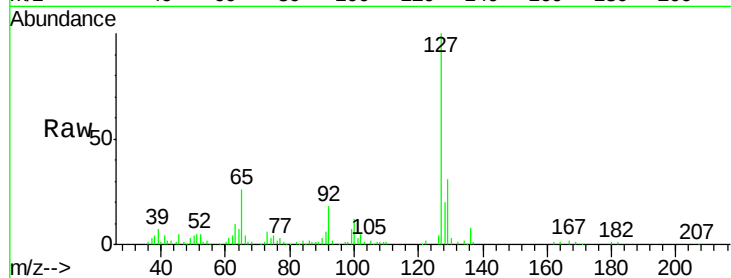
Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

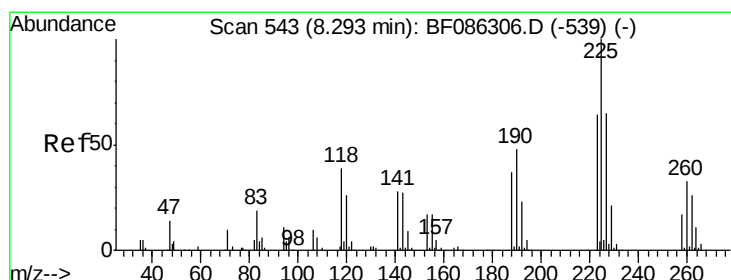
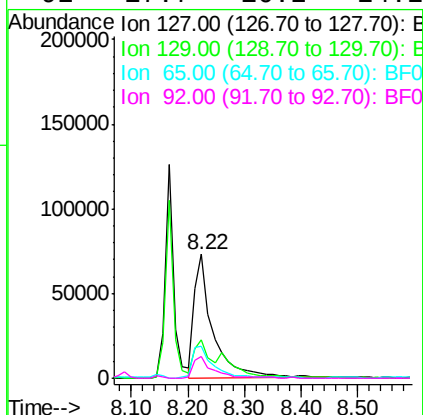
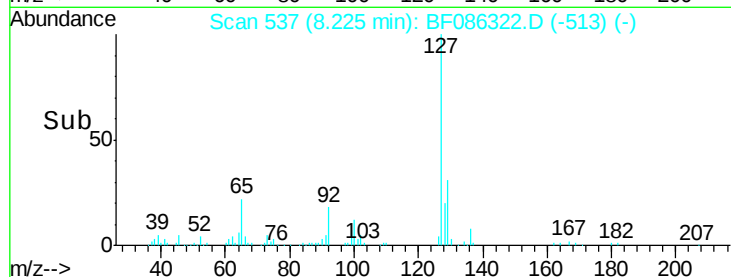
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Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	26.8	40.2	
65	25.8	27.1	40.7	
92	17.7	16.2	24.2	

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#34

Hexachlorobutadiene

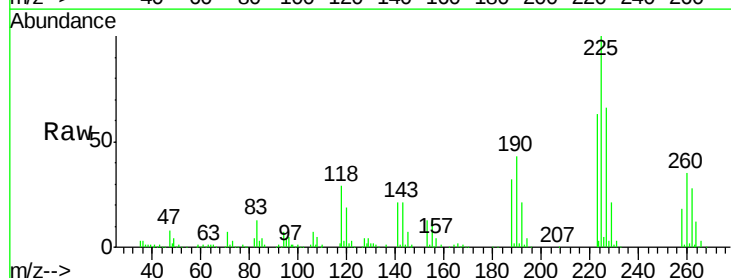
Concen: 18.56 ng

RT: 8.29 min Scan# 543

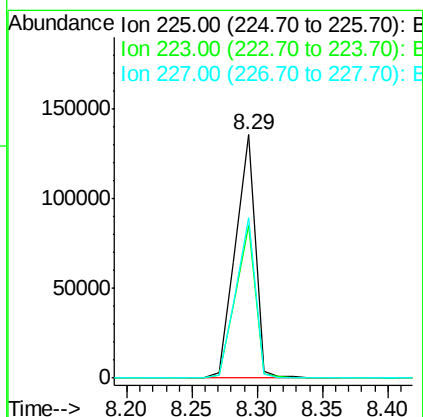
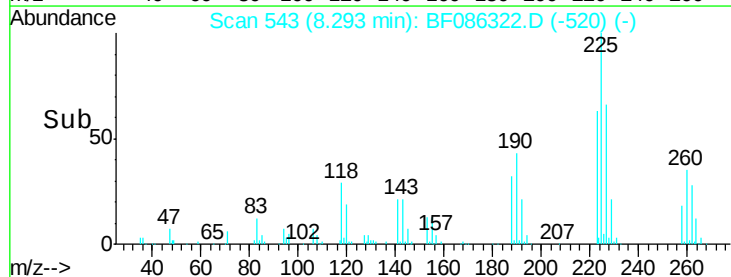
Delta R.T. -0.03 min

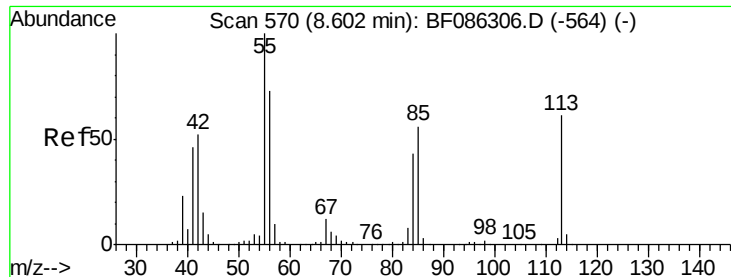
Lab File: BF086322.D

Acq: 20 Apr 2016 21:39



Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	49.4	74.0	
227	66.0	51.1	76.7	





#35

Caprolactam

Concen: 18.58 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.06 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

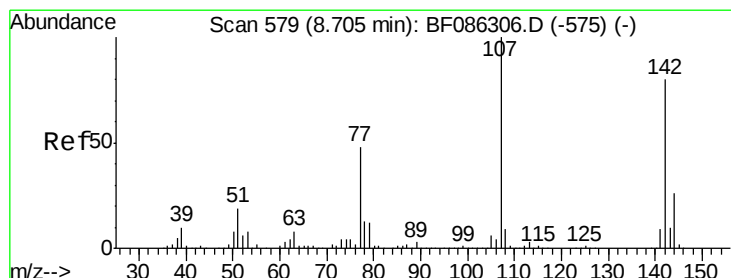
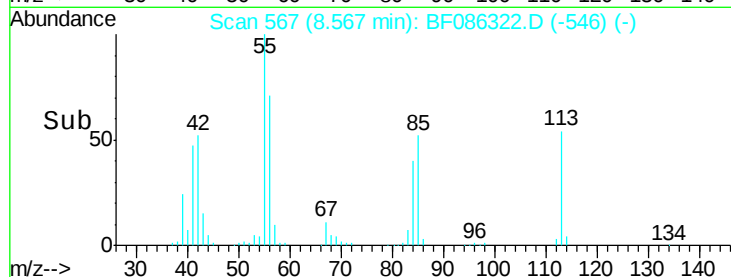
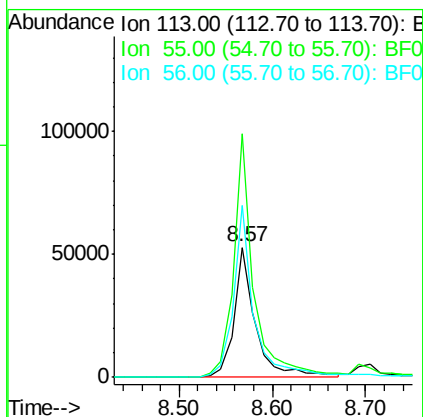
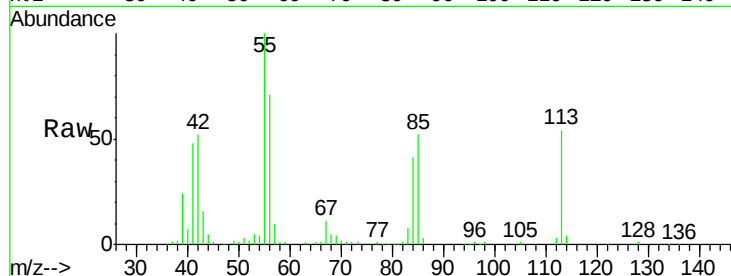
ClientSampleID :

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Tot Ion	Ratio	Lower	Upper
113	100		
55	186.9	117.5	157.5#
56	131.8	82.5	122.5#

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#36

4-Chloro-3-methylphenol

Concen: 19.38 ng

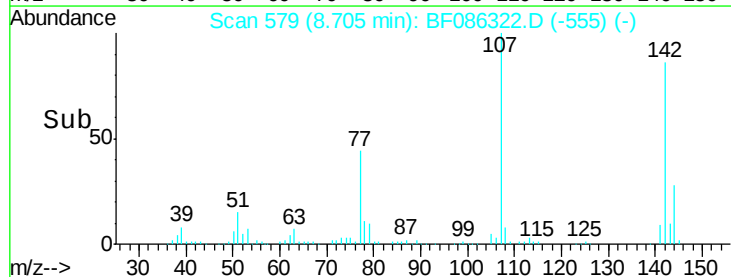
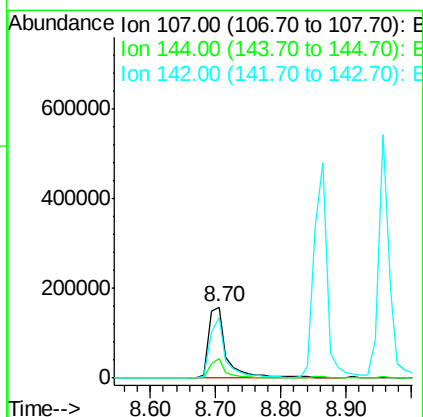
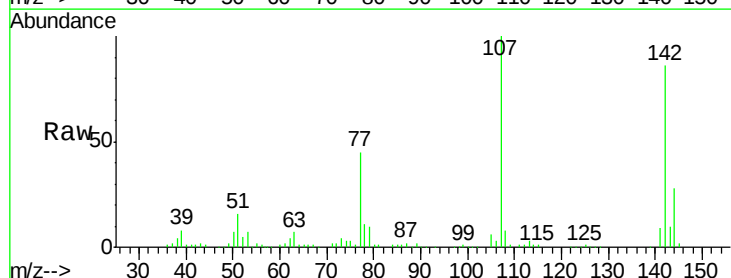
RT: 8.70 min Scan# 579

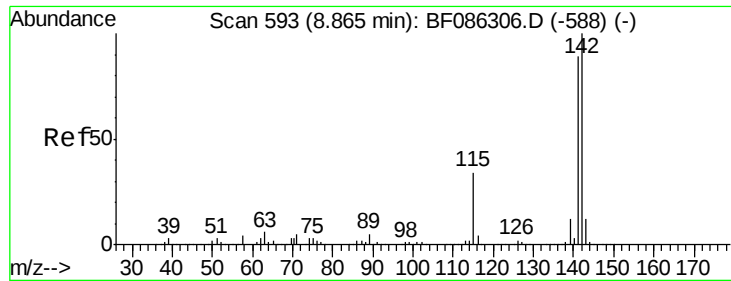
Delta R.T. -0.02 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	20.7	31.1
142	85.6	64.5	96.7





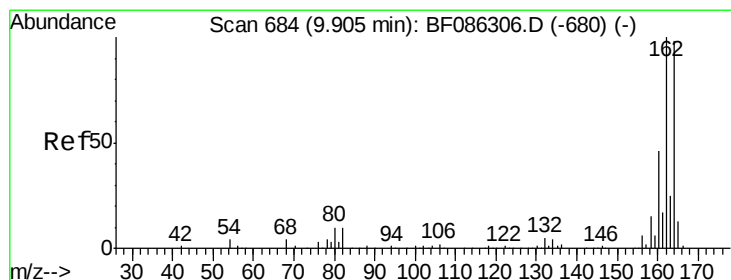
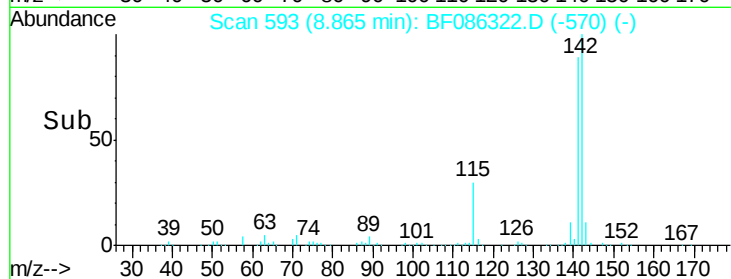
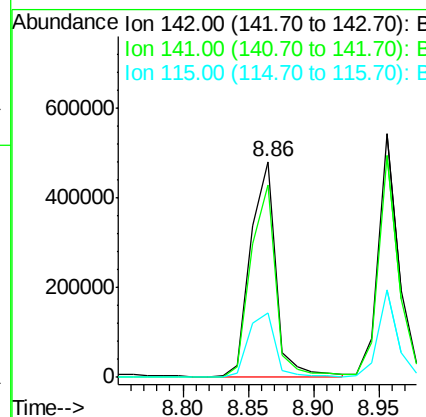
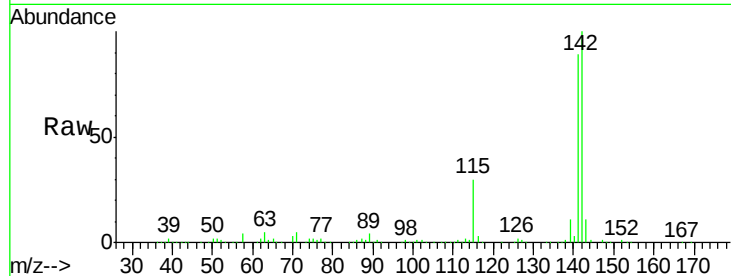
#37
 2-Methylnaphthalene
 Concen: 20.20 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
142	100	651515		
141	89.4	71.1	106.7	
115	29.8	25.1	37.7	

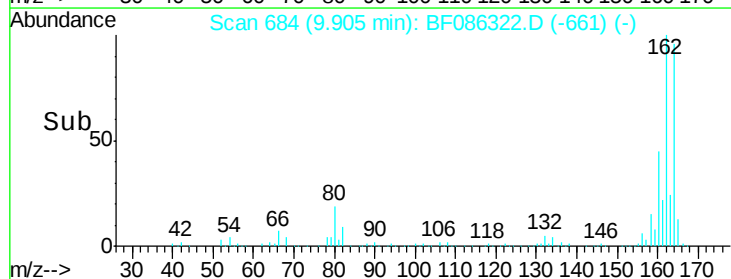
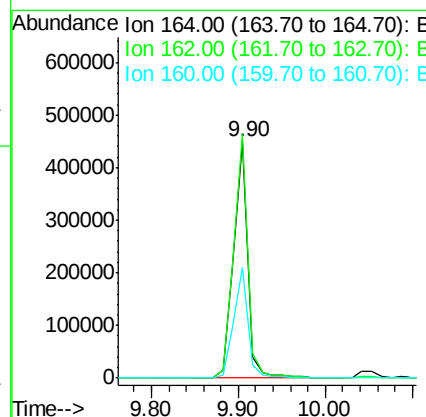
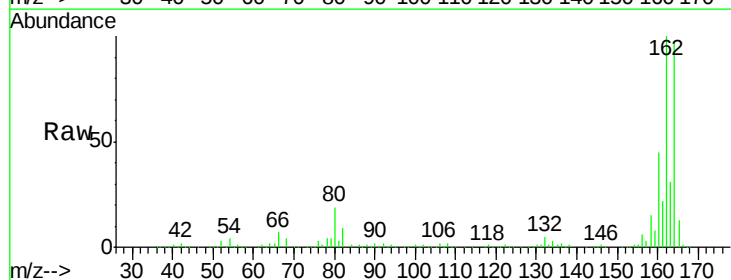
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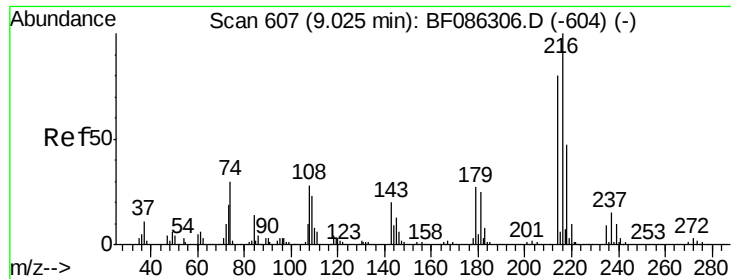
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	507028		
162	103.2	82.8	124.2	
160	46.7	38.9	58.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.09 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

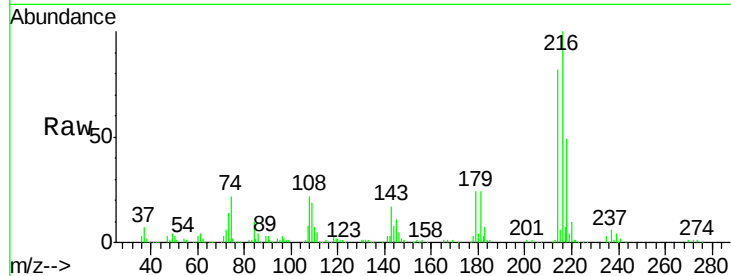
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		257636		
214	80.0		64.9	97.3	
179	23.0		19.8	29.6	
108	22.6		21.0	31.4	

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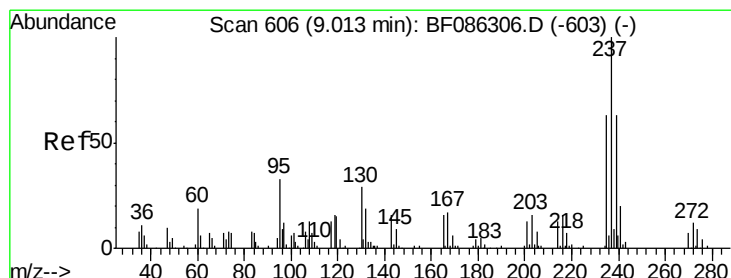
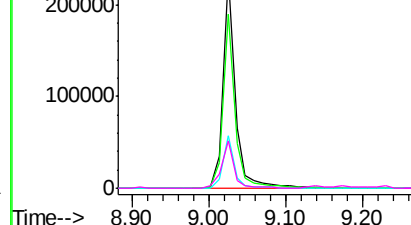
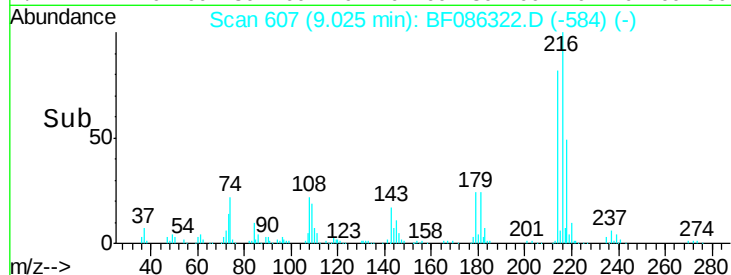


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 26.60 ng

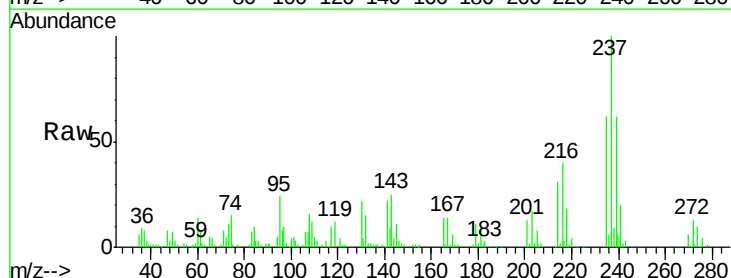
RT: 9.01 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

