

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086169.D
 Acq On : 8 Apr 2016 15:39
 Operator : UM/SJ
 Sample : H1824-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Manual Integrations
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 4/11/2016 5:45:10 PM

Quant Time: Apr 11 14:01:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	122969	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	503707	20.00	ng	-0.06
38) Acenaphthene-d10	9.77	164	248392	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	453190	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	374024	20.00	ng	-0.05
86) Perylene-d12	15.28	264	264699	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	934032	129.83	ng	-0.03
7) Phenol-d6	6.38	99	1194974	130.77	ng	-0.03
23) Nitrobenzene-d5	7.30	82	709095	83.02	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	288510	123.75	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1346237	90.11	ng	-0.05
78) Terphenyl-d14	12.83	244	1156918	72.71	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	48546	14.23	ng	90
3) Pyridine	3.09	79	95429m	12.50	ng	
4) n-Nitrosodimethylamine	2.96	42	56700	16.89	ng	95
6) Aniline	6.40	93	79690	6.65	ng	# 1
8) 2-Chlorophenol	6.51	128	149439	17.42	ng	88
9) Benzaldehyde	6.28	77	115472	23.48	ng	89
10) Phenol	6.40	94	165952	15.92	ng	95
11) bis(2-Chloroethyl)ether	6.46	93	142523	17.27	ng	92
12) 1,3-Dichlorobenzene	6.67	146	150625	16.57	ng	98
13) 1,4-Dichlorobenzene	6.74	146	155667	16.62	ng	99
14) 1,2-Dichlorobenzene	6.90	146	141570	16.42	ng	98
15) Benzyl Alcohol	6.89	79	111478	18.86	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	170037	16.86	ng	85
17) 2-Methylphenol	7.00	107	121581	17.97	ng	97
18) Hexachloroethane	7.23	117	57593	16.71	ng	# 83
19) n-Nitroso-di-n-propylamine	7.15	70	106789	18.85	ng	99
20) 3+4-Methylphenols	7.16	107	159337	19.37	ng	# 62
22) Acetophenone	7.14	105	212317	17.93	ng	# 94
24) Nitrobenzene	7.31	77	148784	15.92	ng	95
25) Isophorone	7.55	82	277633	16.47	ng	98
26) 2-Nitrophenol	7.64	139	74119	16.58	ng	94
27) 2,4-Dimethylphenol	7.68	122	128470	16.00	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	180673	18.26	ng	97
29) 2,4-Dichlorophenol	7.88	162	126953	18.70	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	129055	16.94	ng	93
31) Naphthalene	8.03	128	428327	16.91	ng	99
32) Benzoic acid	7.80	122	70194	11.92	ng	99
33) 4-Chloroaniline	8.10	127	40405	3.95	ng	96
34) Hexachlorobutadiene	8.14	225	64939	15.85	ng	99
35) Caprolactam	8.45	113	42568	19.77	ng	# 85
36) 4-Chloro-3-methylphenol	8.59	107	133871	17.54	ng	89
37) 2-Methylnaphthalene	8.73	142	302532	18.28	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	116399	15.59	ng	98
40) Hexachlorocyclopentadiene	8.88	237	18013	14.03	ng	97

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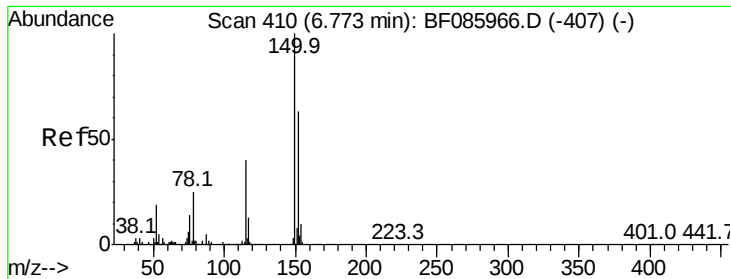
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	81380	16.98	nq	98
43) 2,4,5-Trichlorophenol	9.06	196	83878	17.23	nq	# 89
45) 1,1'-Biphenyl	9.18	154	344668	16.09	nq	98
46) 2-Chloronaphthalene	9.21	162	253770	16.35	nq	# 91
47) 2-Nitroaniline	9.32	65	78914	17.37	nq	87
48) Acenaphthylene	9.63	152	427513	17.19	nq	98
49) Dimethylphthalate	9.49	163	325120	17.66	nq	99
50) 2,6-Dinitrotoluene	9.56	165	71164	18.27	nq	# 75
51) Acenaphthene	9.79	154	244661	16.54	nq	99
52) 3-Nitroaniline	9.73	138	15374	3.27	nq	94
53) 2,4-Dinitrophenol	9.86	184	17572	13.34	nq	# 79
54) Dibenzofuran	9.97	168	370972	18.99	nq	97
55) 4-Nitrophenol	9.92	139	31006	11.20	nq	# 65
56) 2,4-Dinitrotoluene	9.97	165	82688	16.80	nq	# 77
57) Fluorene	10.32	166	295102	17.68	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	65067	17.95	nq	96
59) Diethylphthalate	10.19	149	331604	17.85	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	144123	18.54	nq	93
61) 4-Nitroaniline	10.34	138	57805	12.50	nq	82
62) Azobenzene	10.46	77	353632	19.87	nq	97
64) 4,6-Dinitro-2-methylphenol	10.38	198	34965	12.73	nq	# 62
65) n-Nitrosodiphenylamine	10.43	169	257953	18.20	nq	98
66) 4-Bromophenyl-phenylether	10.80	248	80362	17.37	nq	# 89
67) Hexachlorobenzene	10.86	284	81382	17.01	nq	95
68) Atrazine	10.96	200	81645	17.83	nq	99
69) Pentachlorophenol	11.06	266	26969	12.03	nq	98
70) Phenanthrene	11.26	178	433967	17.55	nq	99
71) Anthracene	11.32	178	455354	17.58	nq	99
72) Carbazole	11.48	167	397376	17.85	nq	99
73) Di-n-butylphthalate	11.81	149	521723	18.91	nq	99
74) Fluoranthene	12.45	202	419505	16.31	nq	97
77) Pyrene	12.68	202	436664	16.57	nq	100
79) Butylbenzylphthalate	13.30	149	188049	15.85	nq	# 67
80) Benzo(a)anthracene	13.87	228	358744	16.27	nq	99
82) Chrysene	13.91	228	315491	14.86	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	276580	17.56	nq	100
84) Di-n-octyl phthalate	14.47	149	448480	17.83	nq	99
85) Indeno(1,2,3-cd)pyrene	16.61	276	237143	13.76	nq	99
87) Benzo(b)fluoranthene	14.89	252	302072m	18.14	nq	
88) Benzo(k)fluoranthene	14.91	252	255784m	17.35	nq	
89) Benzo(a)pyrene	15.22	252	249434	16.91	nq	99
90) Dibenzo(a,h)anthracene	16.61	278	202471	17.06	nq	98
91) Benzo(g,h,i)perylene	17.00	276	194377	16.92	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

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Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

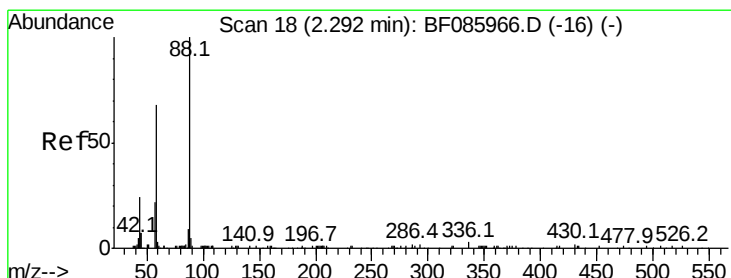
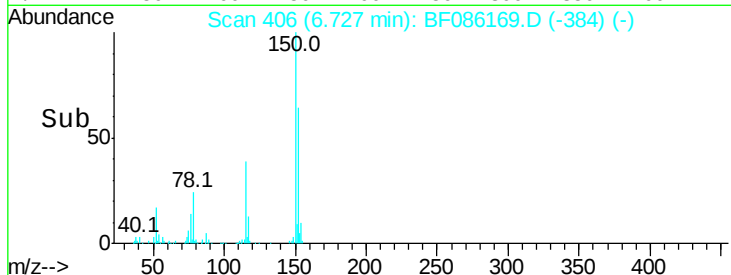
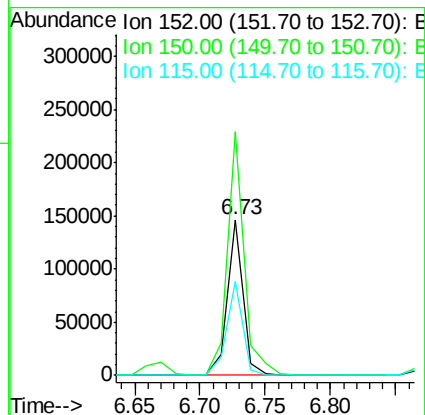
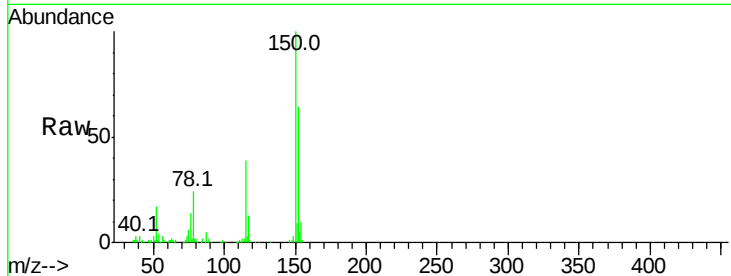
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.2	186.2
115	60.6	47.0	70.6