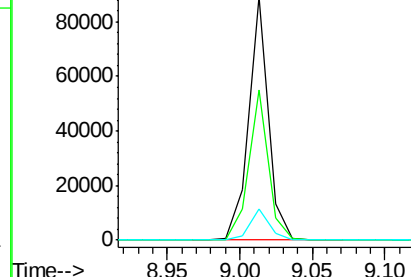
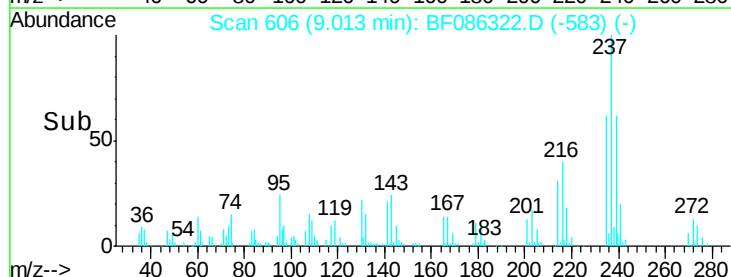
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		83821		
235	61.9		44.0	84.0	
272	12.6		0.0	32.4	

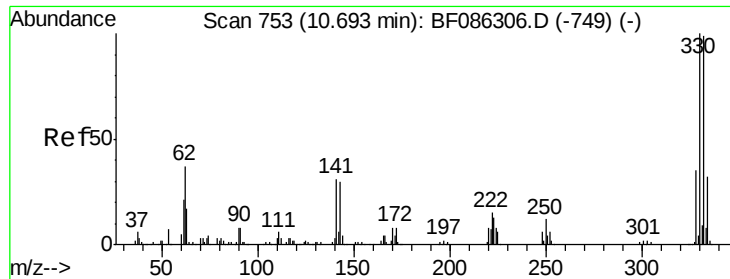


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





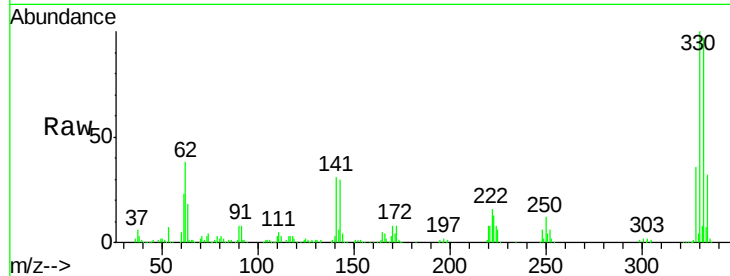
#41
 2,4,6-Tribromophenol
 Concen: 129.78 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

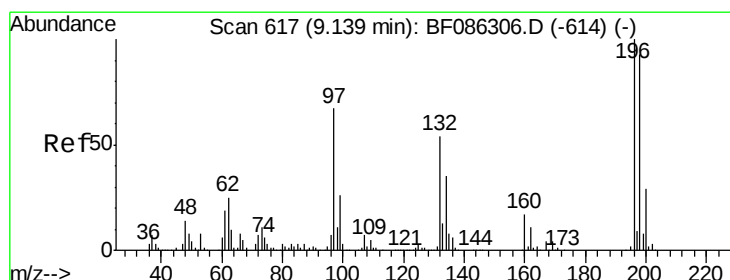
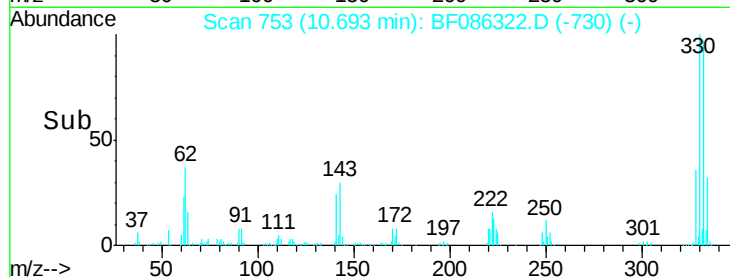
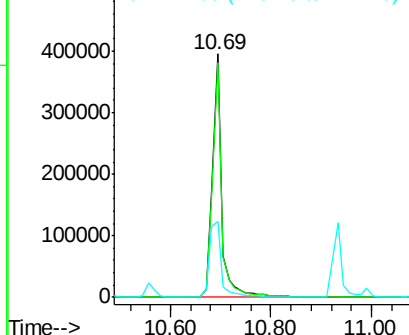
Tot Ion	Ratio	Resp	Lower	Upper
330	100	512896		
332	95.1	78.7	118.1	
141	40.7	28.6	42.8	

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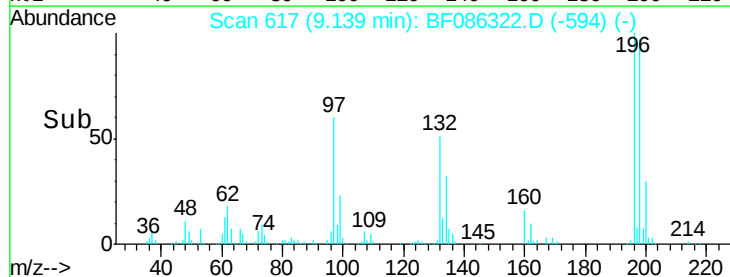
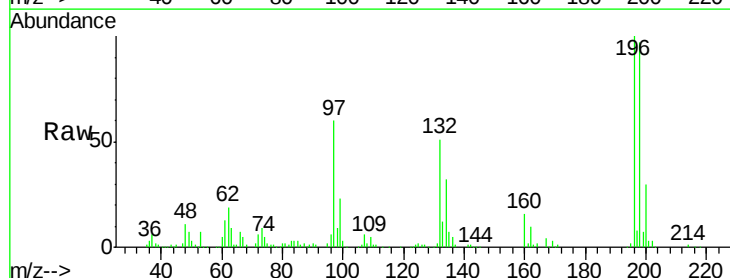
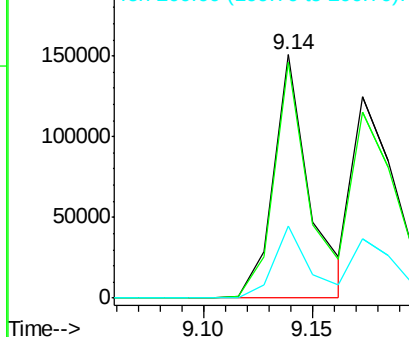
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

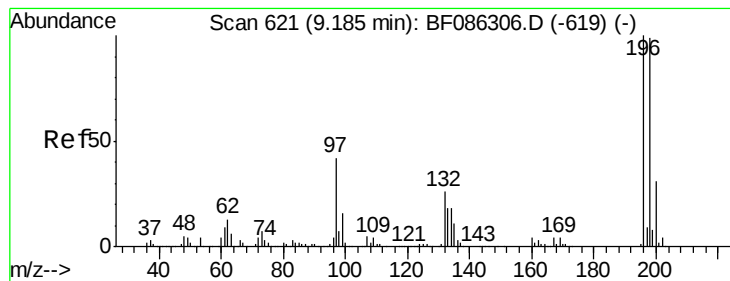


#42
 2,4,6-Trichlorophenol
 Concen: 18.58 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	173998		
198	96.7	76.6	115.0	
200	29.8	25.3	37.9	

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





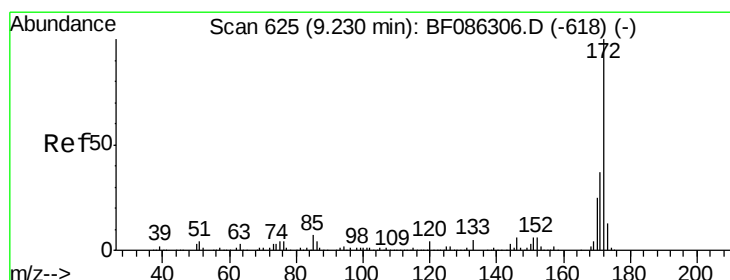
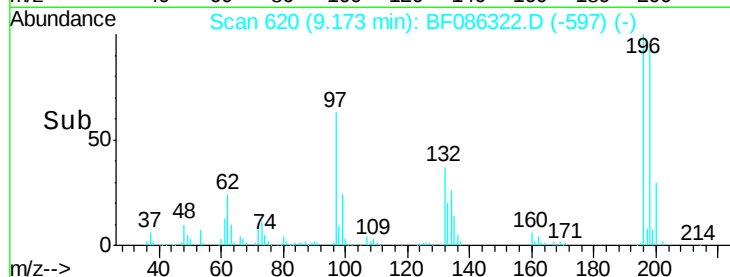
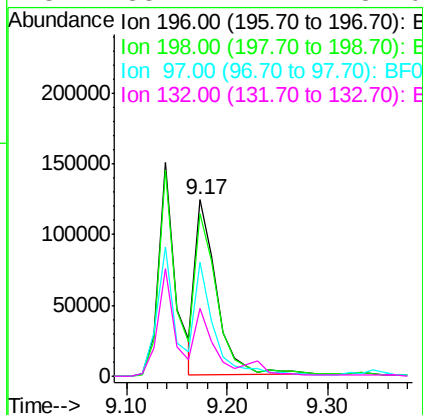
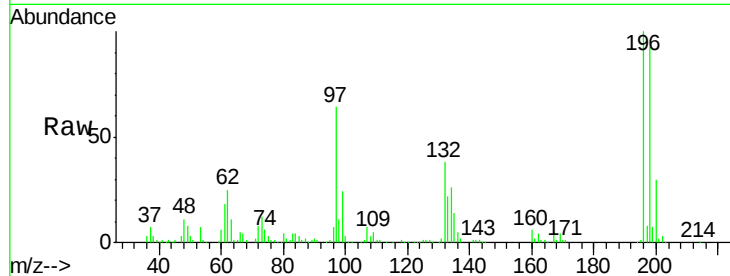
#43
2,4,5-Trichlorophenol
Concen: 18.08 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
196	100	184394		
198	92.6	77.7	116.5	
97	64.4	32.6	48.8	#
132	38.2	21.4	32.0	#

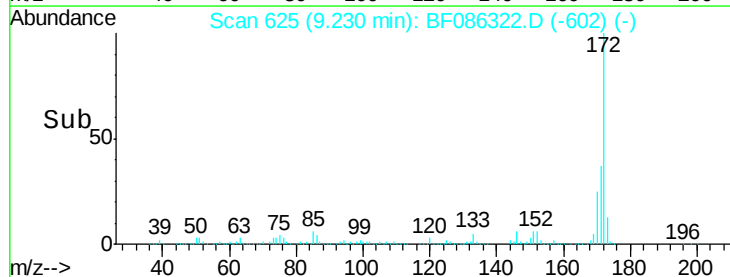
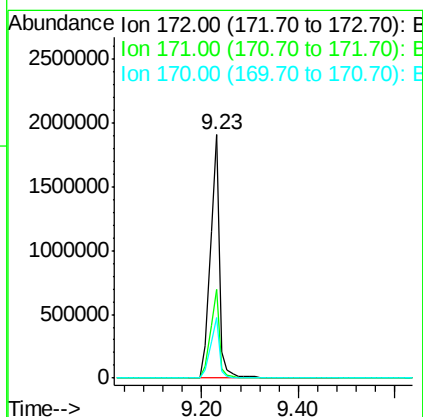
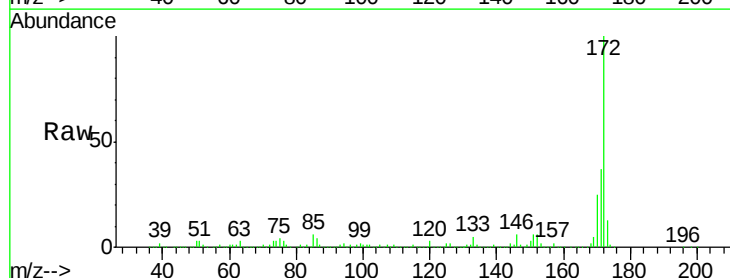
Manual Integrations
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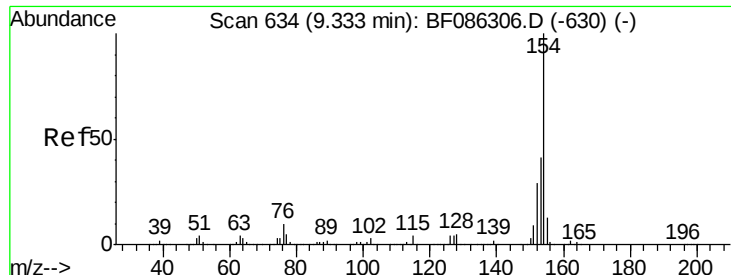
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#44
2-Fluorobiphenyl
Concen: 100.90 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2569882		
171	36.6	29.1	43.7	
170	24.7	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 19.92 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

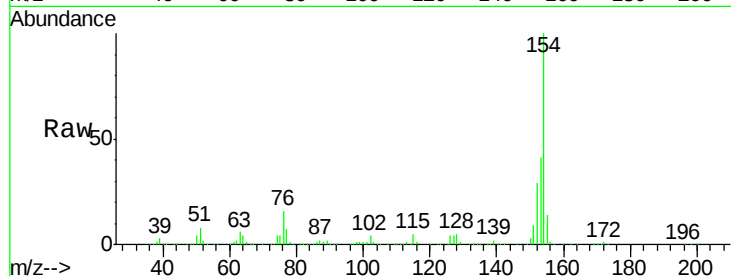
ClientSampleId :

LOQ-WATER2016-02

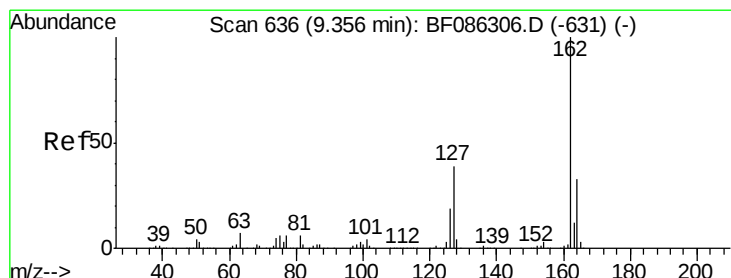
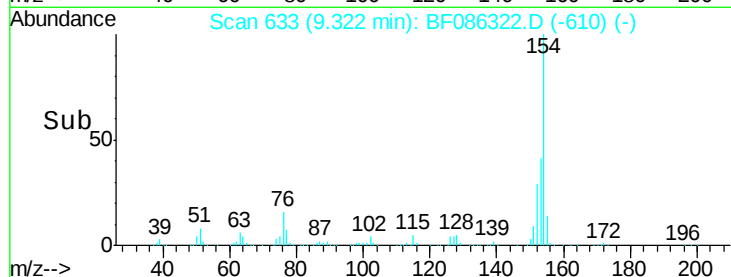
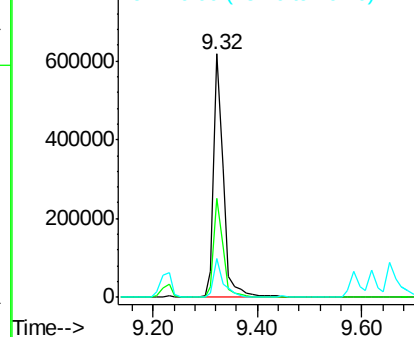
Tot Ion:	154	Resp:	793145
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	15.8	0.0	36.4

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



#46

2-Chloronaphthalene

Concen: 19.39 ng

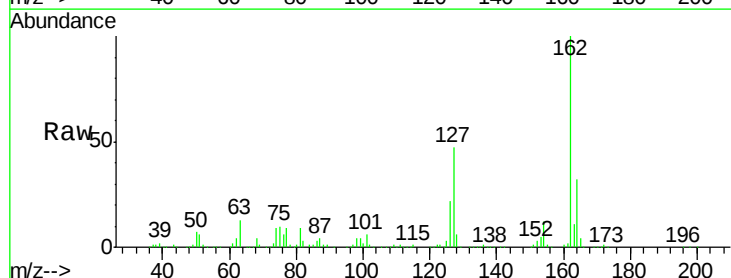
RT: 9.34 min Scan# 635

Delta R.T. -0.03 min

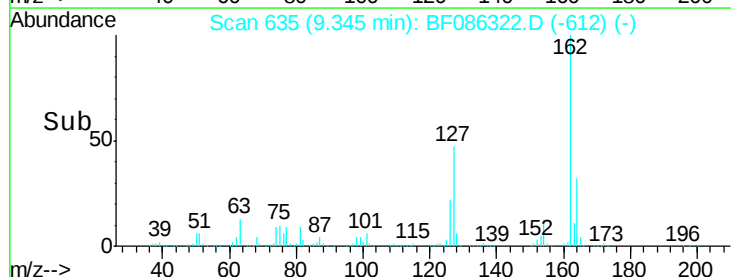
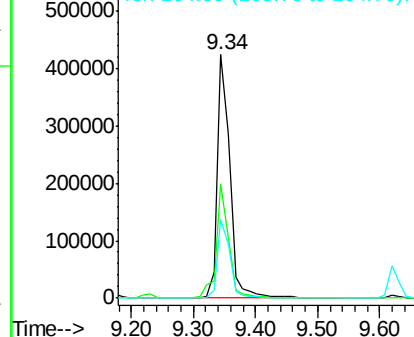
Lab File: BF086322.D

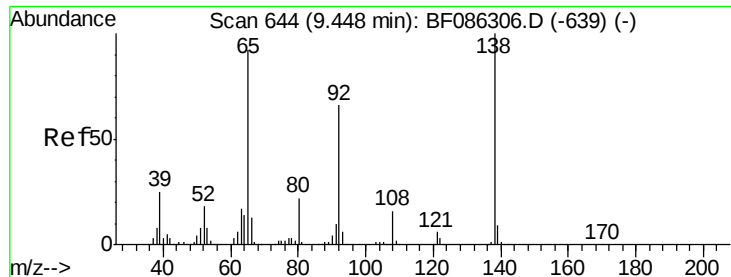
Acq: 20 Apr 2016 21:39

Tgt Ion:	162	Resp:	585148
Ion Ratio	Lower	Upper	
162	100		
127	46.8	36.7	55.1
164	32.1	26.4	39.6



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





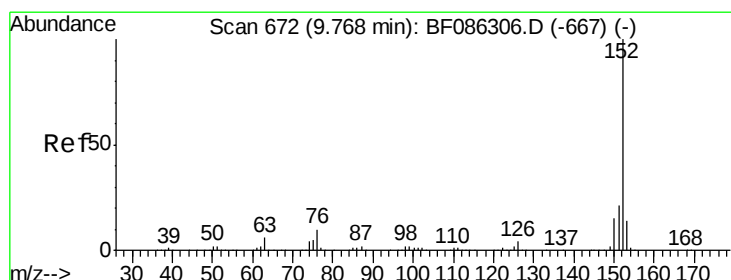
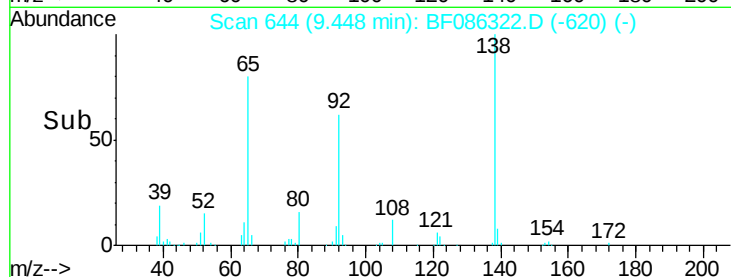
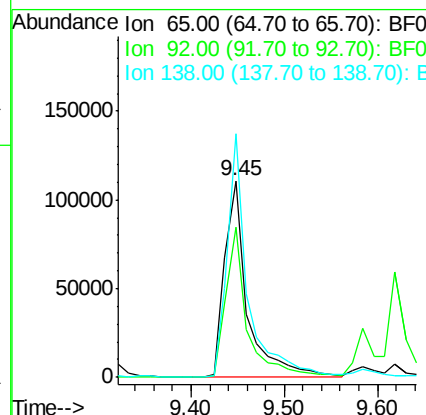
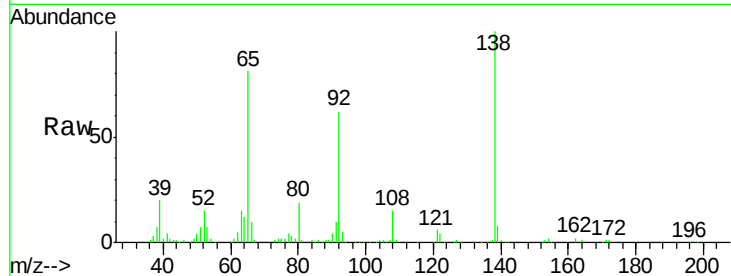
#47
2-Nitroaniline
Concen: 18.49 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	189636		
92	76.5	51.9	77.9	
138	124.0	72.6	108.8	

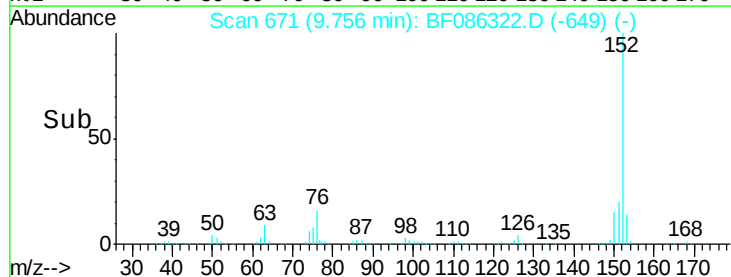
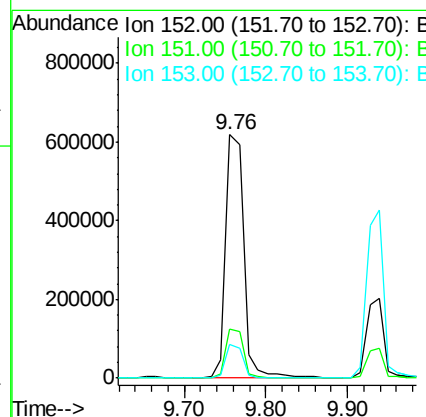
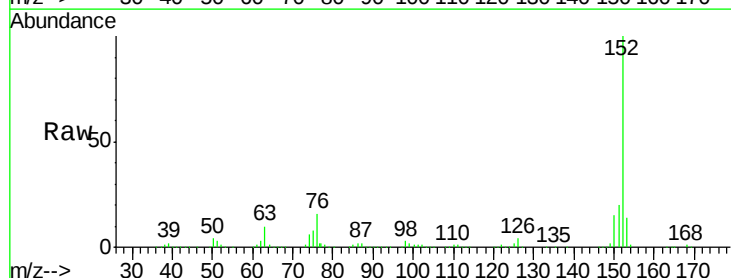
Manual Integrations
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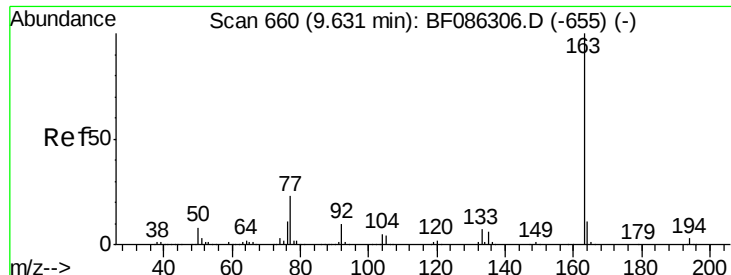
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#48
Acenaphthylene
Concen: 20.06 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.04 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	945005		
151	20.1	17.2	25.8	
153	13.9	10.7	16.1	





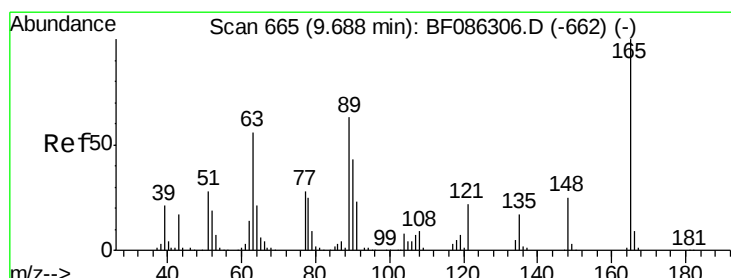
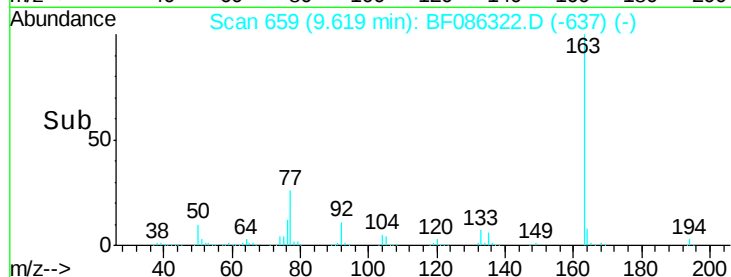
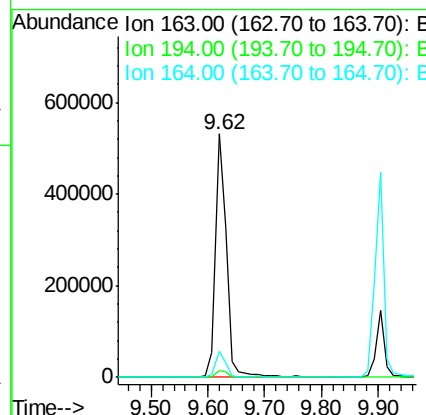
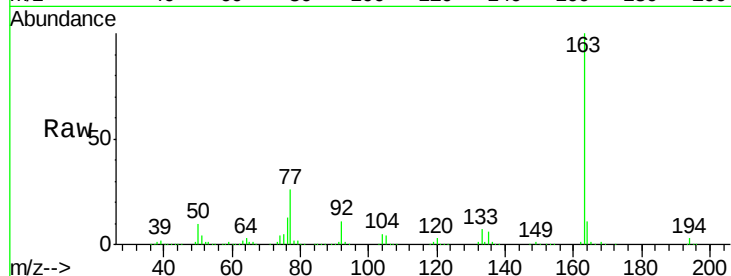
#49
Dimethylphthalate
Concen: 17.97 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.05 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
163	100	693786		
194	2.9		2.8	4.2
164	10.6		8.4	12.6

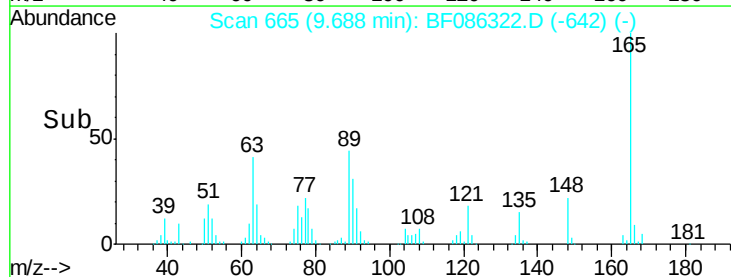
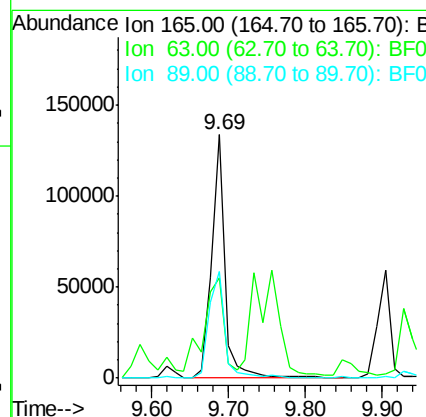
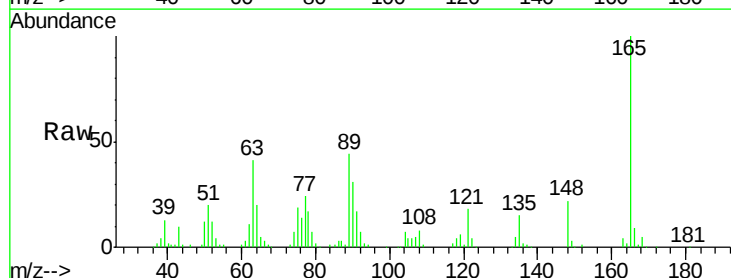
Manual Integrations
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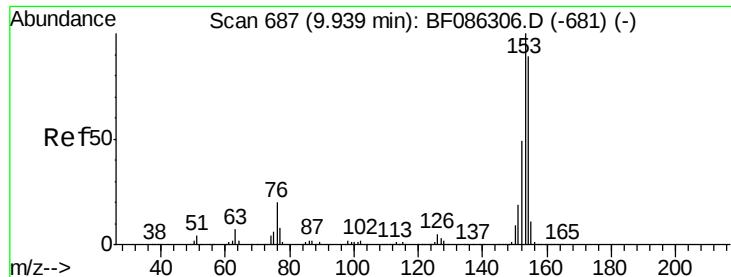
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#50
2,6-Dinitrotoluene
Concen: 20.12 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	159809		
63	41.4		35.1	52.7
89	43.7		39.8	59.6





#51

Acenaphthene

Concen: 20.39 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

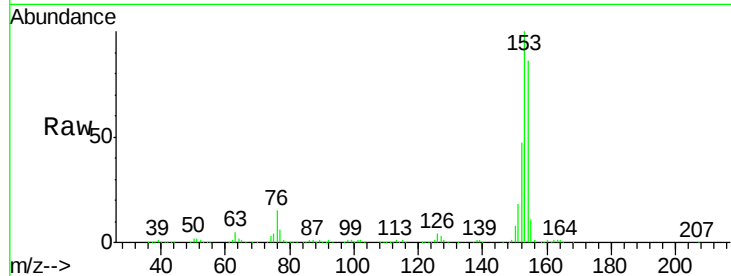
ClientSampleId :

LOQ-WATER2016-02

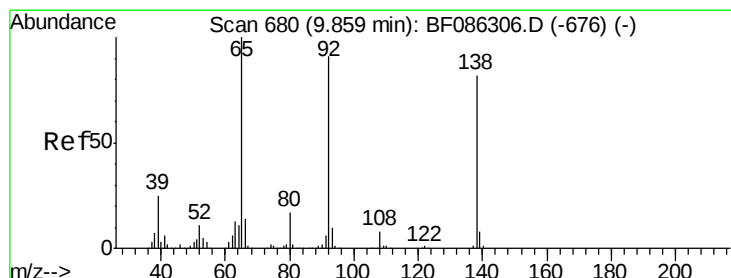
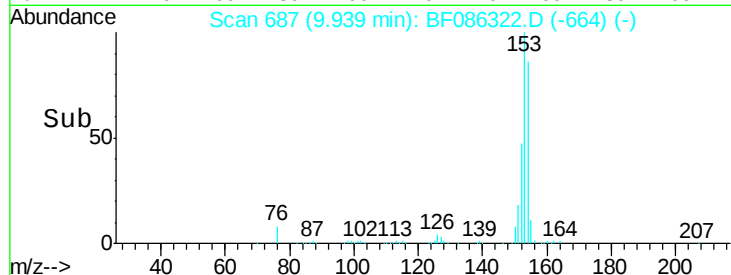
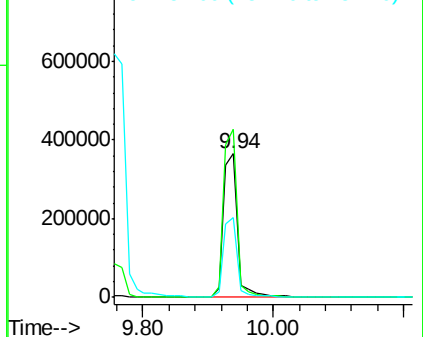
Tot Ion:	154	Resp:	563709
Ion Ratio	Lower	Upper	
154	100		
153	116.7	90.0	135.0
152	55.3	44.3	66.5

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



#52

3-Nitroaniline

Concen: 11.20 ng

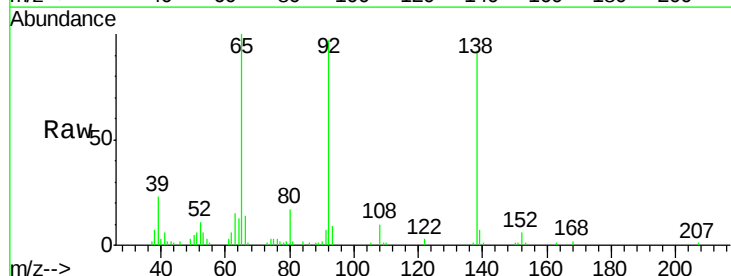
RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

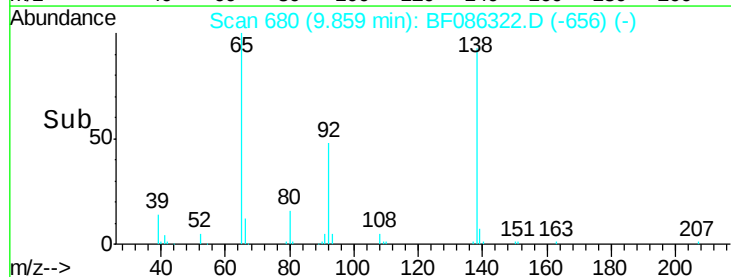
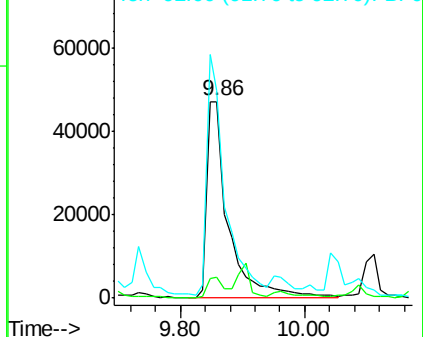
Lab File: BF086322.D

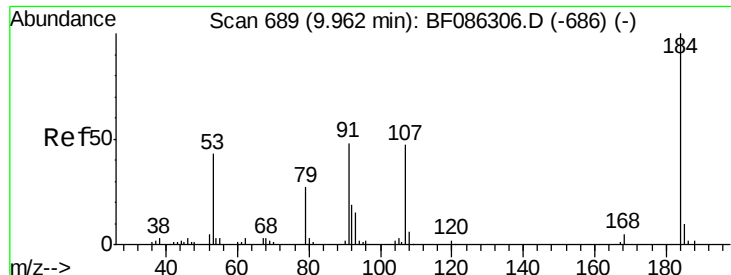
Acq: 20 Apr 2016 21:39

Tgt Ion:	138	Resp:	113121
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.0	13.4
92	105.4	99.3	148.9



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





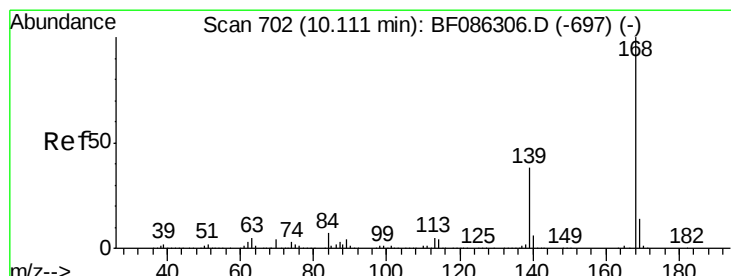
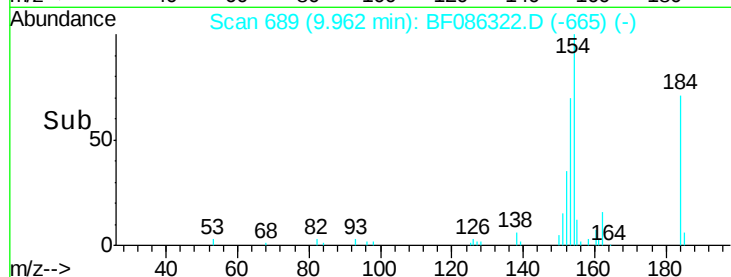
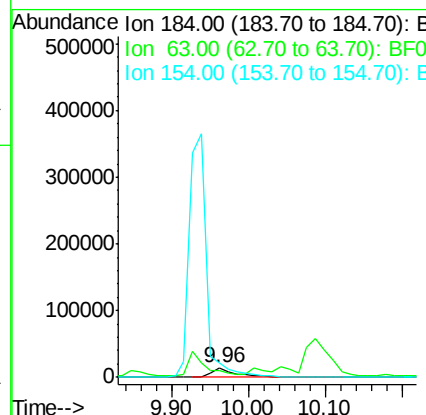
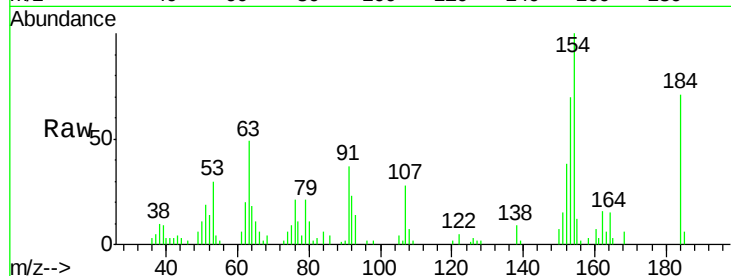
#53
 2,4-Dinitrophenol
 Concen: 24.59 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	68.5	64.7	97.1	
154	140.5	59.4	89.2	

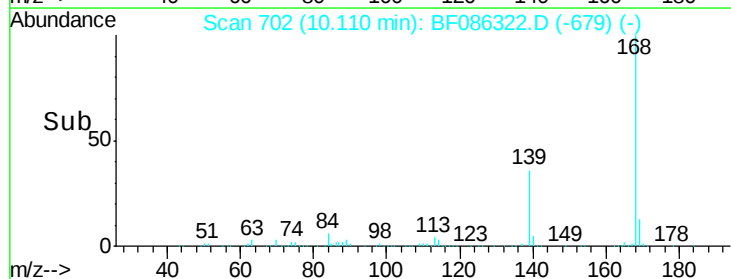
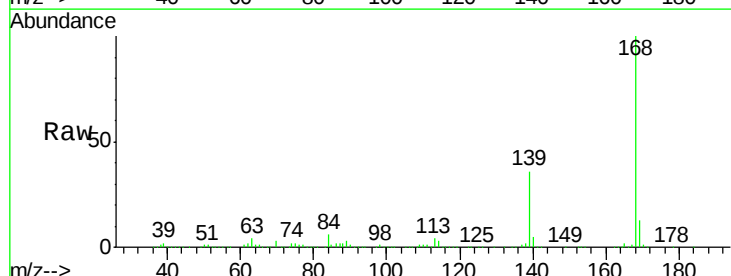
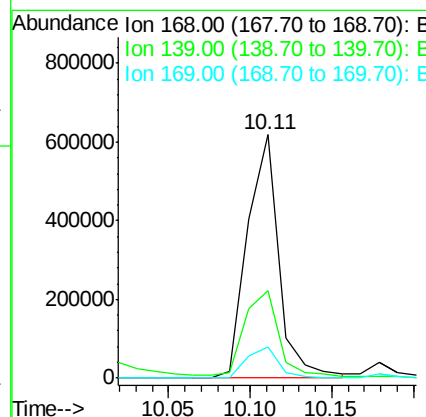
Manual Integrations
 APPROVED

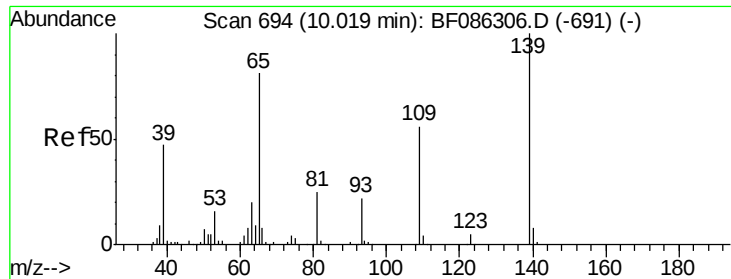
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#54
 Dibenzofuran
 Concen: 21.95 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.1	29.5	44.3	
169	13.0	10.6	16.0	