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#2

1,4-Dioxane

Concen: 14.23 ng

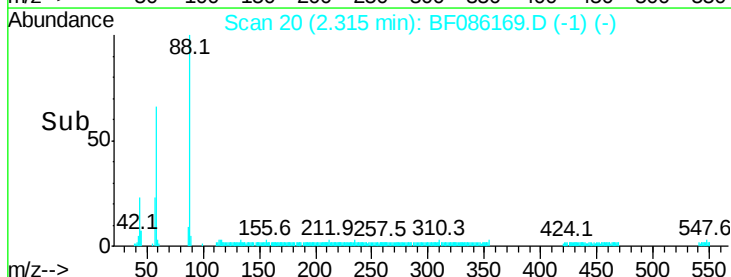
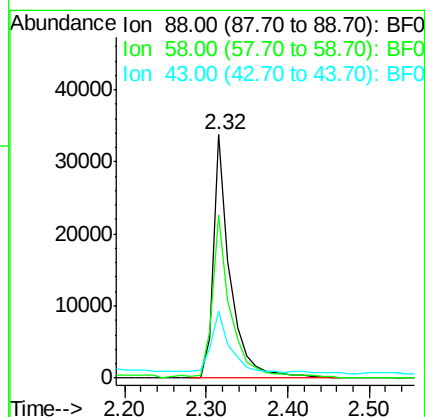
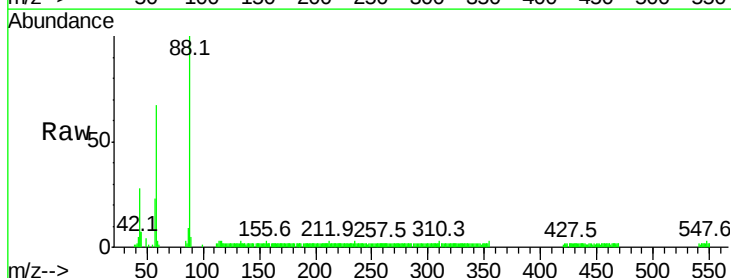
RT: 2.32 min Scan# 20

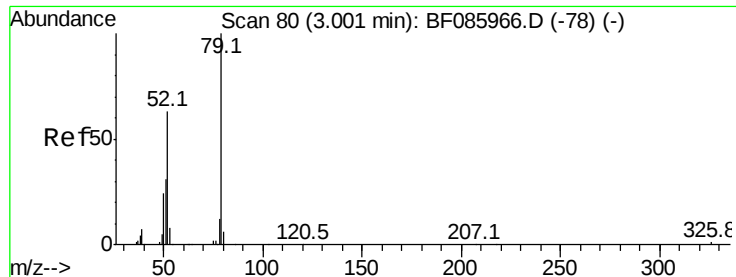
Delta R.T. 0.02 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.4	54.2	81.2
43	28.3	19.3	28.9





#3

Pvridine

Concen: 12.50 ng/ml

RT: 3.09 min Scan# 88

Delta R.T. 0.09 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

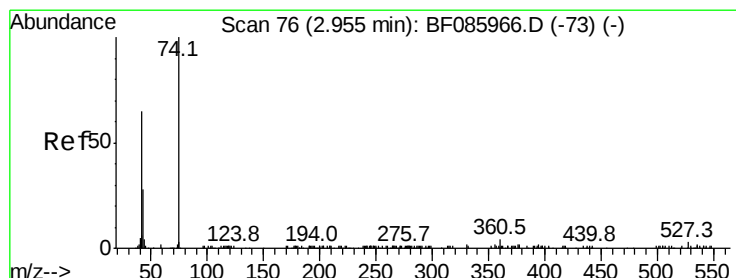
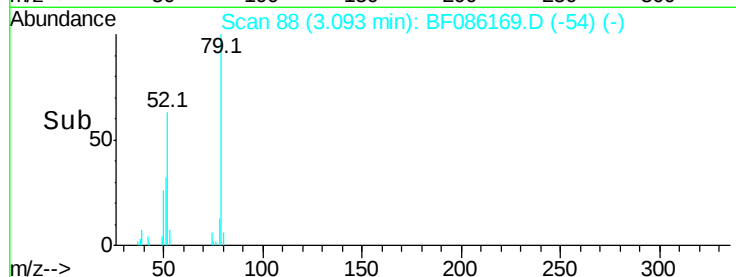
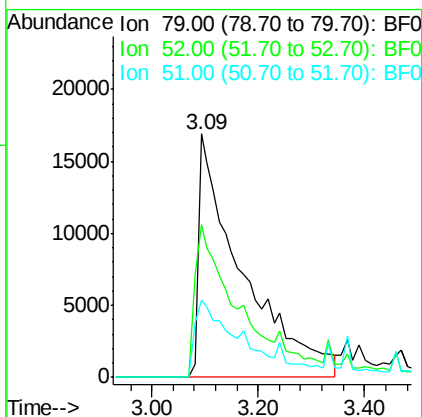
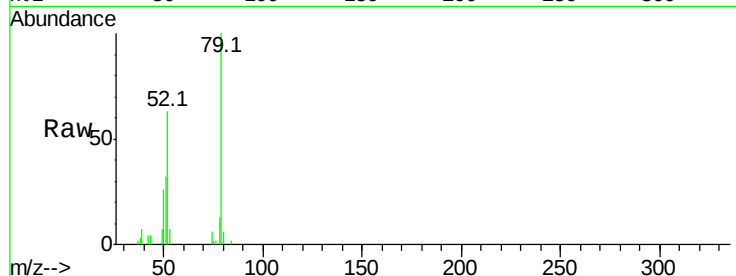
ClientSampleId :

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Tot Ion:	79	Resp:	95429
Ion Ratio	Lower	Upper	
79	100		
52	62.8	49.8	74.6
51	32.0	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 16.89 ng/ml

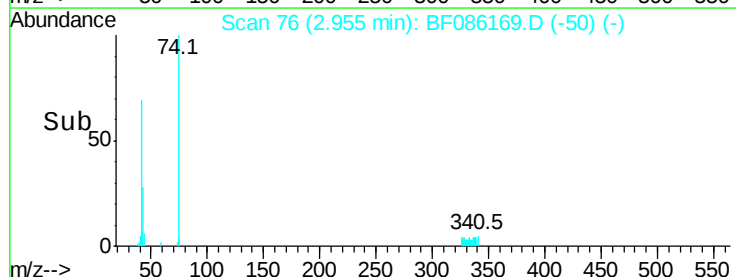
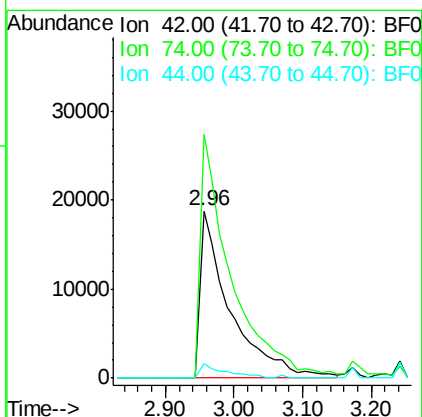
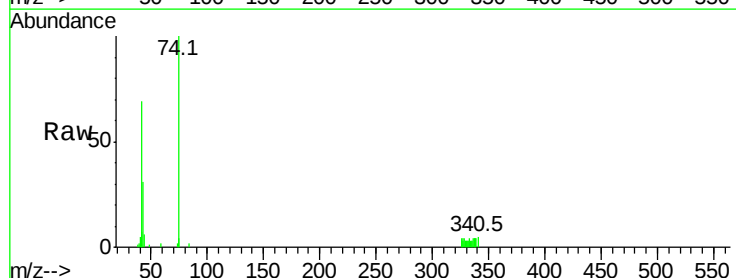
RT: 2.96 min Scan# 76

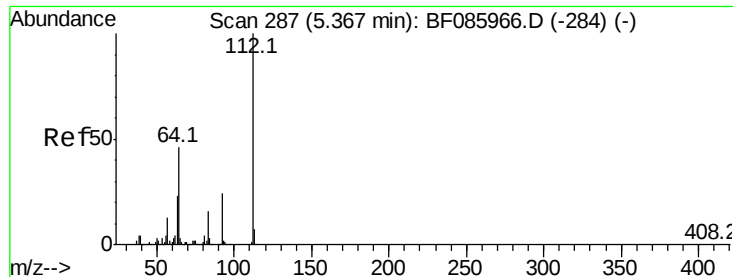
Delta R.T. 0.00 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion:	42	Resp:	56700
Ion Ratio	Lower	Upper	
42	100		
74	145.4	121.4	182.2
44	8.3	5.6	8.4