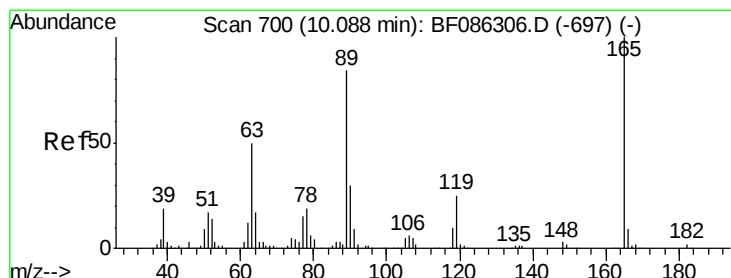
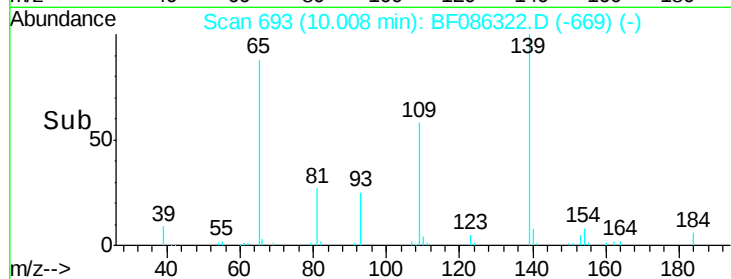
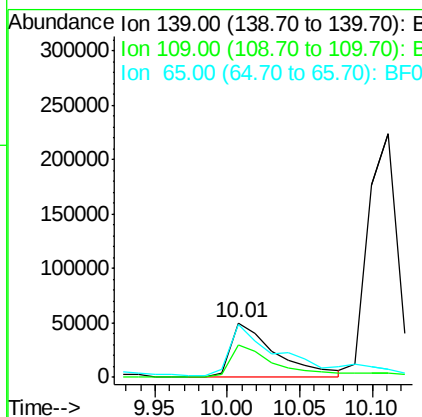
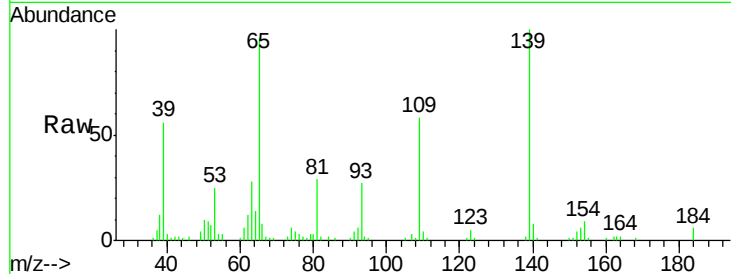
#55
4-Nitrophenol
Concen: 17.41 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
139	100	109041		
109	58.3	55.0	95.0	
65	96.1	87.3	127.3	

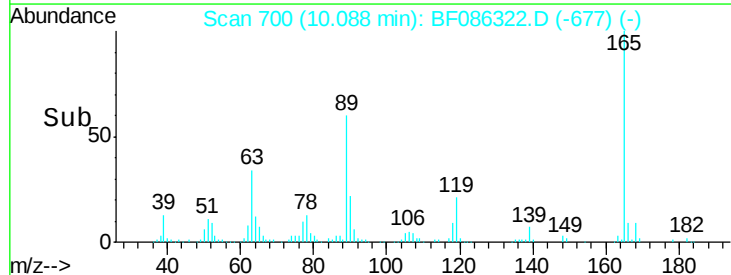
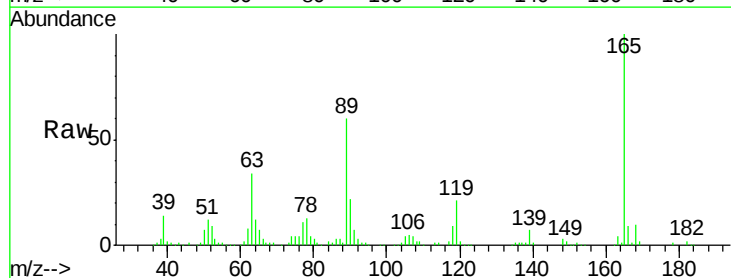
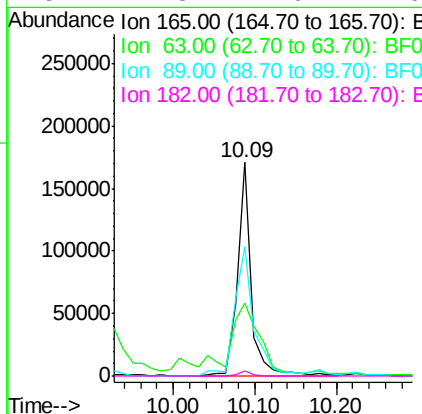
Manual Integrations
APPROVED

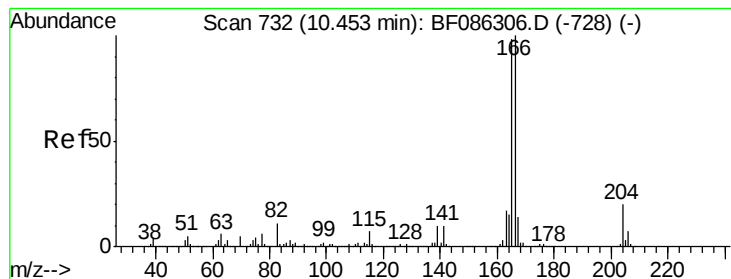
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#56
2,4-Dinitrotoluene
Concen: 20.69 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	204309		
63	34.4	26.6	40.0	
89	60.5	49.5	74.3	
182	2.3	1.9	2.9	





#57

Fluorene

Concen: 21.59 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

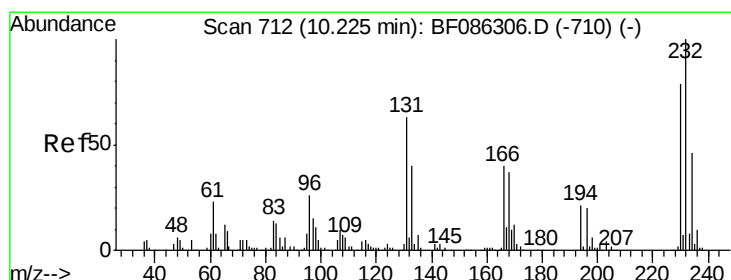
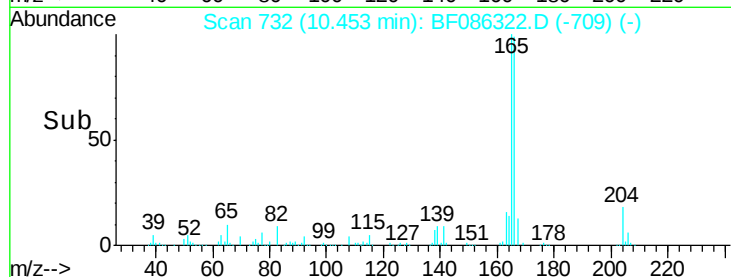
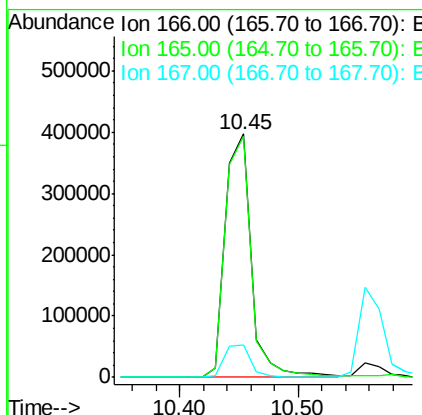
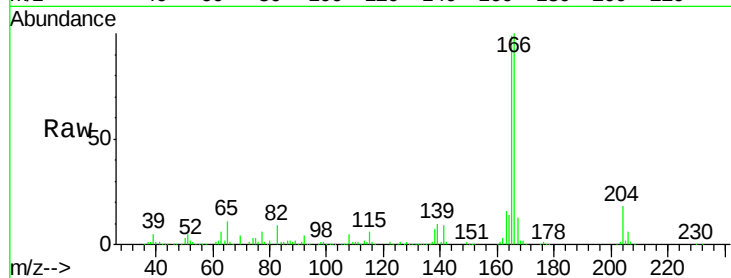
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	166	Resp:	601207
Ion Ratio		Lower	Upper
166	100		
165	99.0	78.6	117.8
167	13.2	10.4	15.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 22.75 ng

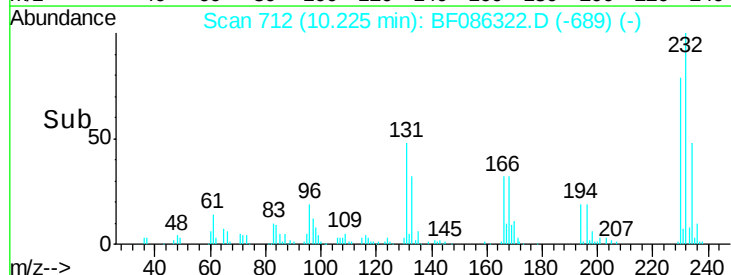
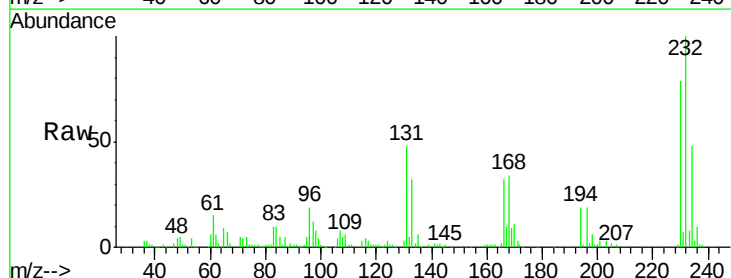
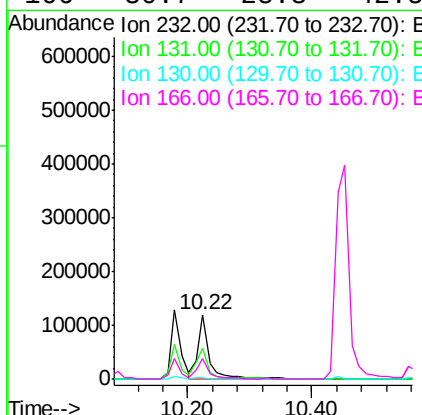
RT: 10.22 min Scan# 712

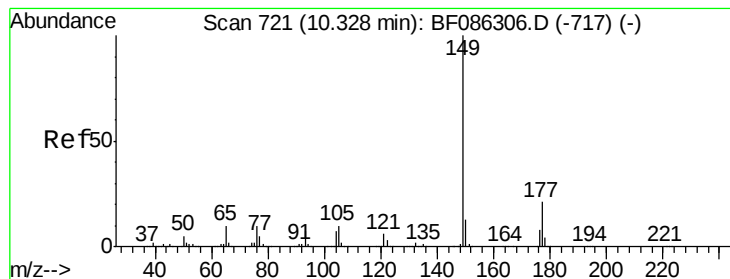
Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Tgt Ion:	232	Resp:	155636
Ion Ratio		Lower	Upper
232	100		
131	47.8	46.6	70.0
130	2.7	2.5	3.7
166	30.7	28.3	42.5





#59

Diethylphthalate

Concen: 19.26 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

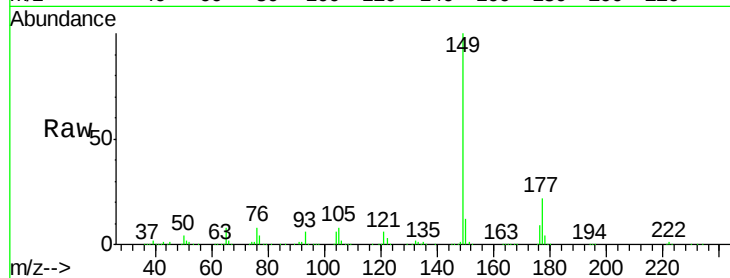
ClientSampleId :

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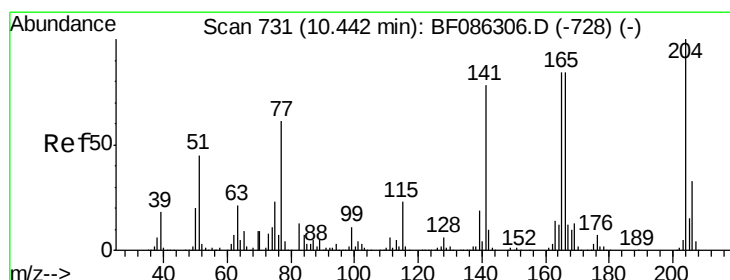
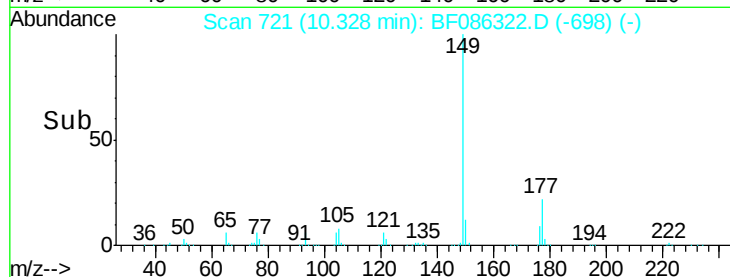
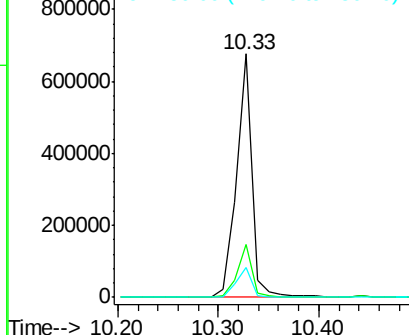
Tot Ion:	149	Resp:	725307
Ion Ratio	Lower	Upper	
149	100		
177	21.7	17.0	25.6
150	12.1	10.2	15.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 21.57 ng

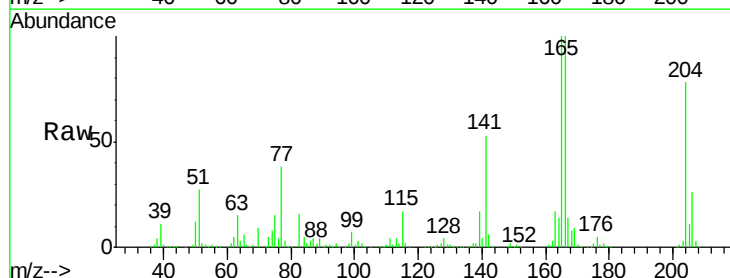
RT: 10.44 min Scan# 731

Delta R.T. -0.03 min

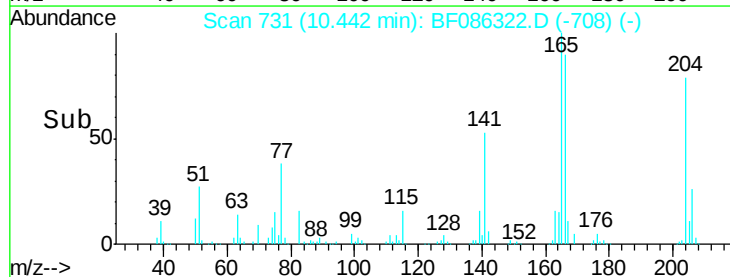
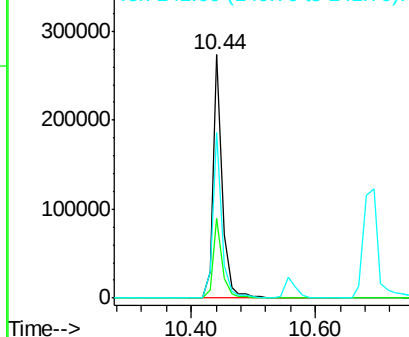
Lab File: BF086322.D

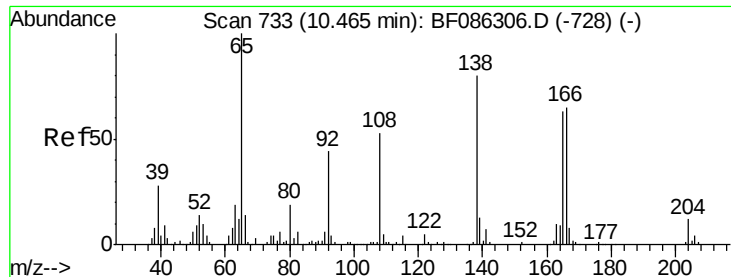
Acq: 20 Apr 2016 21:39

Tgt Ion:	204	Resp:	278186
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.2	39.2
141	67.8	55.4	83.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 17.93 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF086322.D

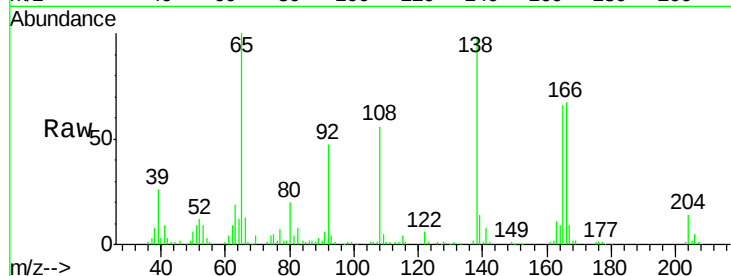
Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

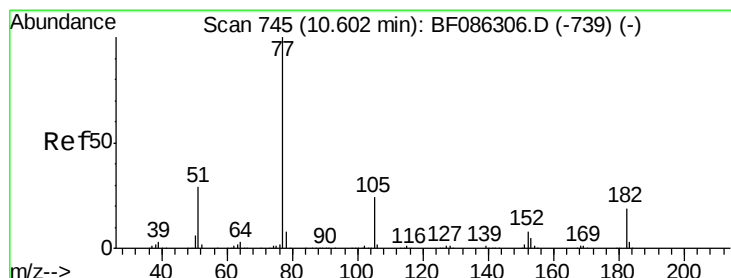
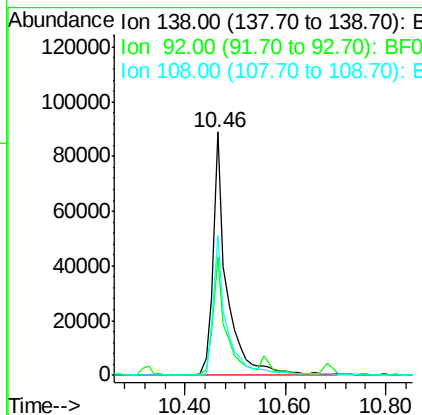
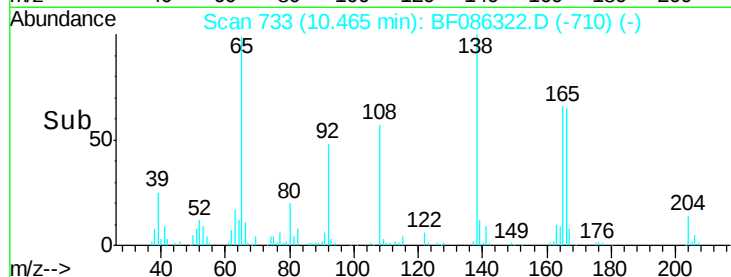
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Tot Ion	Ratio	Resp	Lower	Upper
138	100	169551		
92	48.5	31.9	71.9	
108	57.6	58.7	98.7#	