#5

2-Fluorophenol

Concen: 129.83 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

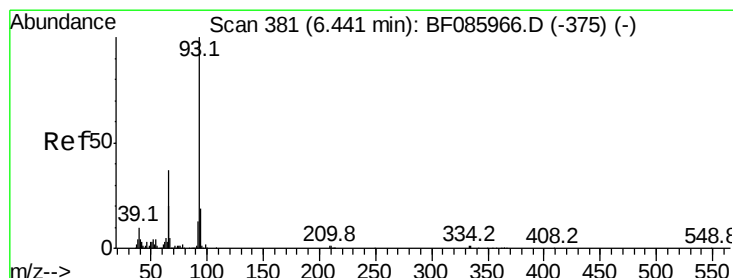
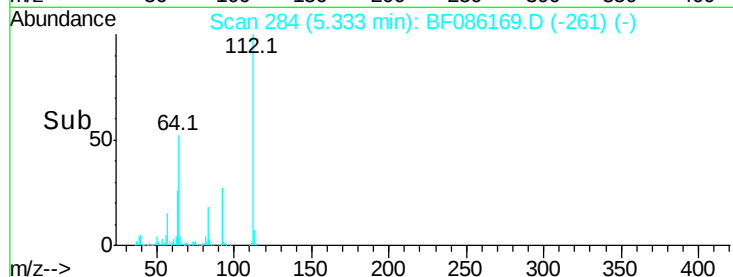
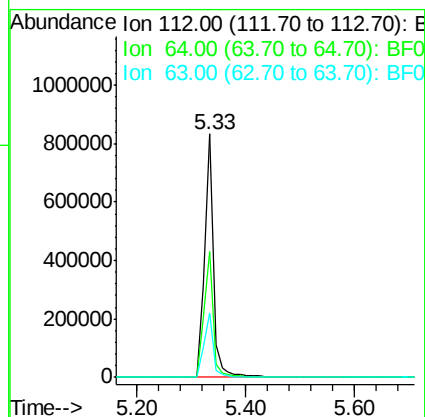
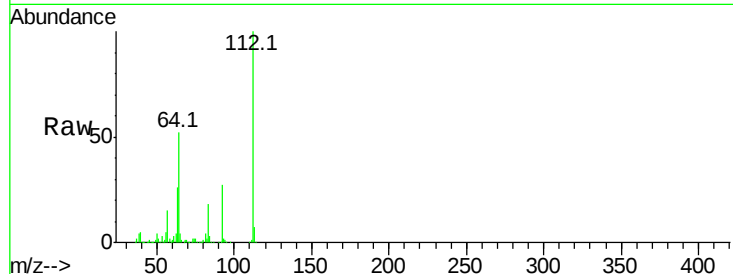
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
112	100			
64	51.8	39.9	59.9	
63	26.2	20.2	30.2	



#6

Aniline

Concen: 6.65 ng

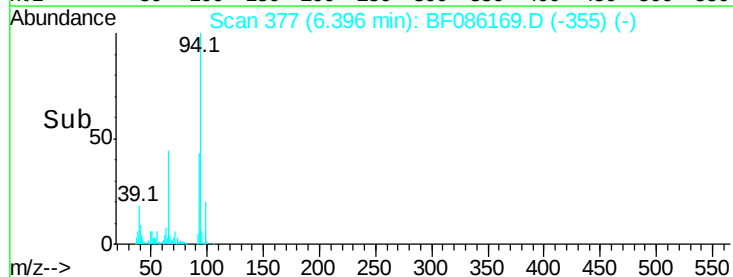
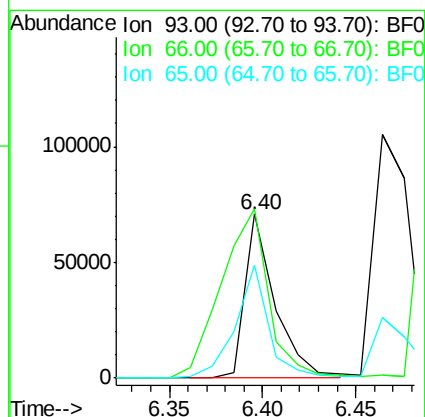
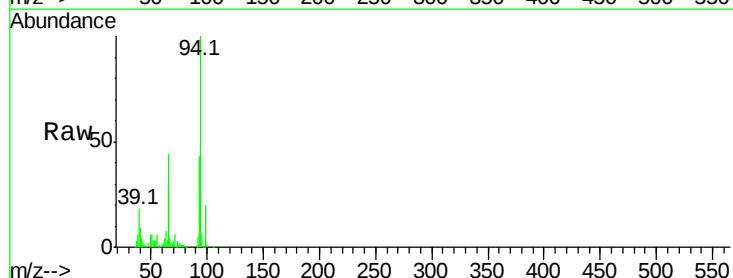
RT: 6.40 min Scan# 377

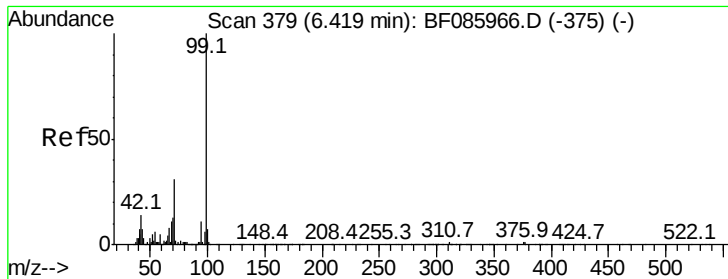
Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
66	103.7	31.4	47.2#	
65	68.7	15.7	23.5#	





#7

Phenol-d6

Concen: 130.77 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tot Ion: 99 Resp: 1194974

Ion Ratio Lower Upper

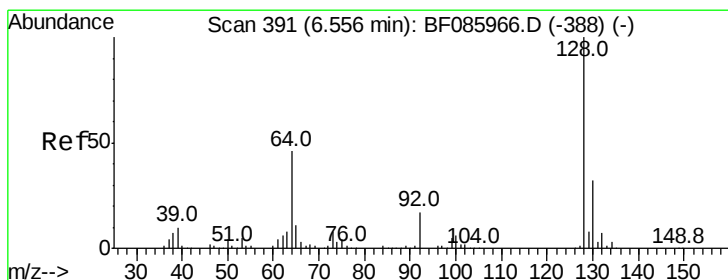
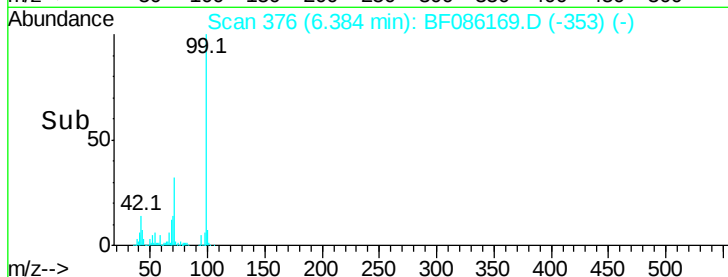
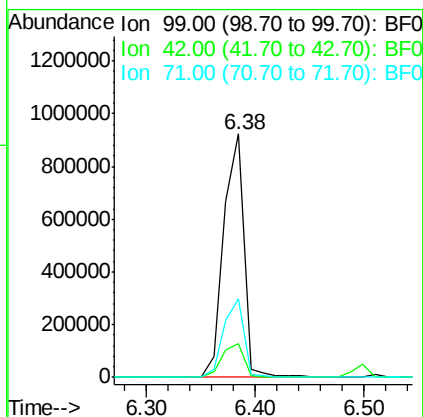
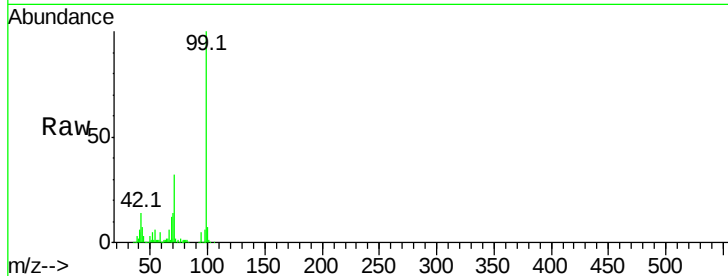
99 100

42 13.7 11.1 16.7

71 32.2 24.9 37.3

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#8

2-Chlorophenol

Concen: 17.42 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

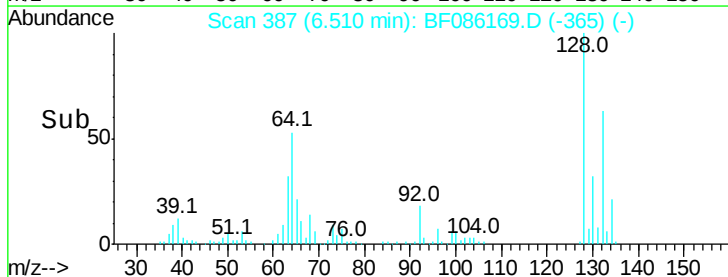
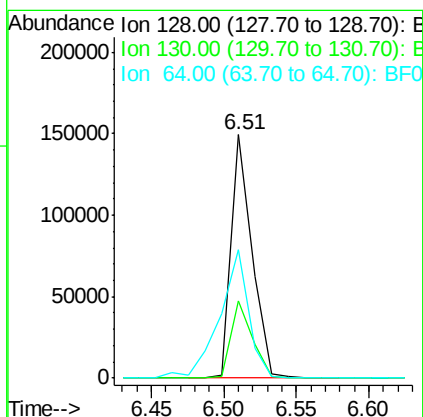
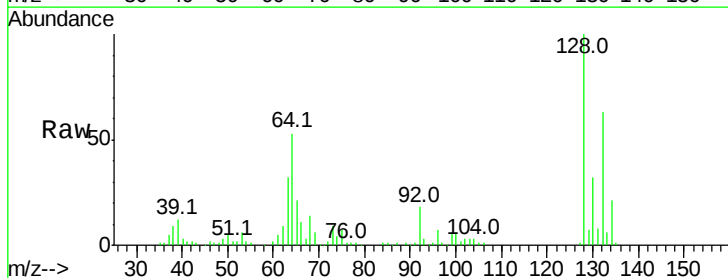
Tgt Ion:128 Resp: 149439