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#62

Azobenzene

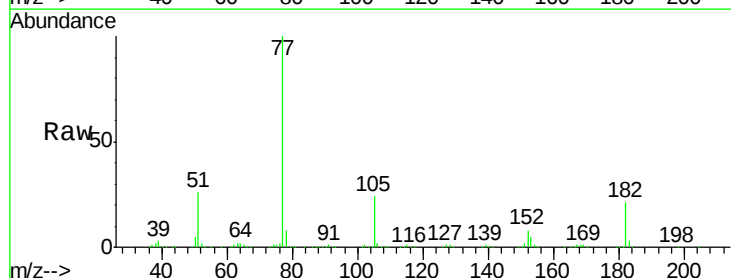
Concen: 21.30 ng

RT: 10.60 min Scan# 745

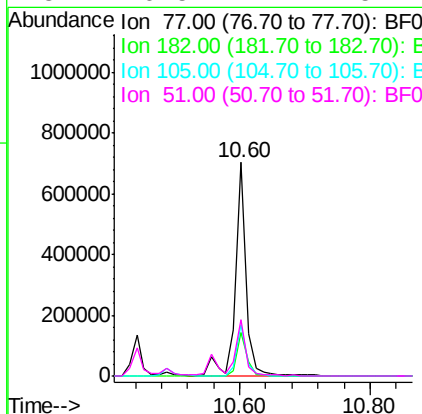
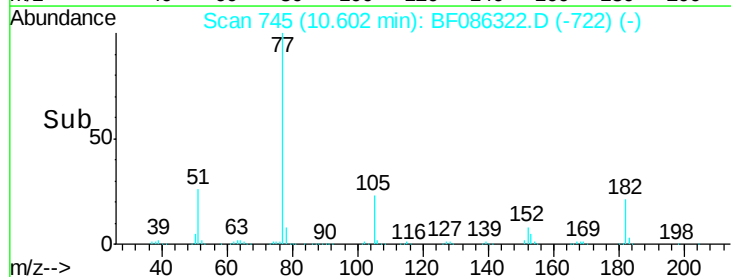
Delta R.T. -0.03 min

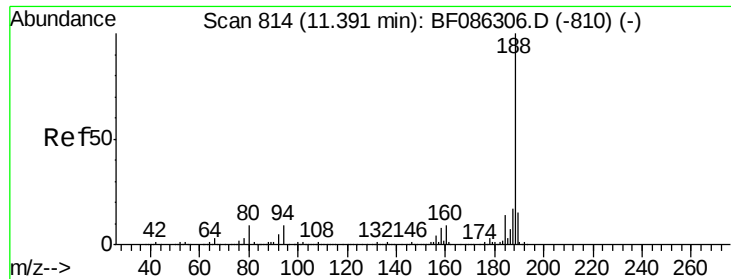
Lab File: BF086322.D

Acq: 20 Apr 2016 21:39



Tgt Ion	Ratio	Resp	Lower	Upper
77	100	790751		
182	20.6	2.3	42.3	
105	24.0	3.4	43.4	
51	26.5	11.7	51.7	





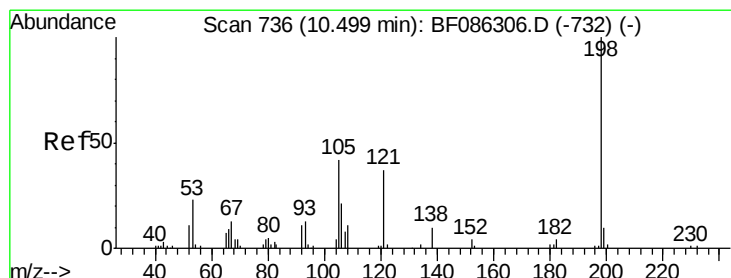
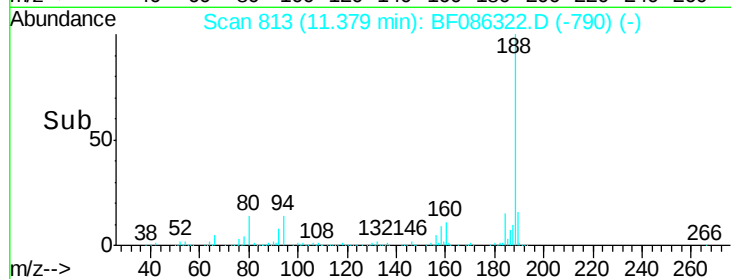
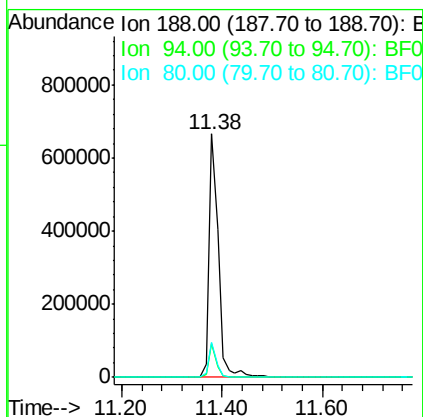
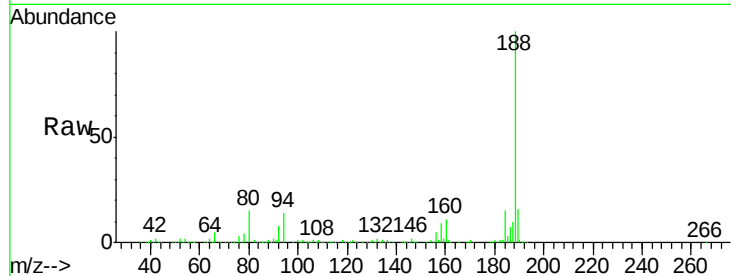
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	852688		
94	13.7		9.8	14.8
80	14.5		10.5	15.7

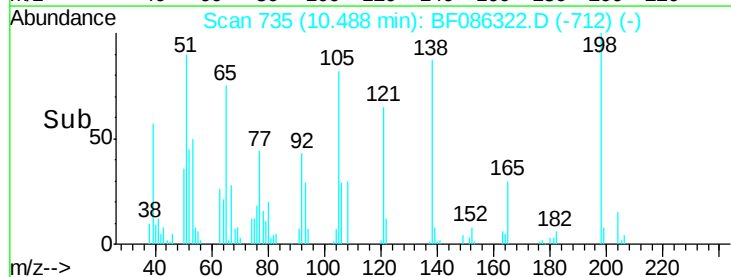
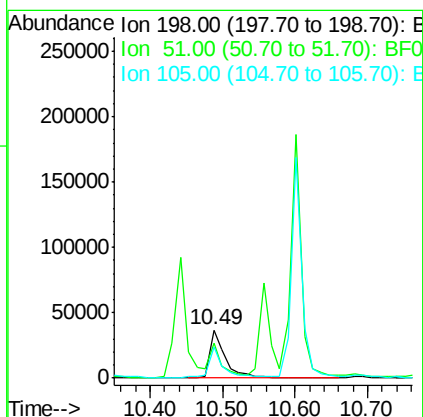
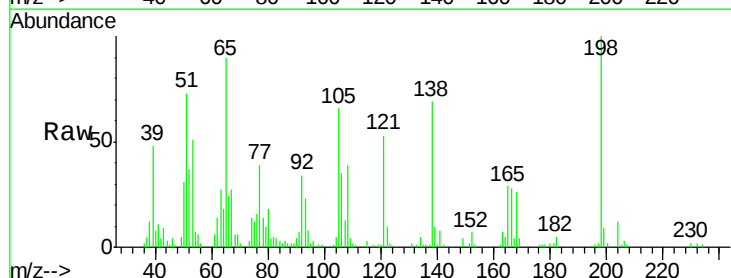
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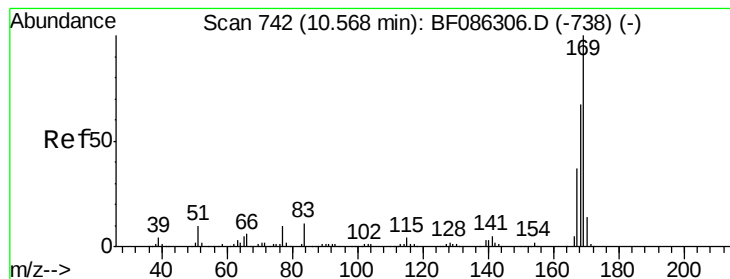
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.31 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	56019		
51	73.0		56.5	96.5
105	65.7		48.0	88.0





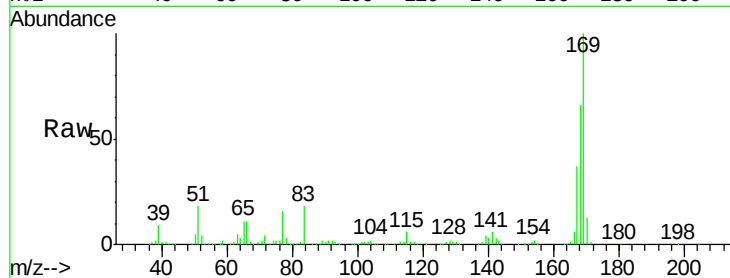
#65
n-Nitrosodiphenylamine
Concen: 19.62 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

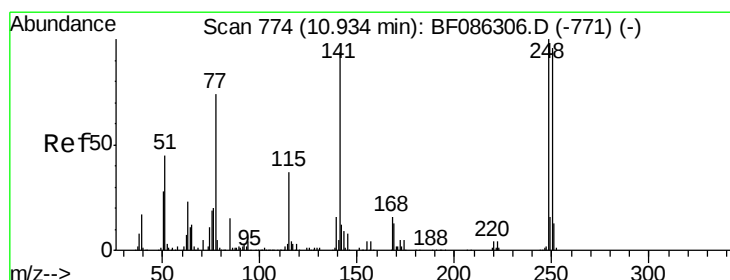
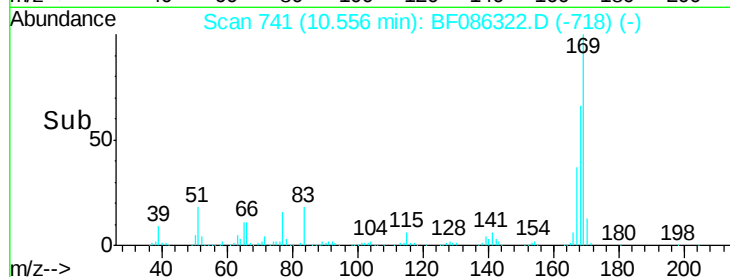
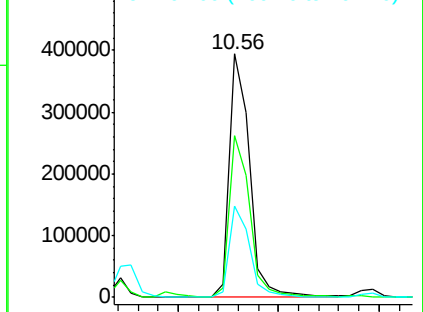
Tot Ion	Ratio	Resp	Lower	Upper
169	100	551123		
168	66.4		54.3	81.5
167	37.3		30.2	45.2

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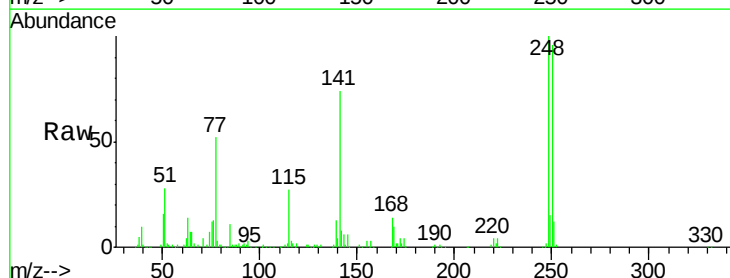


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

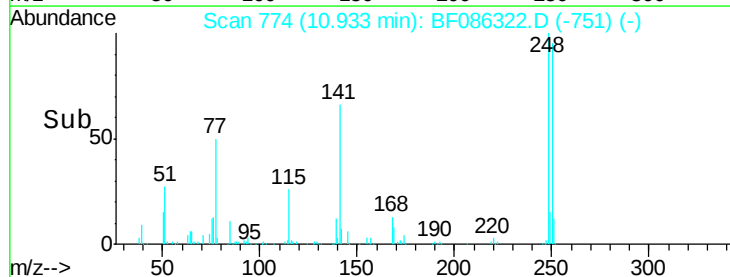
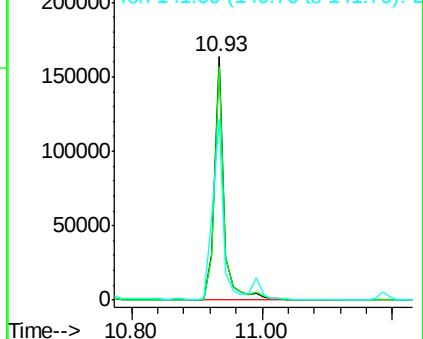


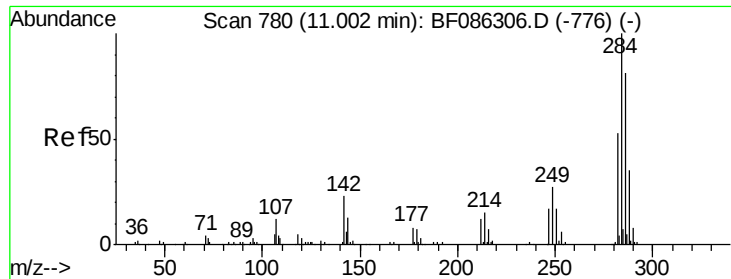
#66
4-Bromophenyl-phenylether
Concen: 18.97 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	173819		
250	95.7		78.6	118.0
141	74.2		57.9	86.9



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: 18.20 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

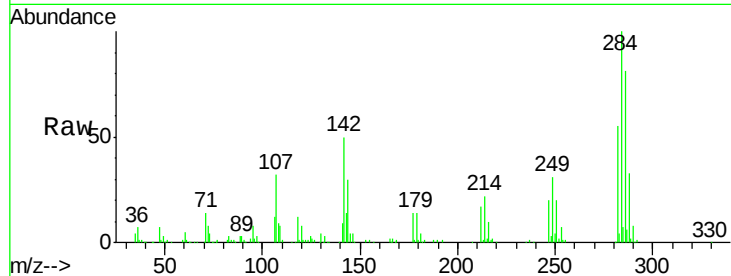
ClientSampleId :

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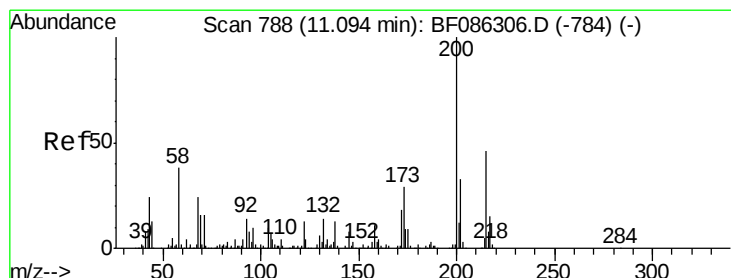
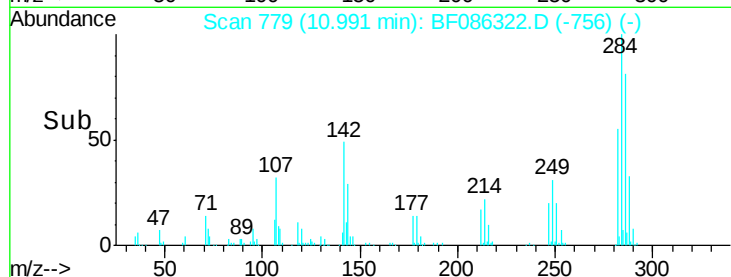
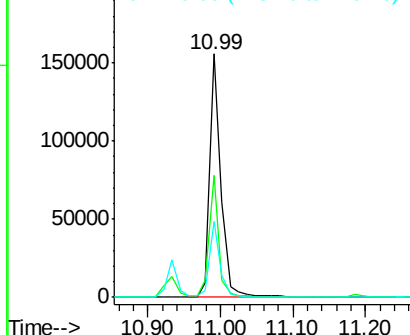
Tot Ion:	284	Resp:	167344
Ion Ratio	Lower	Upper	
284	100		
142	50.1	42.6	64.0
249	31.3	25.9	38.9

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



#68

Atrazine

Concen: 18.71 ng

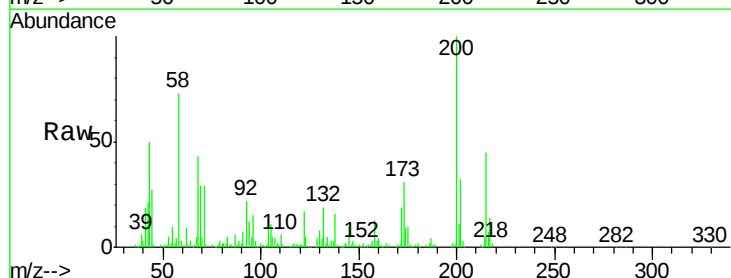
RT: 11.08 min Scan# 787

Delta R.T. -0.03 min

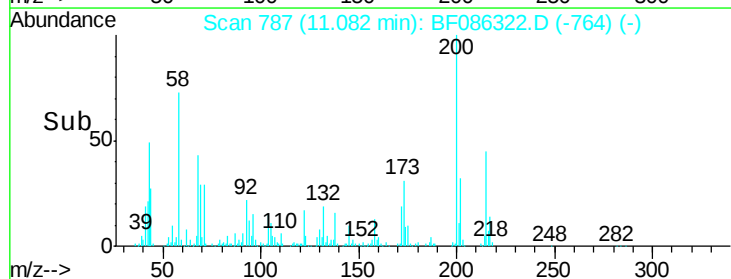
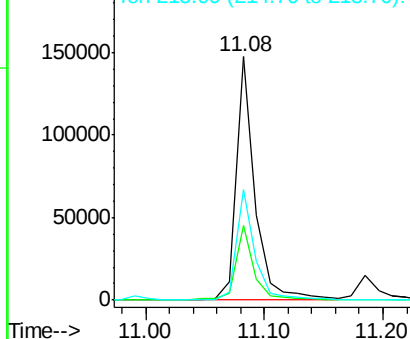
Lab File: BF086322.D

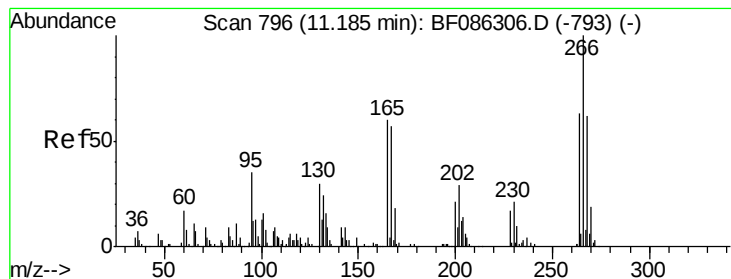
Acq: 20 Apr 2016 21:39

Tgt Ion:	200	Resp:	161586
Ion Ratio	Lower	Upper	
200	100		
173	30.8	11.2	51.2
215	45.3	24.0	64.0



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





#69

Pentachlorophenol

Concen: 19.16 ng

RT: 11.18 min Scan# 796

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tot Ion:266 Resp: 92295

Ion Ratio Lower Upper

266 100

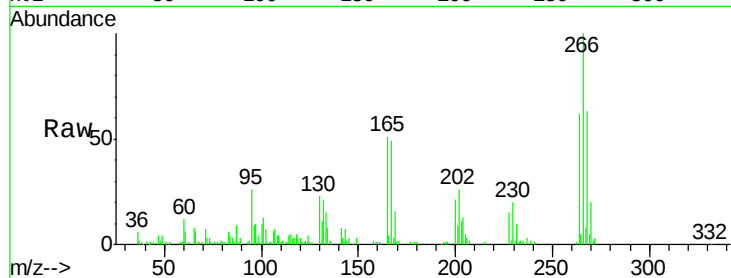
268 63.3 53.0 79.4

264 62.2 51.3 76.9

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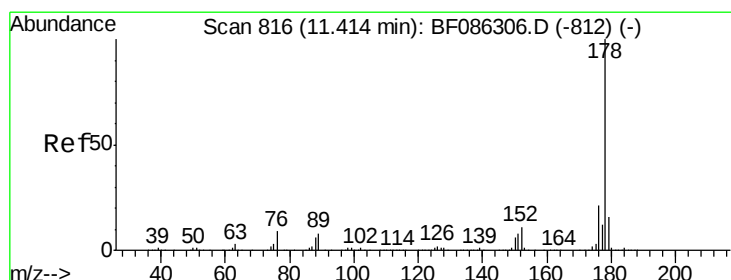
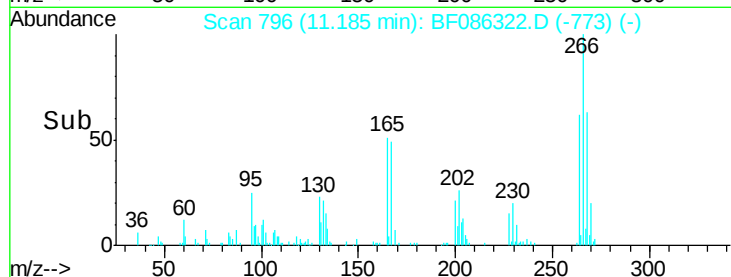
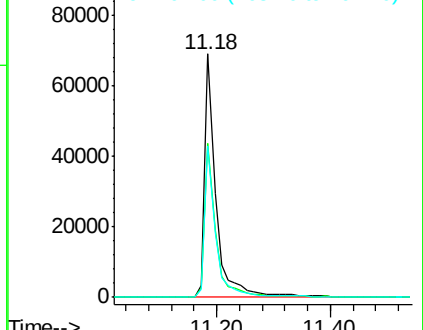
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 20.42 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