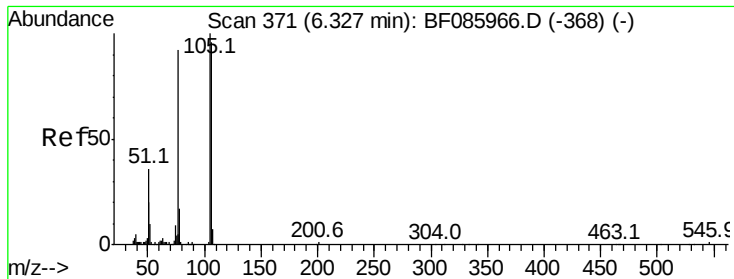
Ion Ratio Lower Upper

128 100

130 31.6 12.9 52.9

64 52.8 20.2 60.2





#9

Benzaldehyde

Concen: 23.48 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

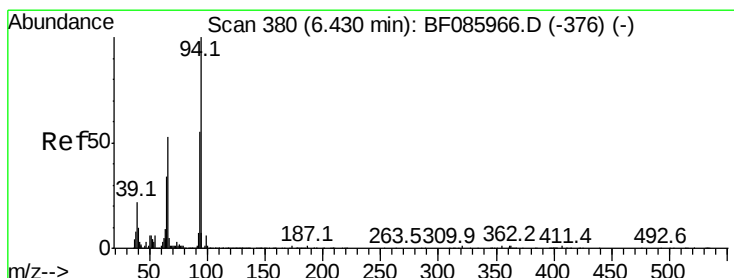
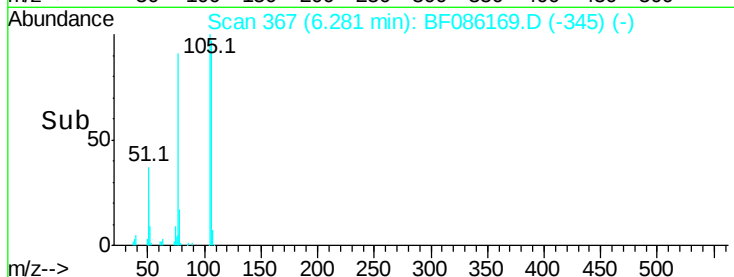
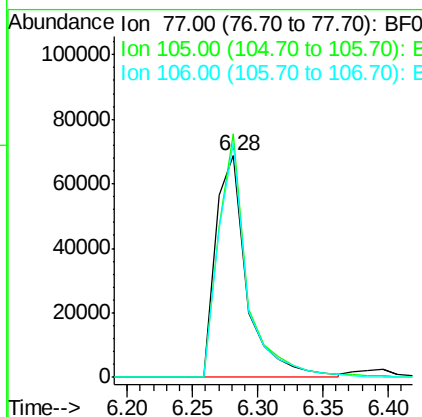
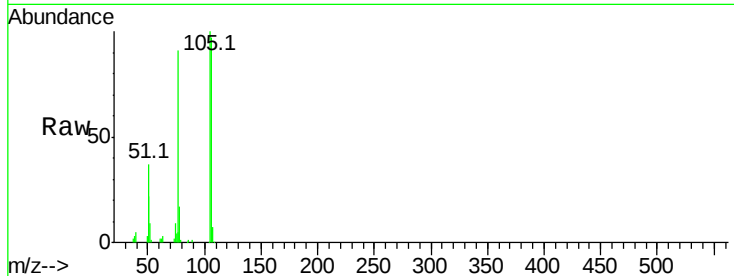
ClientSampleId :

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Tot Ion:	77	Resp:	115472
Ion Ratio	Lower	Upper	
77	100		
105	109.8	80.1	120.1
106	106.1	75.0	115.0

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#10

Phenol

Concen: 15.92 ng

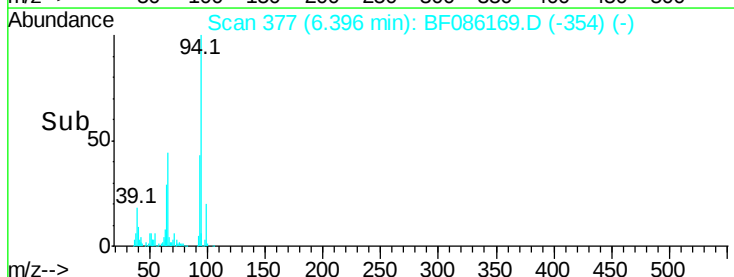
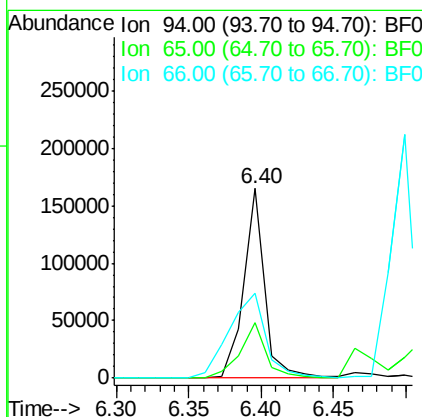
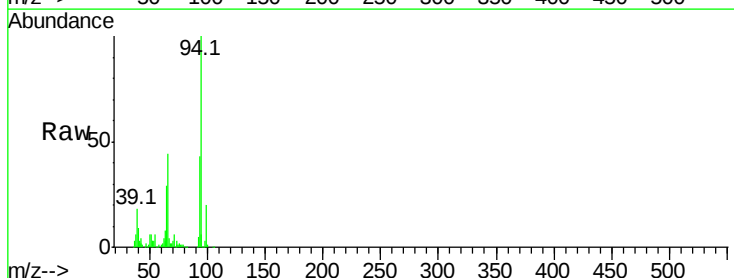
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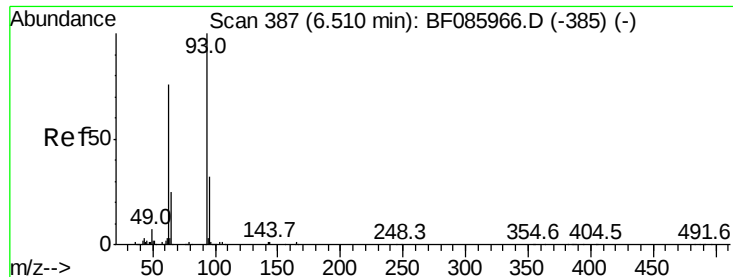
Delta R.T. -0.03 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion:	94	Resp:	165952
Ion Ratio	Lower	Upper	
94	100		
65	29.5	8.6	48.6
66	44.5	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 17.27 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

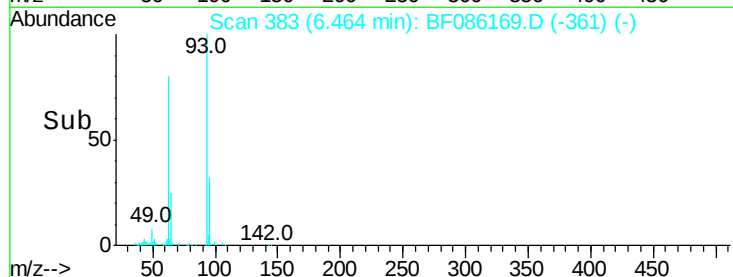
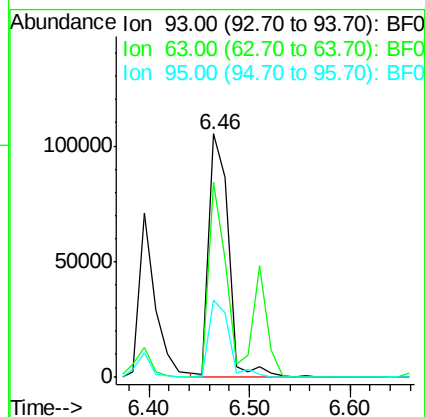
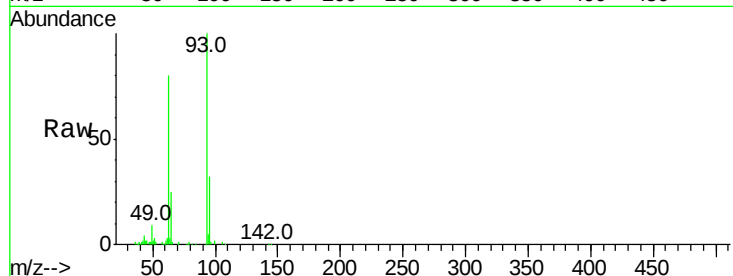
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	93	Resp:	142523
Ion Ratio	Lower	Upper	
93	100		
63	79.8	50.9	90.9
95	31.8	13.3	53.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 16.57 ng