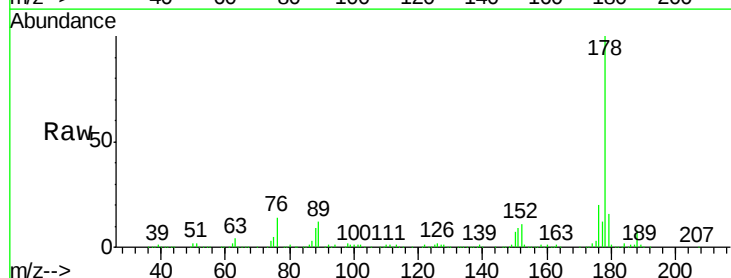
Tgt Ion:178 Resp: 825283

Ion Ratio Lower Upper

178 100

176 20.0 16.3 24.5

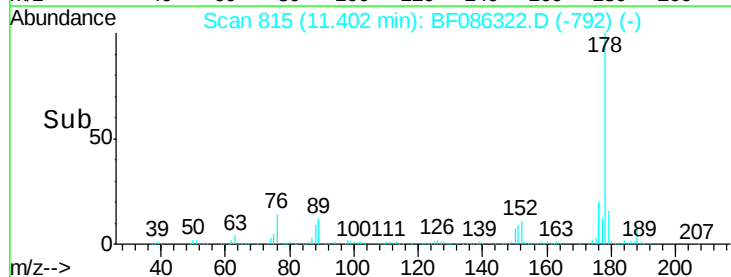
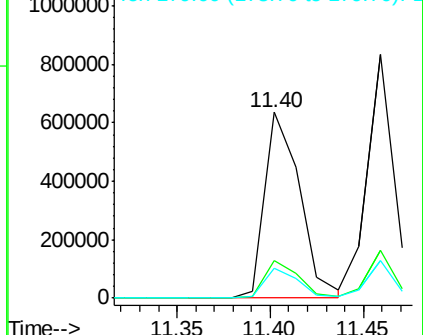
179 15.8 13.0 19.6

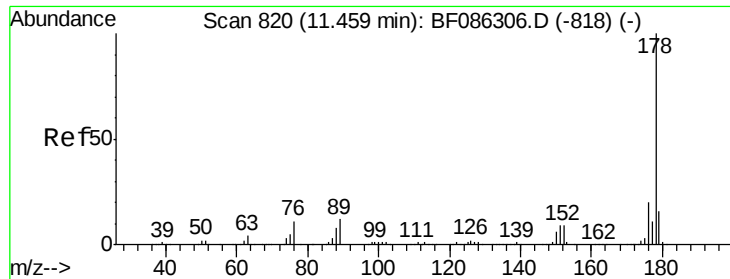


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





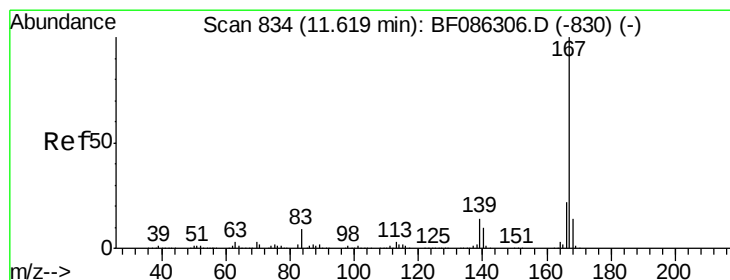
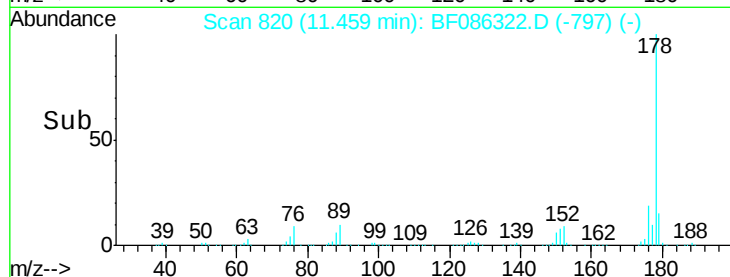
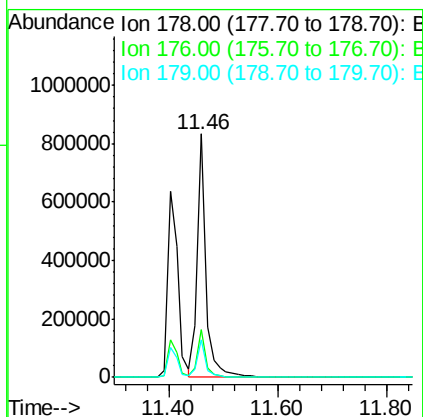
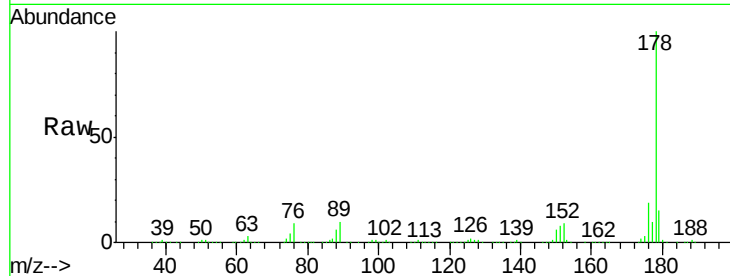
#71
 Anthracene
 Concen: 21.26 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.4	13.2	19.8

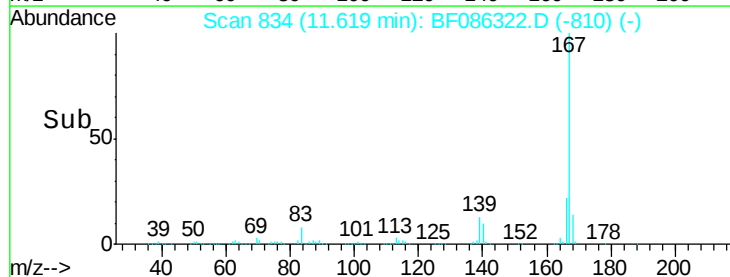
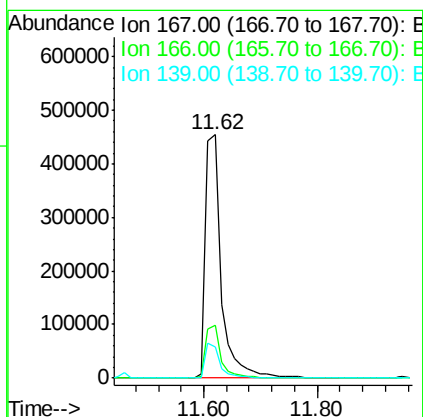
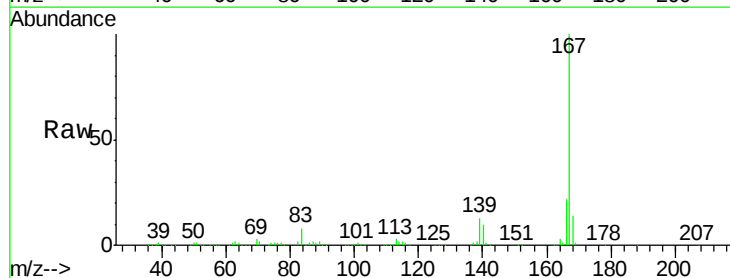
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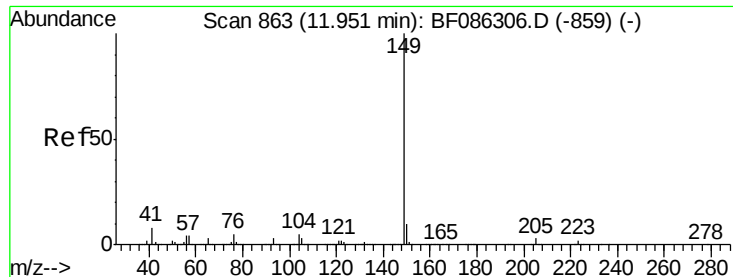
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#72
 Carbazole
 Concen: 20.70 ng
 RT: 11.62 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.3	27.5
139	12.7	12.3	18.5





#73

Di-n-butylphthalate

Concen: 20.76 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

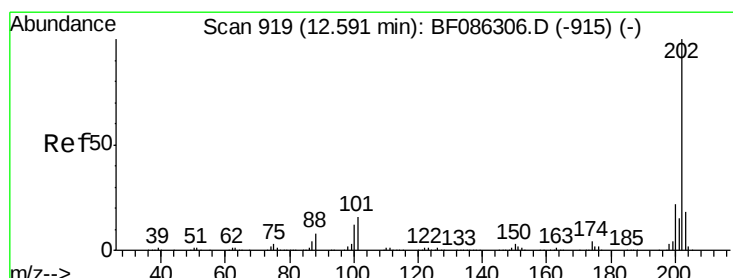
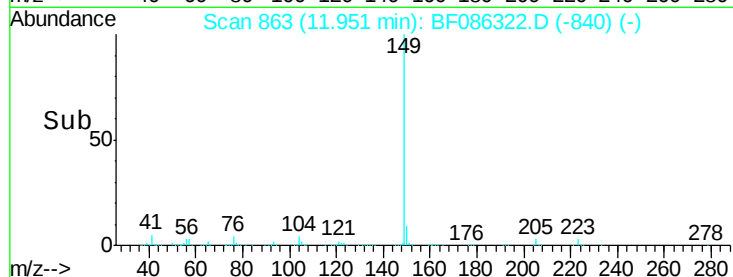
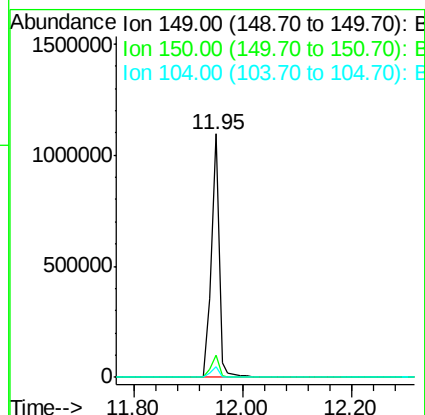
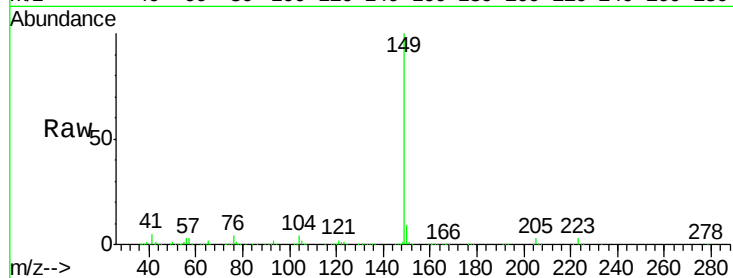
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	149	Resp:	1094630
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.8
104	4.1	4.1	6.1

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#74

Fluoranthene

Concen: 20.60 ng

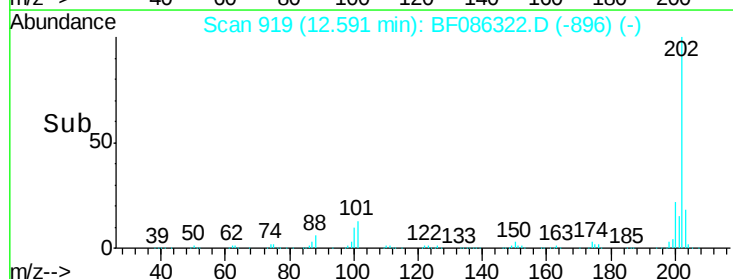
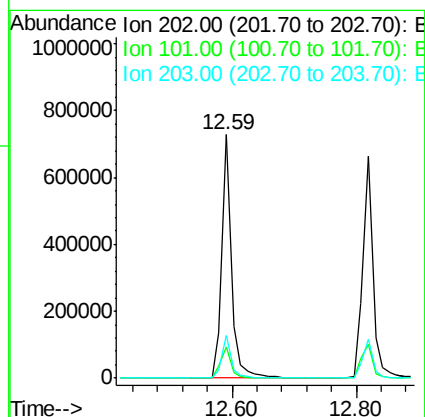
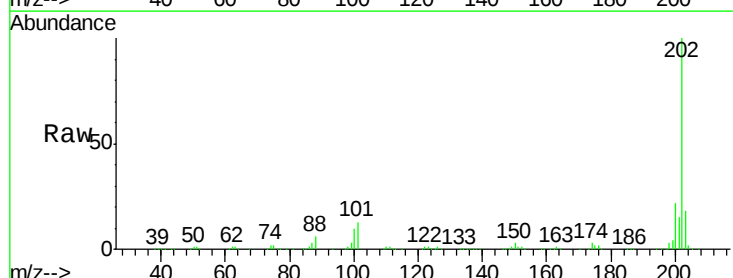
RT: 12.59 min Scan# 919

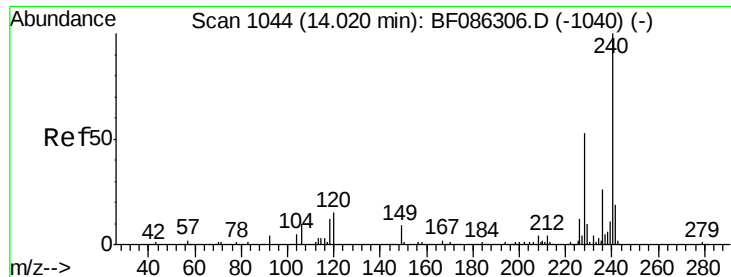
Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Tgt Ion:	202	Resp:	771820
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	35.2
203	17.6	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

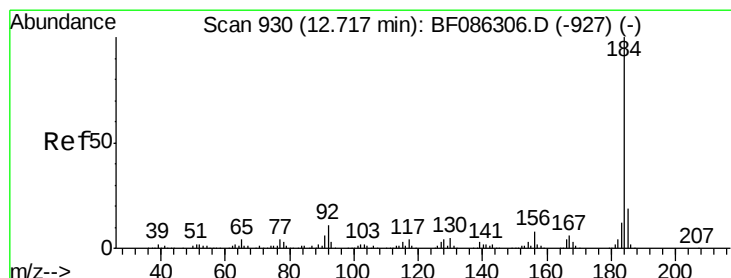
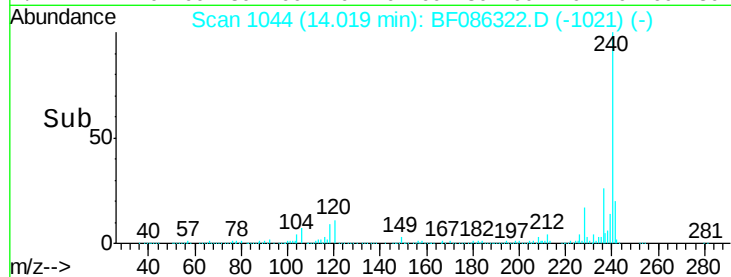
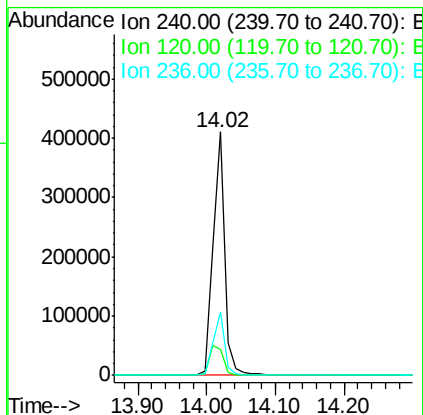
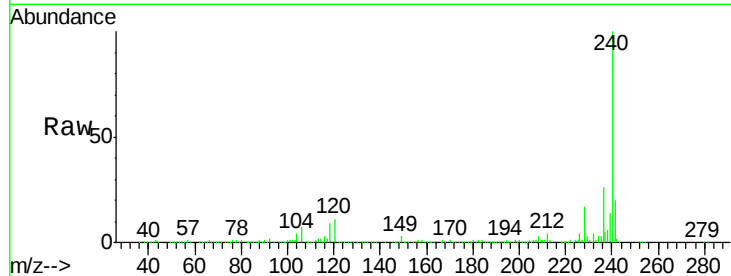
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	240	Resp:	489733
Ion Ratio	Lower	Upper	
240	100		
120	10.7	9.3	13.9
236	26.1	21.1	31.7

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#76

Benzidine

Concen: 7.43 ng

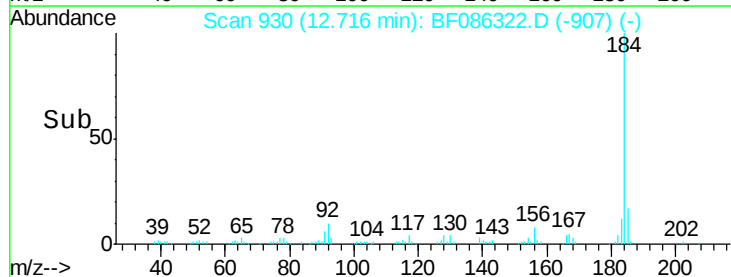
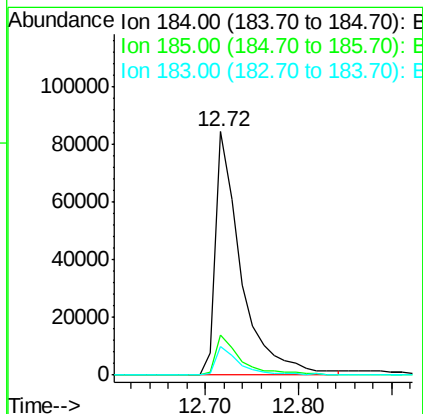
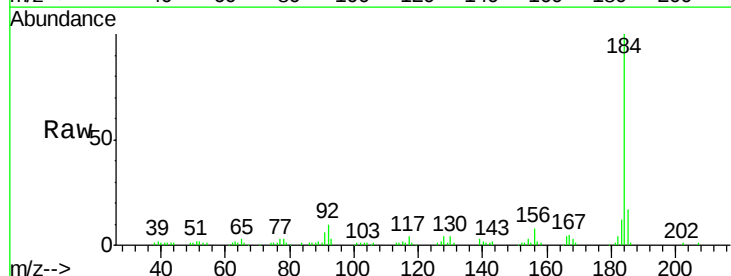
RT: 12.72 min Scan# 930

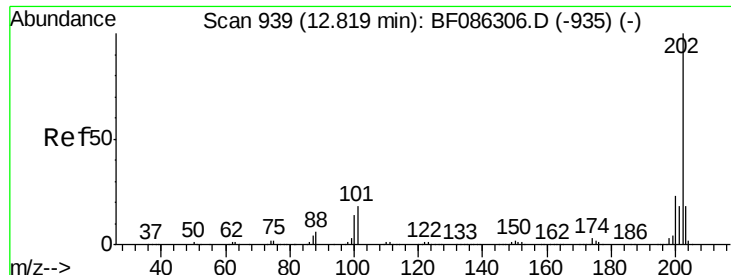
Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Tgt Ion:	184	Resp:	160582
Ion Ratio	Lower	Upper	
184	100		
185	16.5	14.2	21.2
183	11.5	9.8	14.6





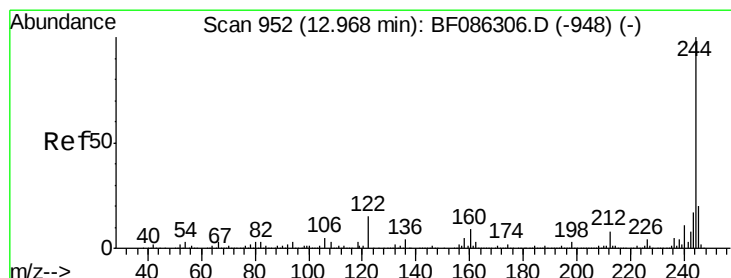
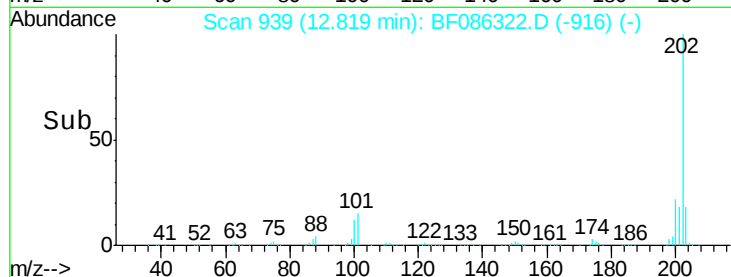
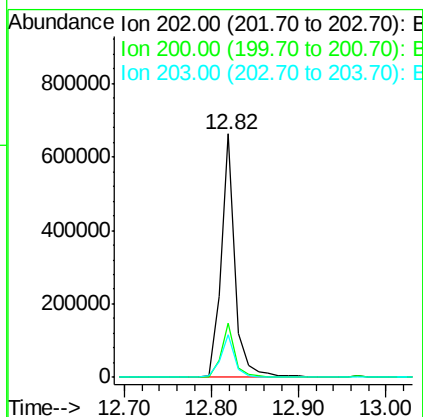
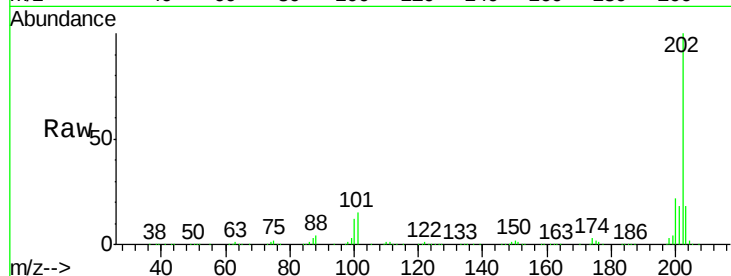
#77
Pvrene
Concen: 20.43 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.3	27.5
203	17.8	14.9	22.3

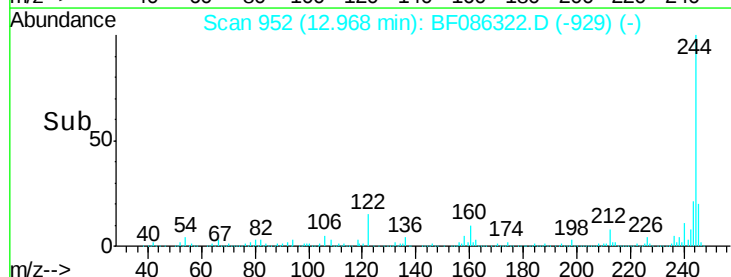
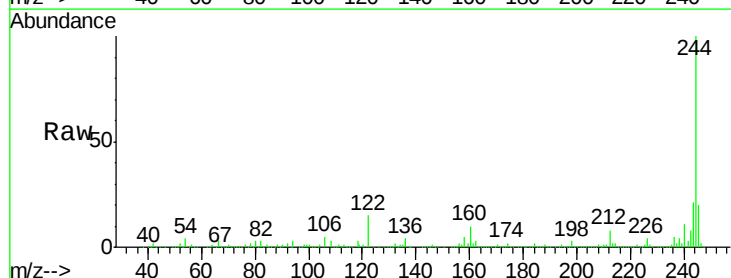
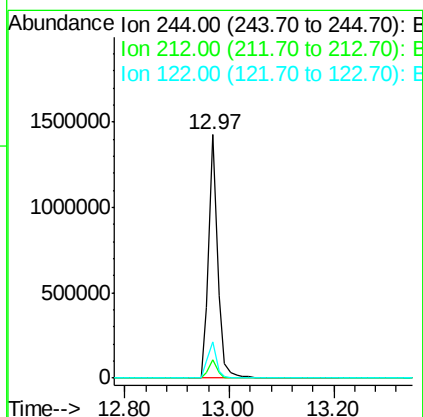
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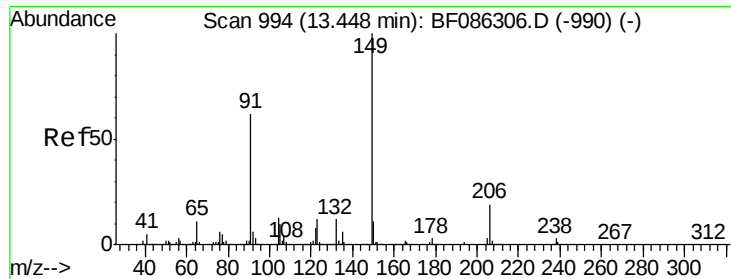
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#78
Terphenyl-d14
Concen: 83.33 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	15.1	11.7	17.5





#79

Butylbenzylphthalate

Concen: 19.46 ng

RT: 13.44 min Scan# 993

Delta R.T. -0.05 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

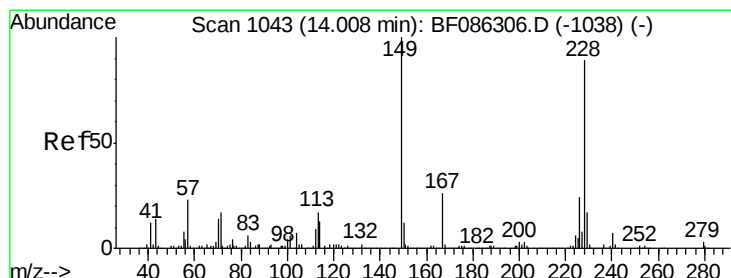
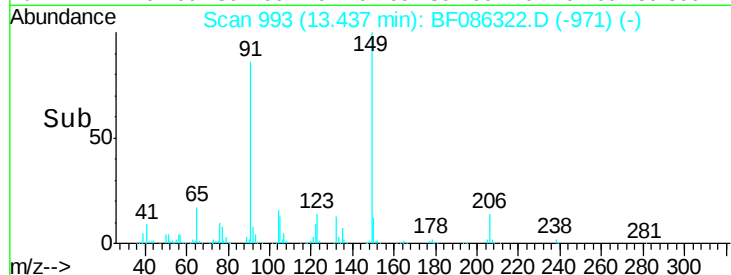
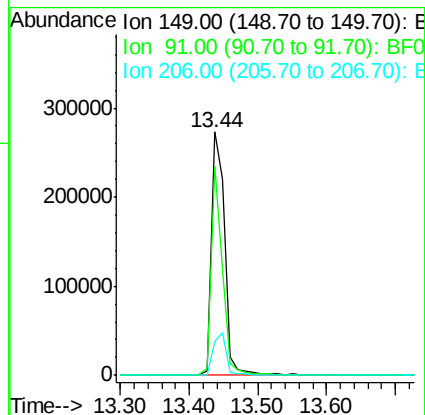
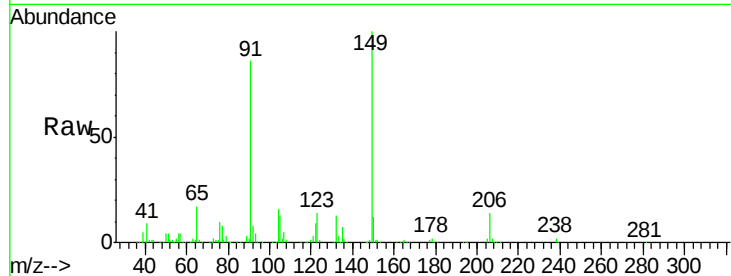
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	149	Resp:	373239
Ion Ratio	Lower	Upper	
149	100		
91	85.8	48.7	73.1#
206	13.8	15.7	23.5#

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#80

Benzo(a)anthracene

Concen: 19.27 ng

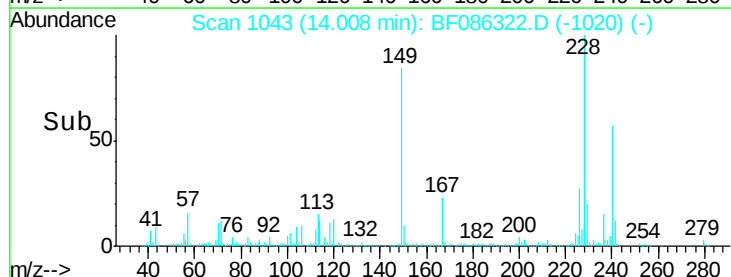
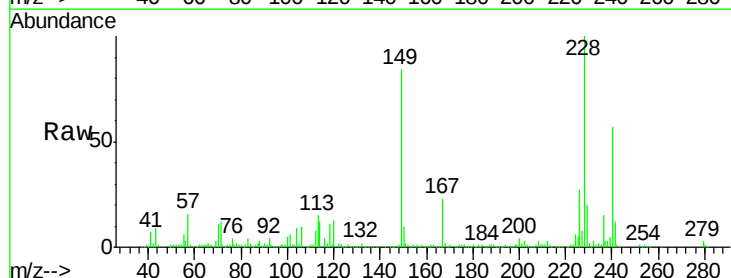
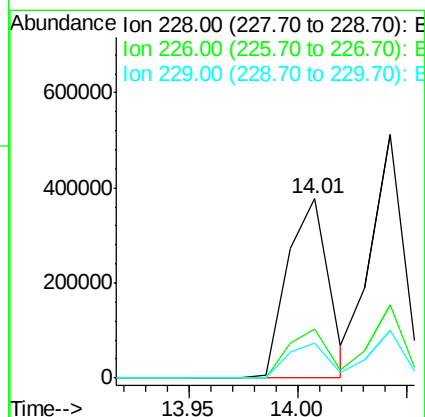
RT: 14.01 min Scan# 1043

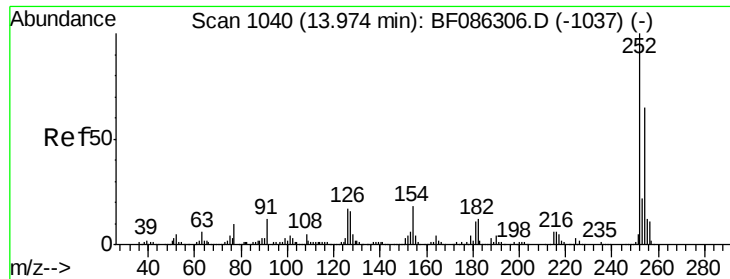
Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Tgt Ion:	228	Resp:	497217
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.5	33.7
229	19.6	16.2	24.2





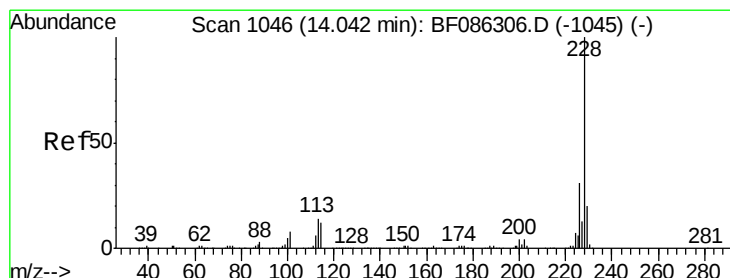
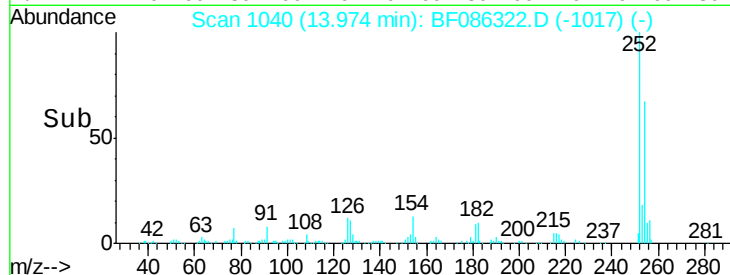
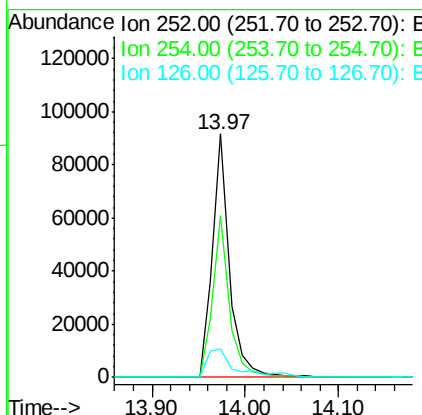
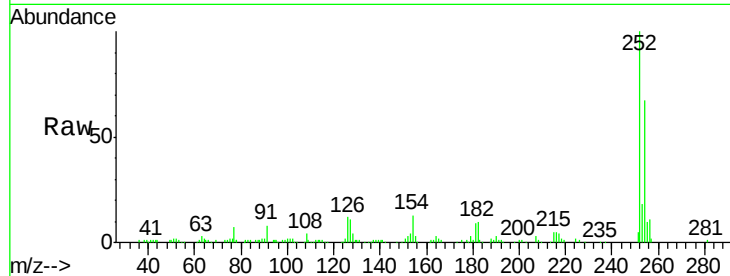
#81
 3,3'-Dichlorobenzidine
 Concen: 6.59 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.6	52.1	78.1
126	11.7	13.2	19.8

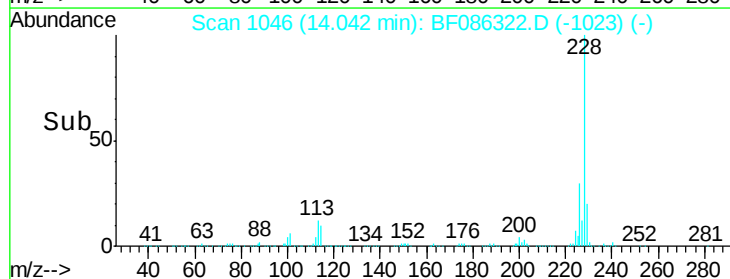
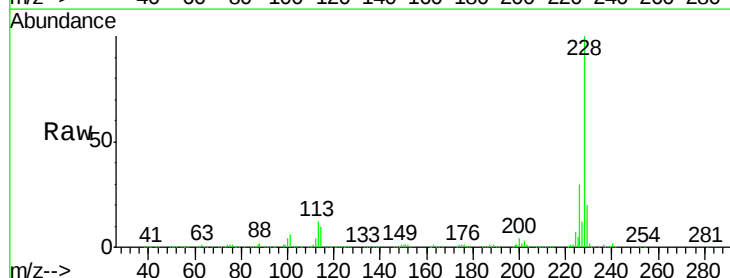
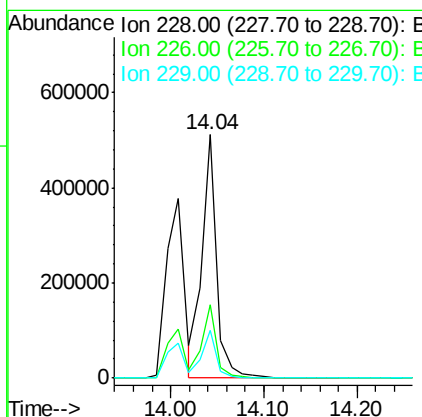
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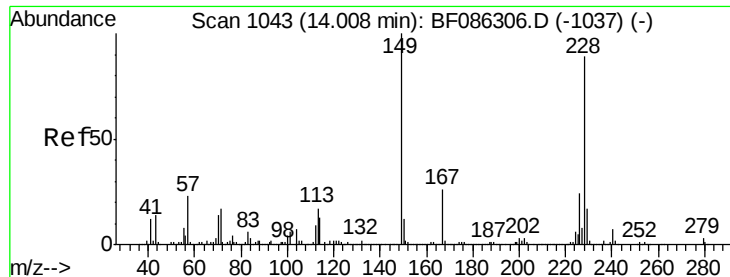
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#82
 Chrysene
 Concen: 20.31 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF086322.D
 Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.1	25.4	38.2
229	19.8	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 20.75 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.05 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

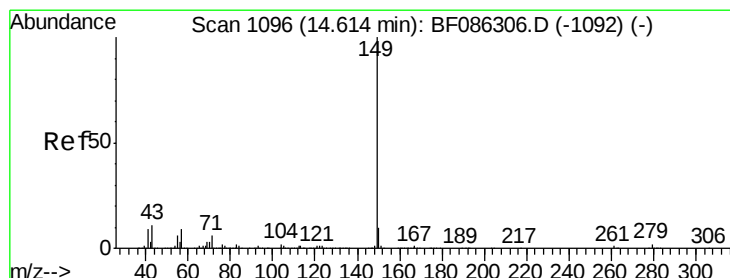
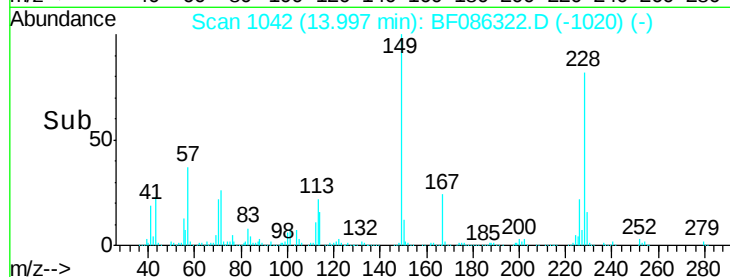
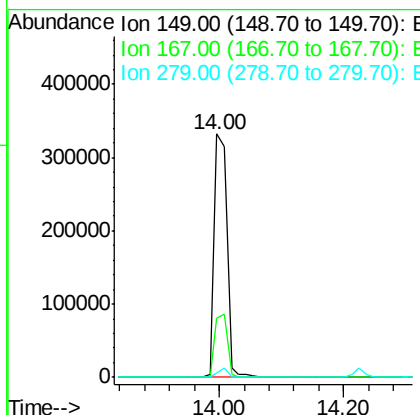
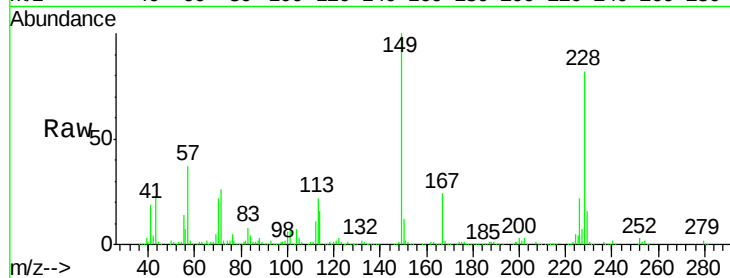
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	149	Resp:	465911
Ion Ratio	Lower	Upper	
149	100		
167	24.5	21.0	31.4
279	1.6	2.4	3.6#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 19.42 ng