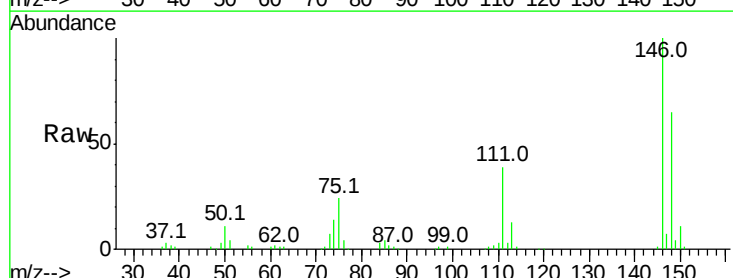
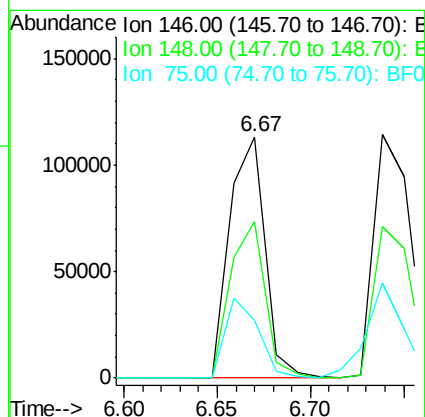
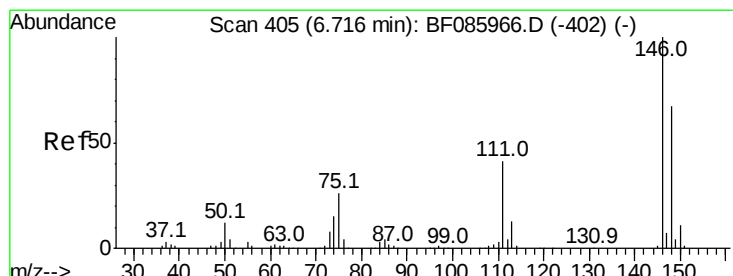
RT: 6.67 min Scan# 401

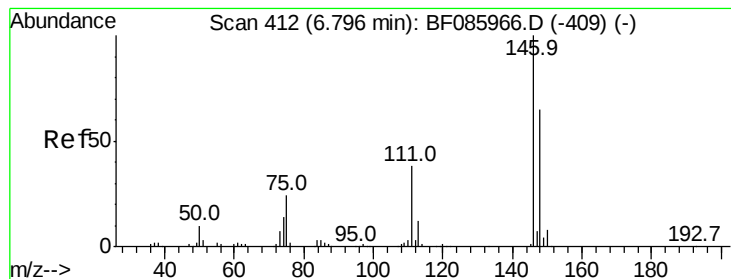
Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion:	146	Resp:	150625
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.3	78.5
75	23.8	17.4	26.2





#13

1,4-Dichlorobenzene

Concen: 16.62 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

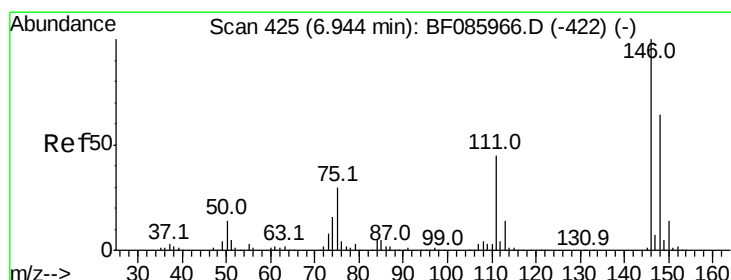
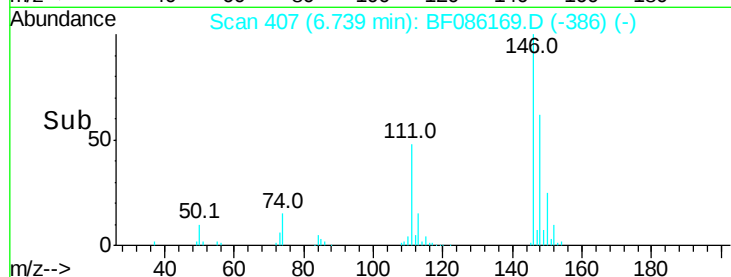
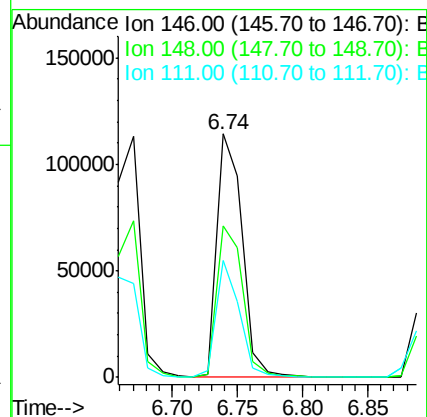
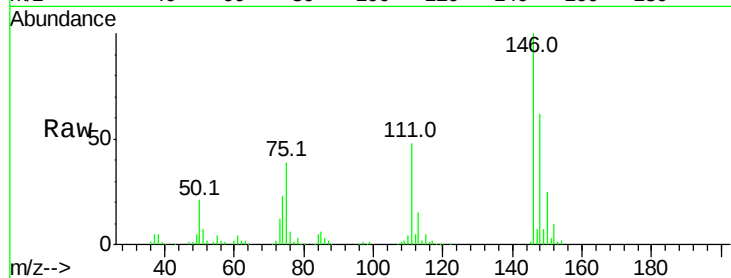
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	146	Resp:	155667
Ion Ratio	Lower	Upper	
146	100		
148	62.3	50.6	76.0
111	48.0	37.8	56.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 16.42 ng

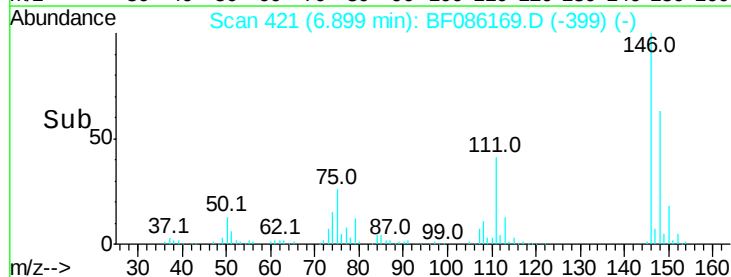
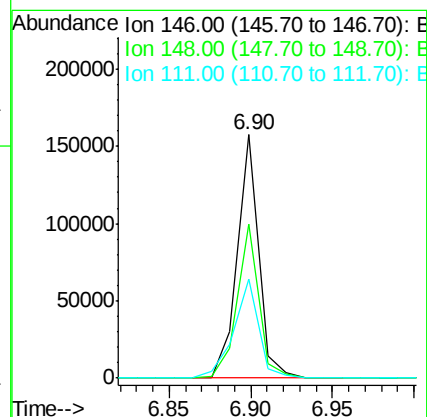
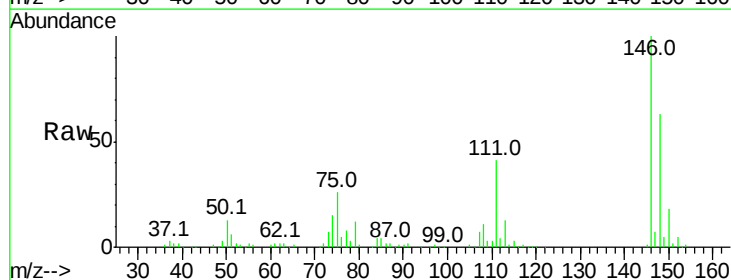
RT: 6.90 min Scan# 421

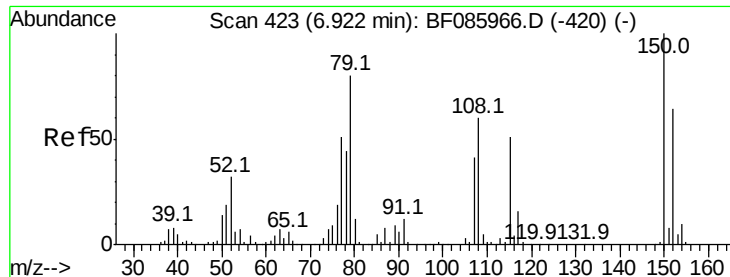
Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion:	146	Resp:	141570
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.4	77.2
111	40.7	34.6	52.0





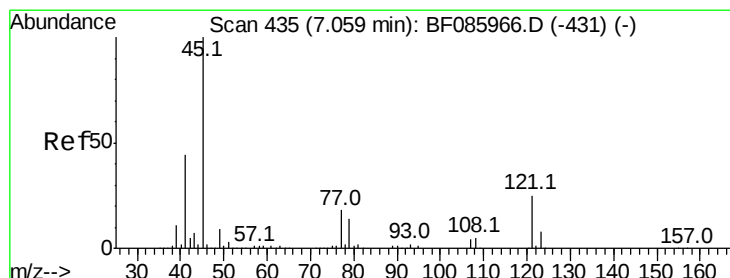
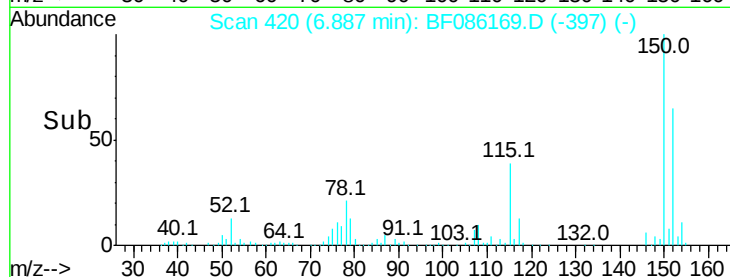
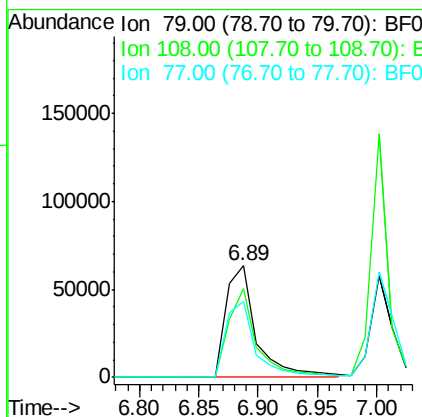
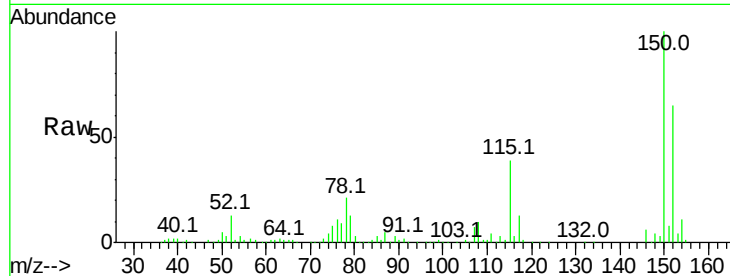
#15
Benzyl Alcohol
Concen: 18.86 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.6	61.8	92.6
77	68.2	49.6	74.4

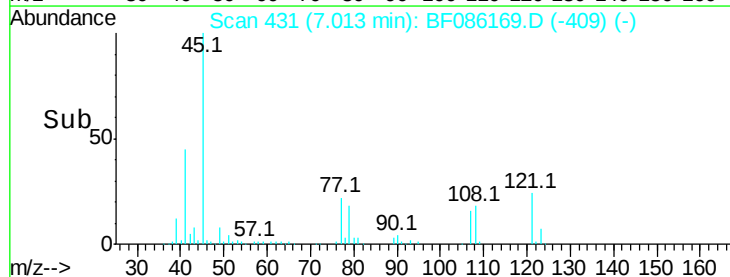
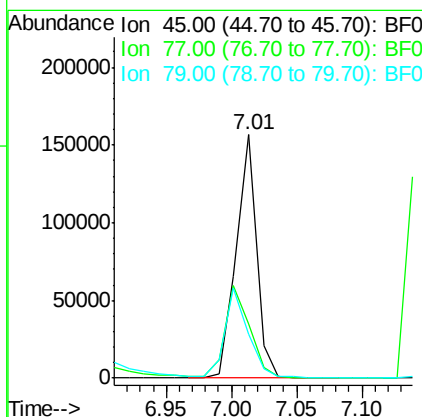
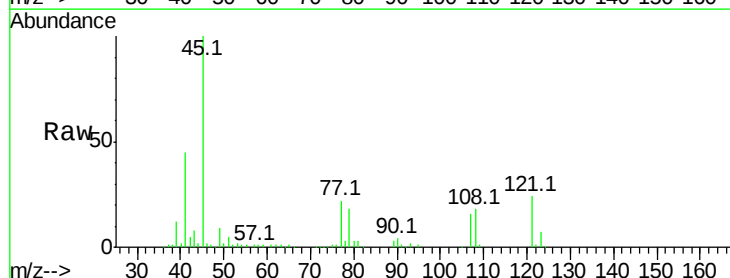
Manual Integrations
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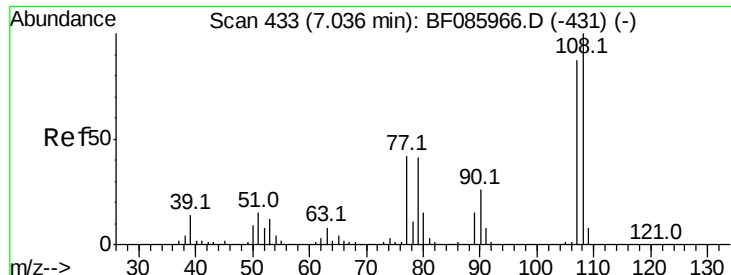
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 16.86 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.2	0.0	35.7
79	18.2	0.0	32.2





#17

2-Methylphenol

Concen: 17.97 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.03 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

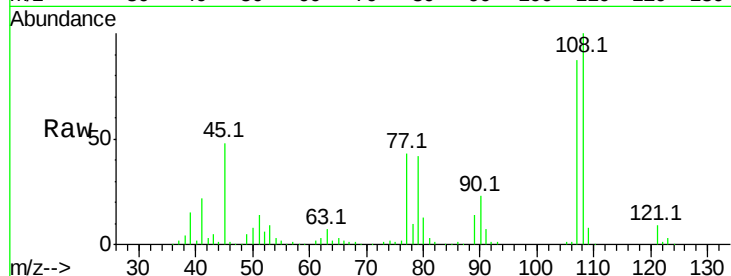
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	107	Resp:	121581
Ion Ratio	Lower	Upper	
107	100		
108	114.4	91.4	137.0
77	49.4	36.2	54.2
79	47.7	35.8	53.8

Manual Integrations
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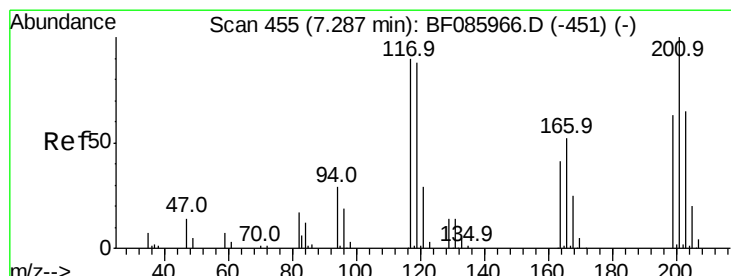
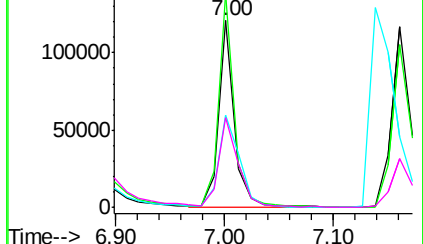
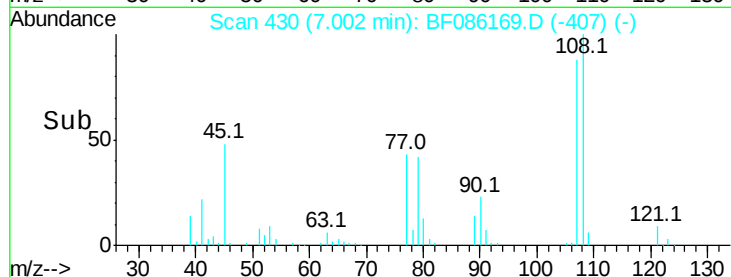


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 16.71 ng

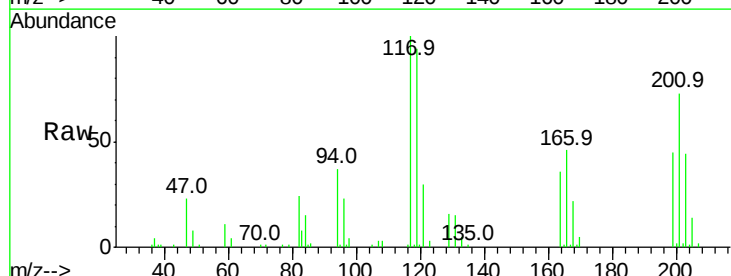
RT: 7.23 min Scan# 450

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

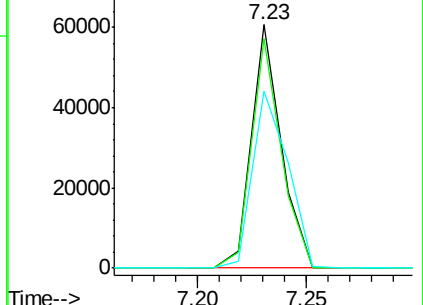
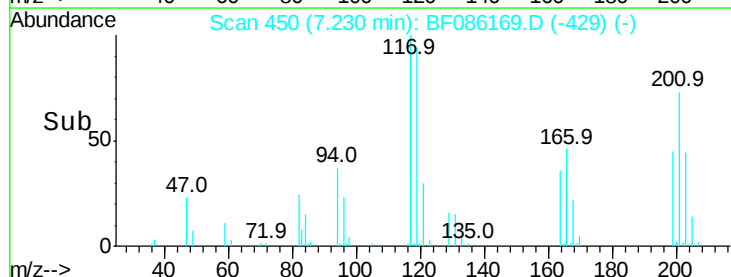
Tgt Ion:	117	Resp:	57593
Ion Ratio	Lower	Upper	
117	100		
119	94.4	76.7	115.1
201	72.6	83.3	124.9#