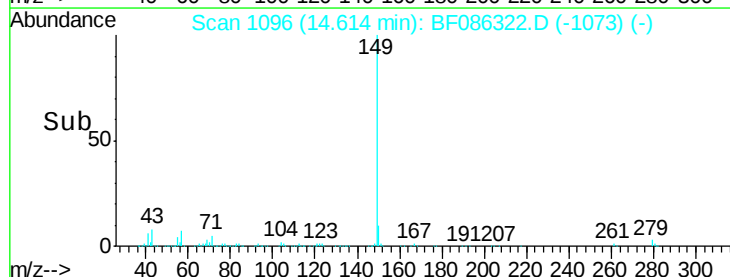
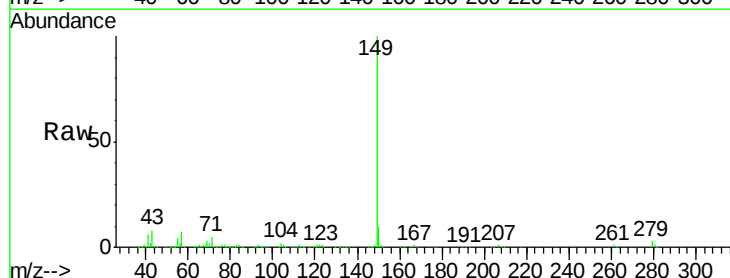
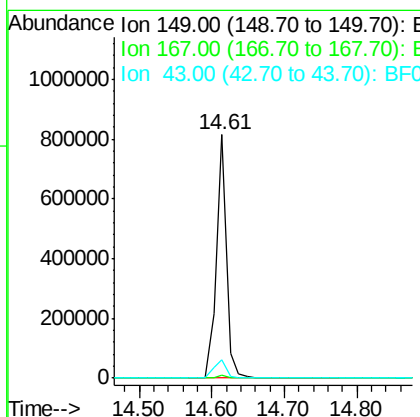
RT: 14.61 min Scan# 1096

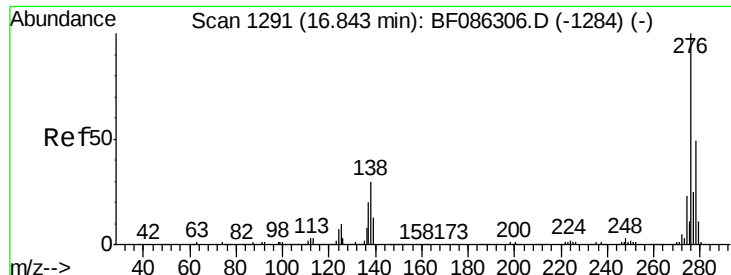
Delta R.T. -0.03 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Tgt Ion:	149	Resp:	786082
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	9.4	9.1	13.7





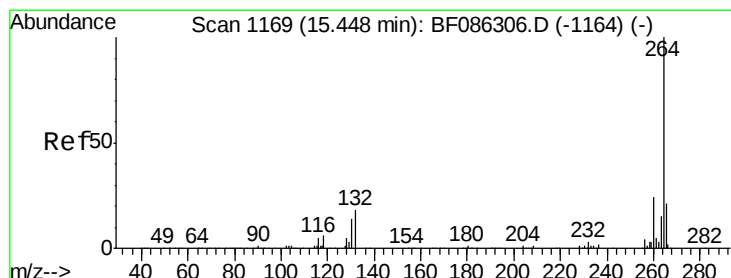
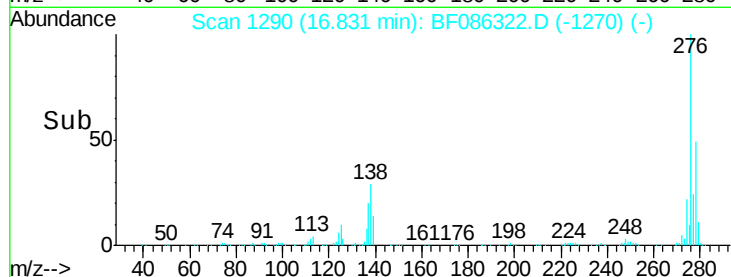
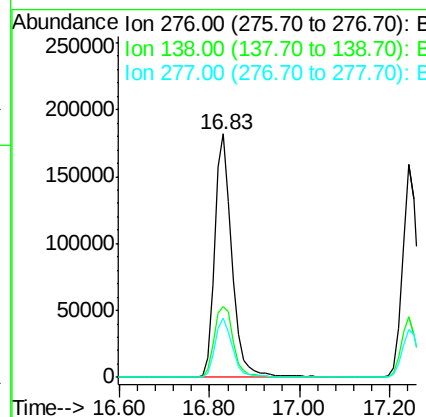
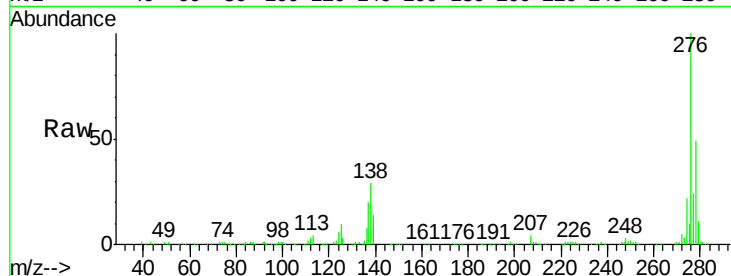
#85
Indeno(1,2,3-cd)pyrene
Concen: 16.91 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.07 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.9	23.8	35.6
277	24.6	20.2	30.2

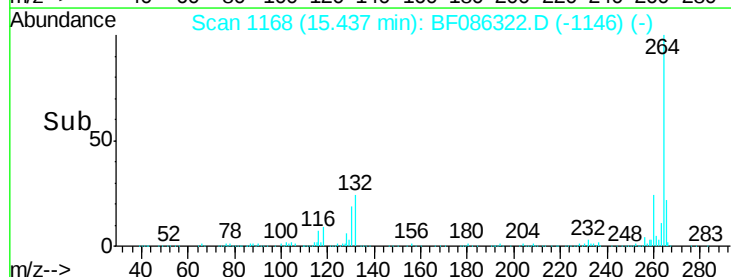
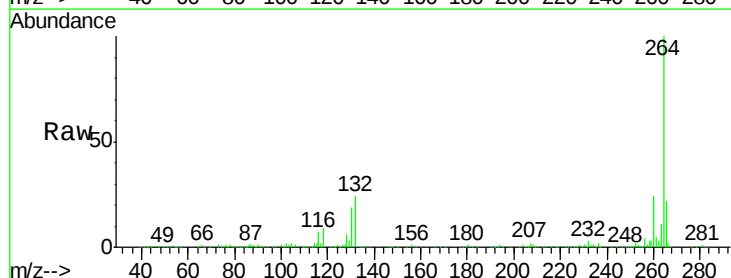
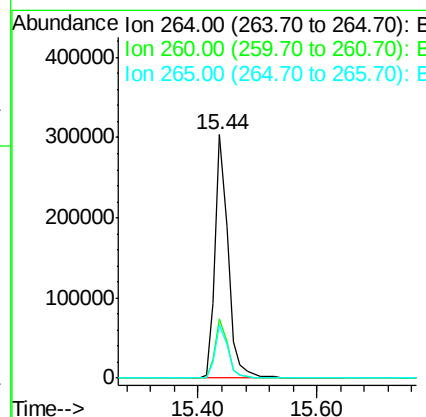
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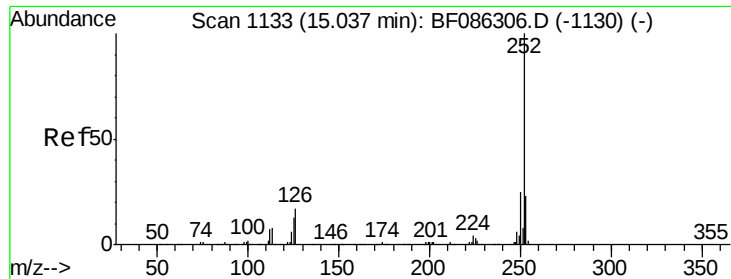
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.05 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.0	30.0
265	21.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 10.36 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.05 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

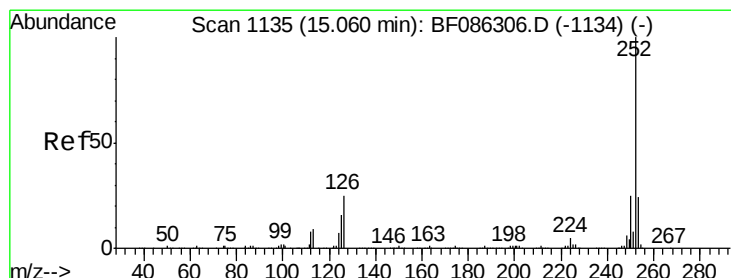
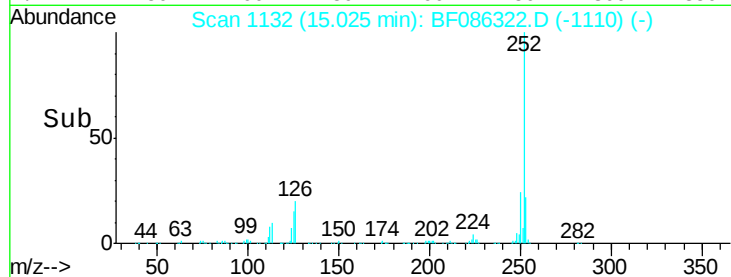
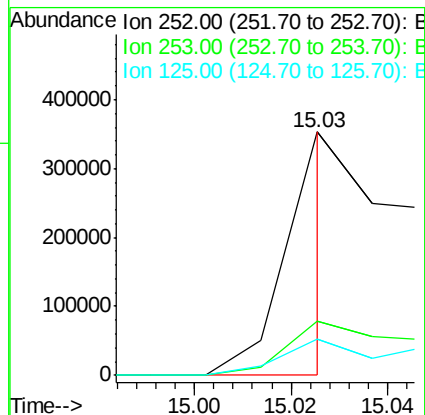
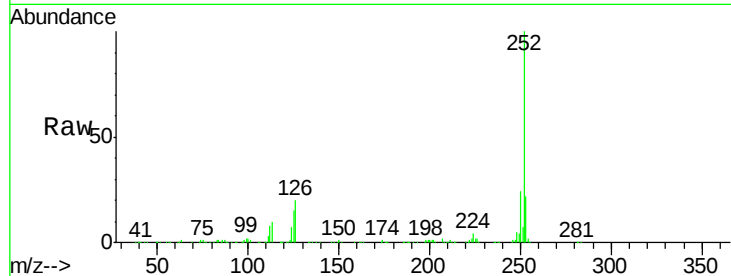
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	252	Resp:	276865
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.7	26.5
125	14.7	10.3	15.5

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#88

Benzo(k)fluoranthene

Concen: 24.78 ng m

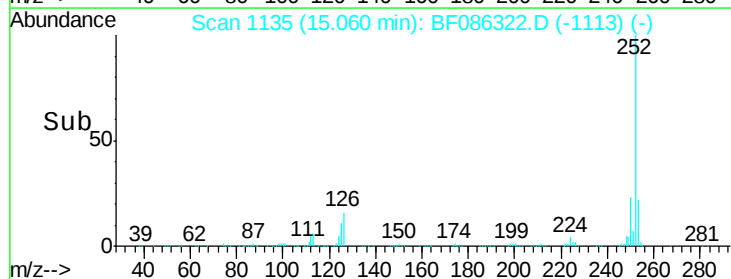
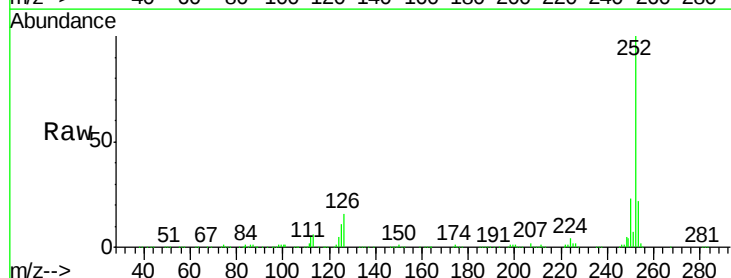
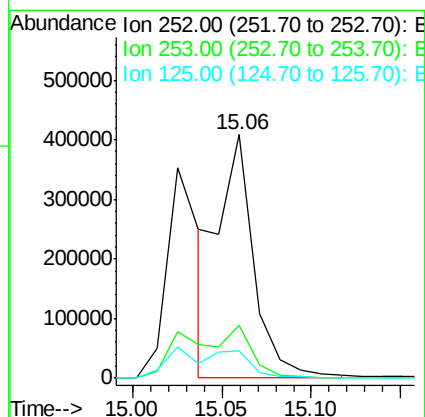
RT: 15.06 min Scan# 1135

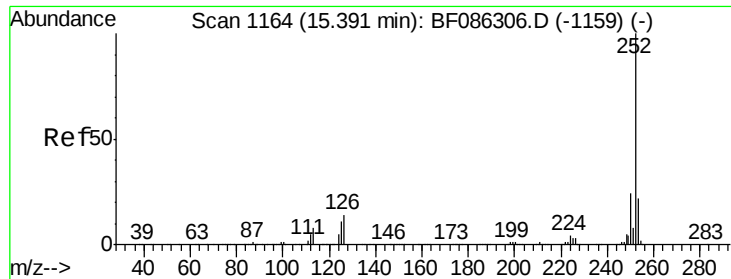
Delta R.T. -0.05 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Tgt Ion:	252	Resp:	557442
Ion Ratio		Lower	Upper
252	100		
253	21.7	17.5	26.3
125	11.0	7.8	11.6





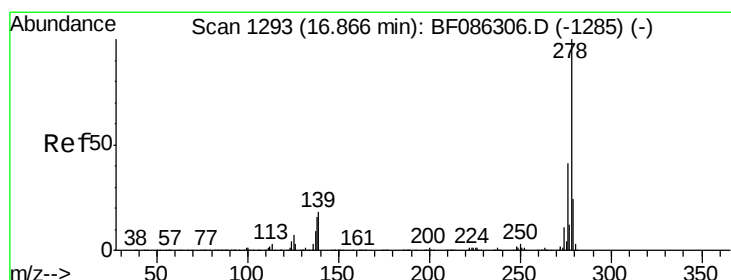
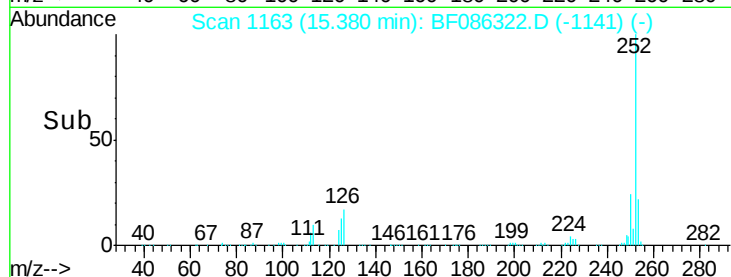
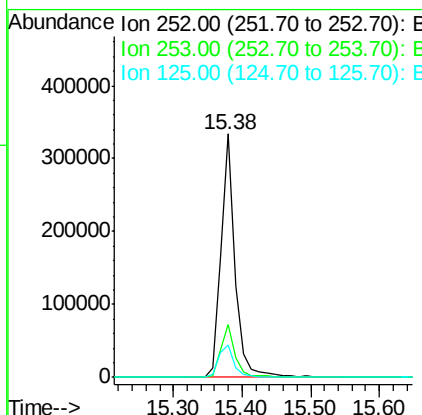
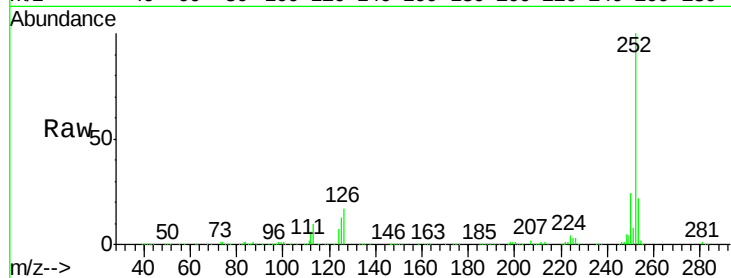
#89
Benzo(a)pyrene
Concen: 19.47 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.05 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	13.3	11.2	16.8

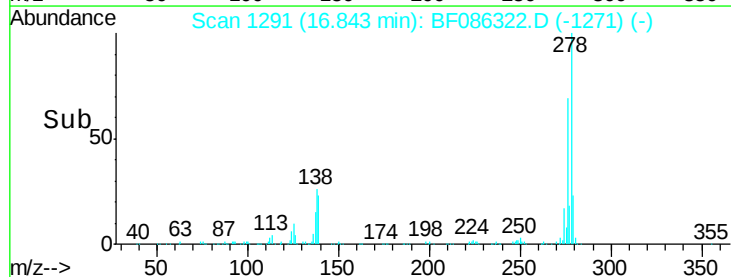
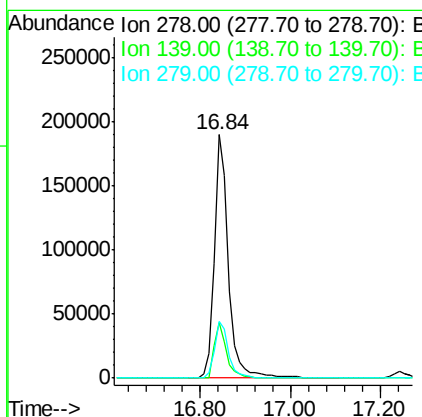
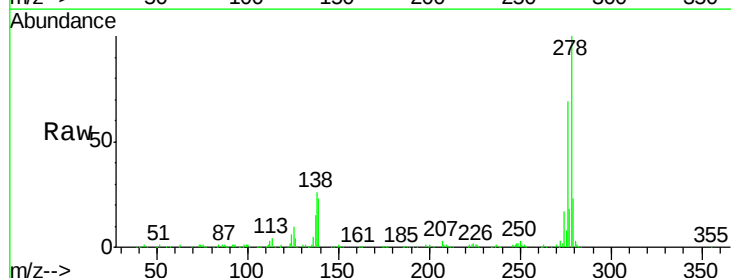
Manual Integrations
APPROVED

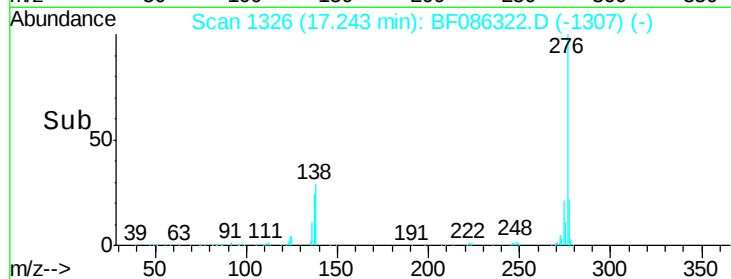
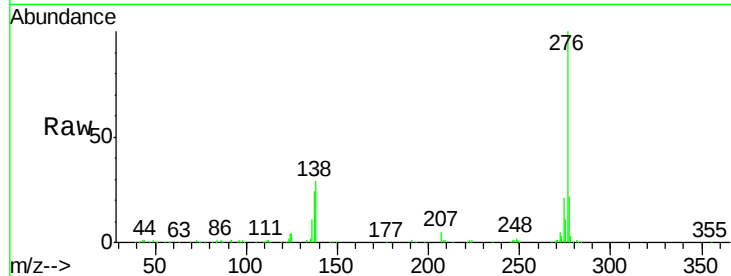
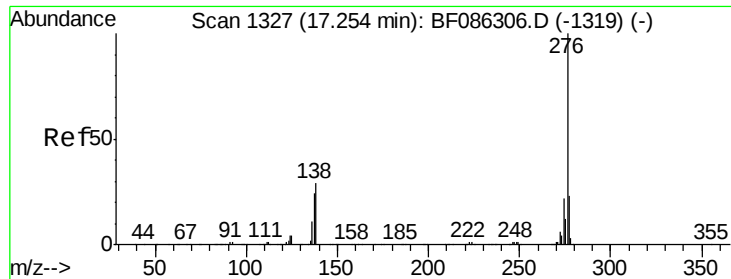
sohil
4/21/2016 7:10:44 PM



#90
Dibenzo(a,h)anthracene
Concen: 19.11 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.07 min
Lab File: BF086322.D
Acq: 20 Apr 2016 21:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.0	15.3	22.9#
279	23.3	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 18.83 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.08 min

Lab File: BF086322.D

Acq: 20 Apr 2016 21:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	276	Resp:	388292
Ion Ratio	Lower	Upper	
276	100		
277	22.4	19.0	28.6
138	28.6	19.6	29.4

Manual Integrations
APPROVED

sohil
4/21/2016 7:10:44 PM