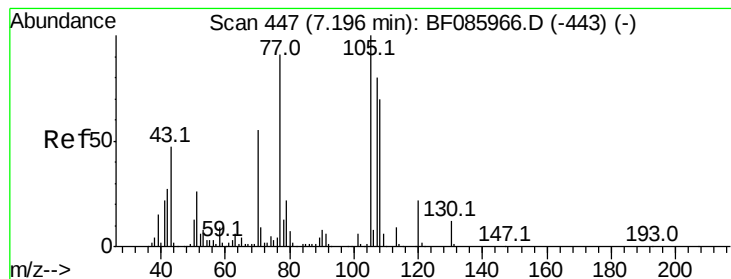


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 18.85 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF086169.D

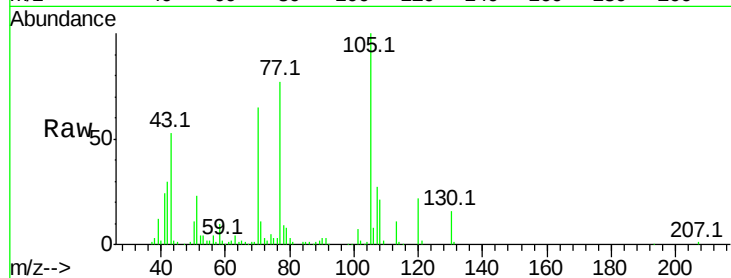
Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02



Tot Ion: 70 Resp: 106789

Ion Ratio Lower Upper

70 100

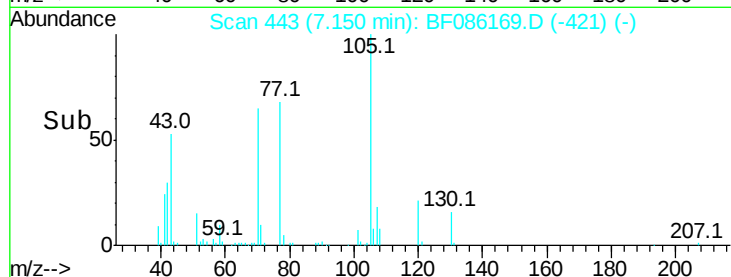
42 46.7 37.1 55.7

101 10.1 8.6 12.8

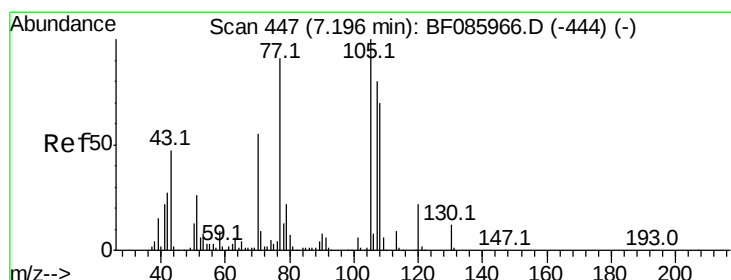
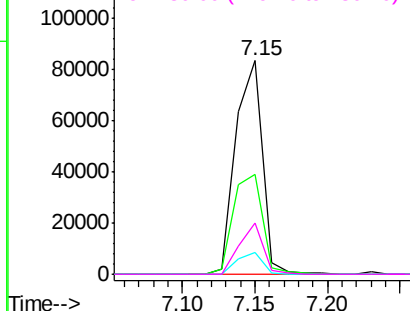
130 24.1 19.6 29.4

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Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 19.37 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion: 107 Resp: 159337

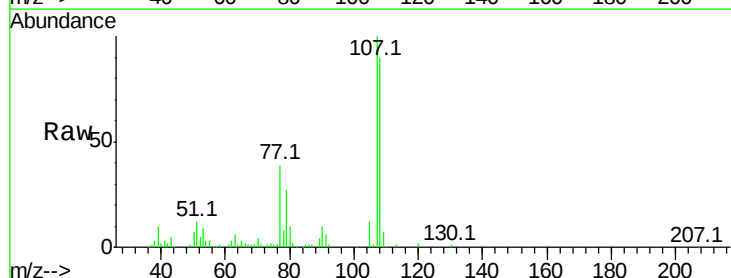
Ion Ratio Lower Upper

107 100

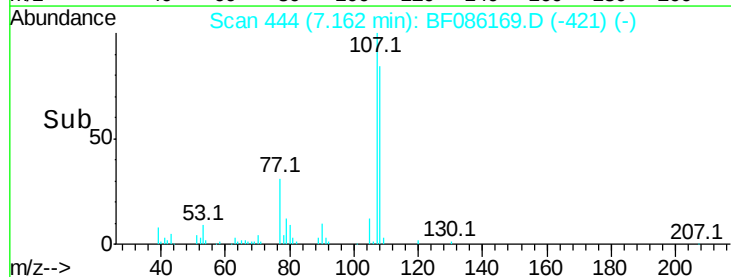
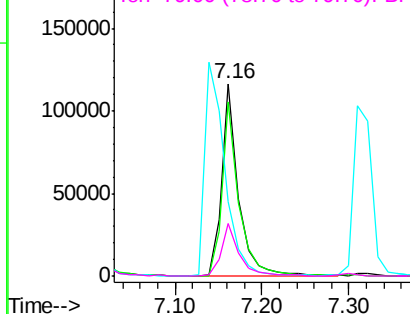
108 90.1 69.3 109.3

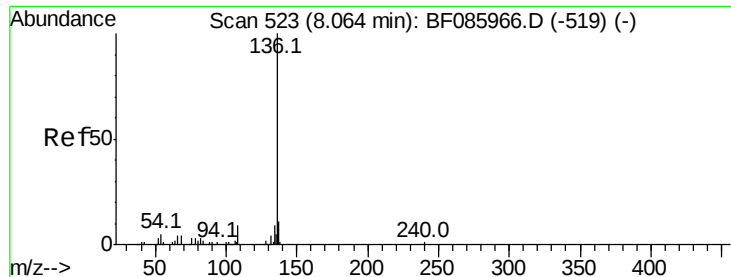
77 38.9 101.7 141.7#

79 27.3 8.3 48.3



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

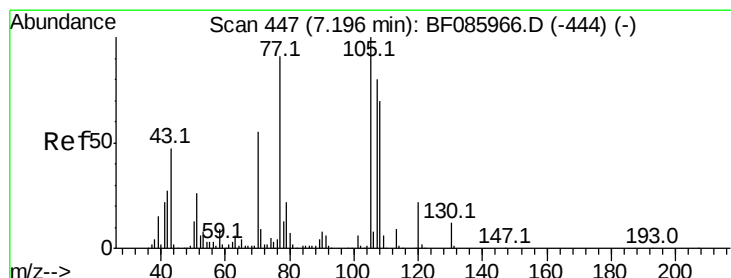
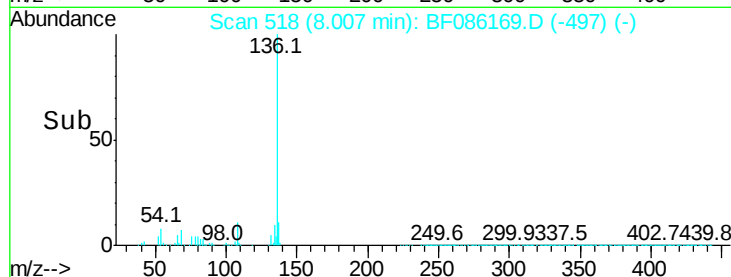
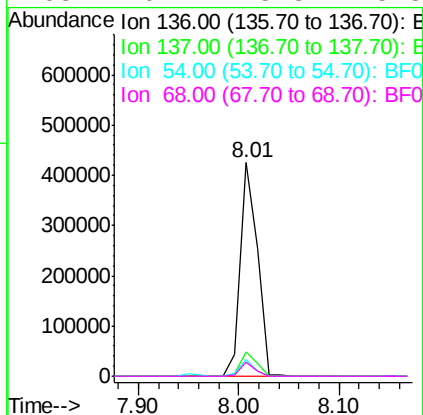
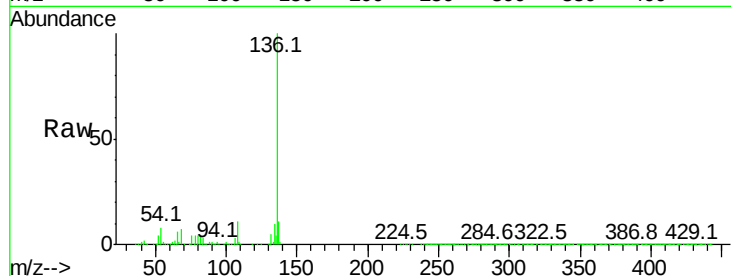
ClientSampleId :

LOQ-WATER2016-02

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.1	7.4	11.0
68	6.7	5.8	8.8

Manual Integrations
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#22

Acetophenone

Concen: 17.93 ng

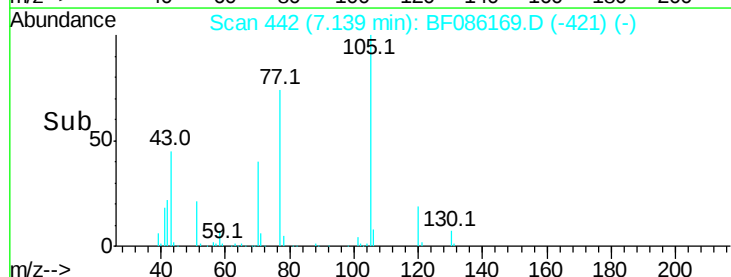
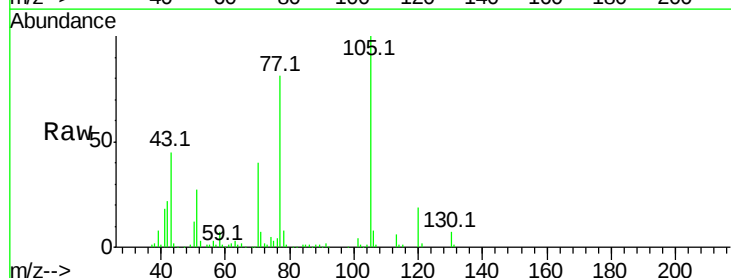
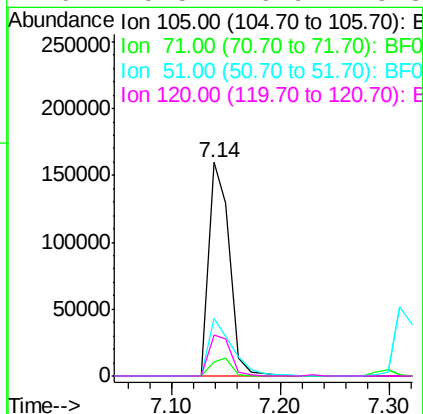
RT: 7.14 min Scan# 442

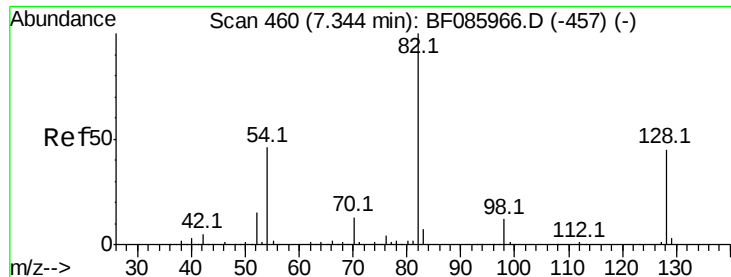
Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.6	3.6	5.4#
51	27.2	25.4	38.0
120	19.5	16.9	25.3





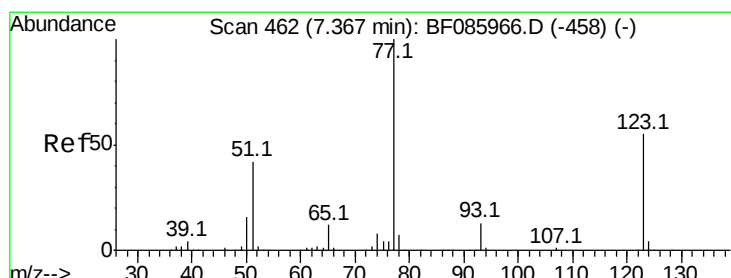
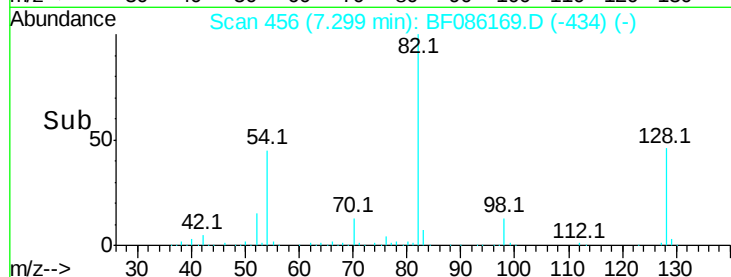
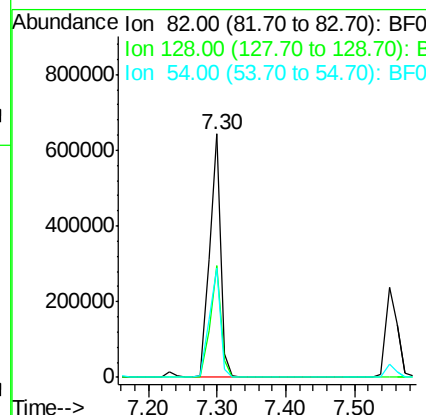
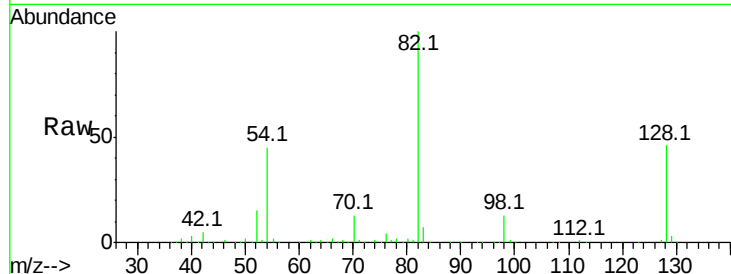
#23
Nitrobenzene-d5
Concen: 83.02 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
82	100	709095		
128	46.0		41.8	62.8
54	44.7		33.4	50.0

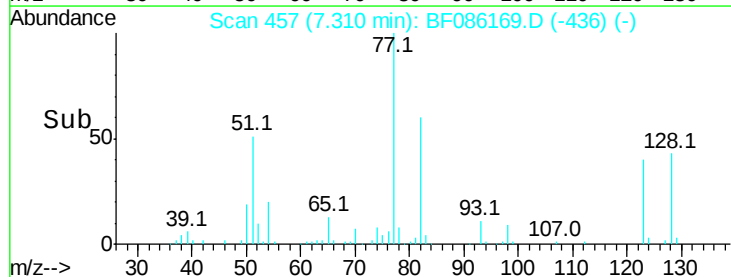
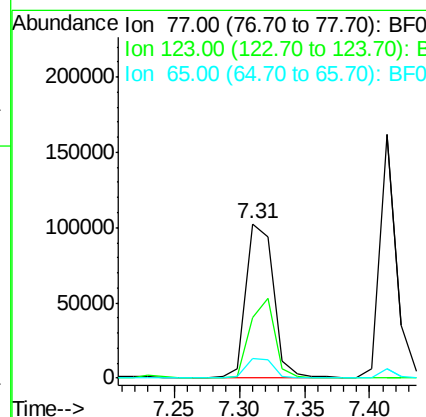
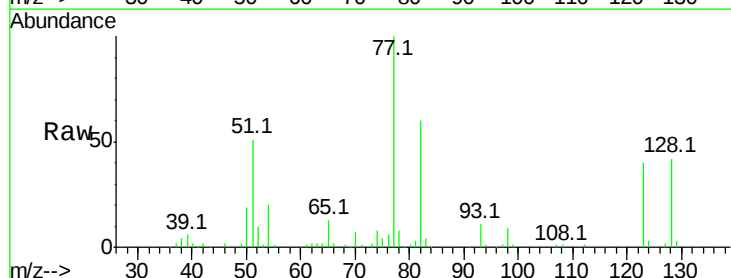
Manual Integrations
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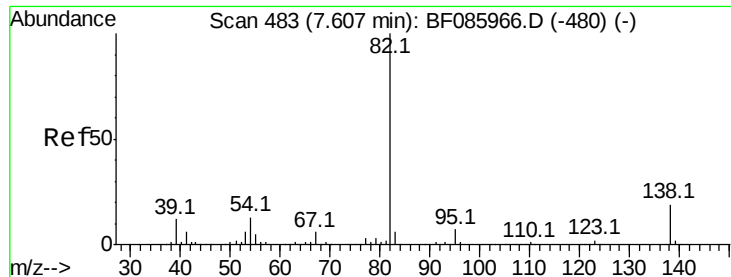
Sohil
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#24
Nitrobenzene
Concen: 15.92 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.06 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	148784		
123	39.5		35.0	52.4
65	13.0		10.6	16.0





#25

Isophorone

Concen: 16.47 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

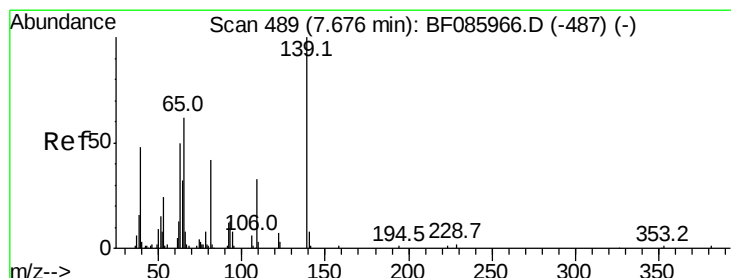
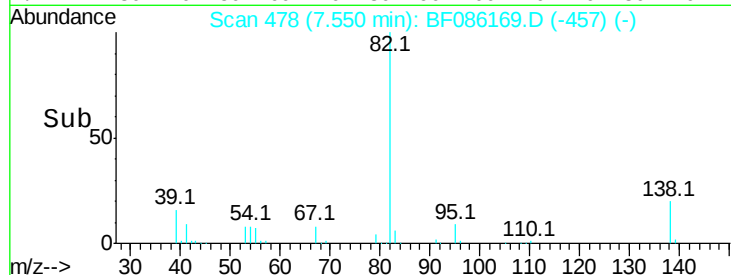
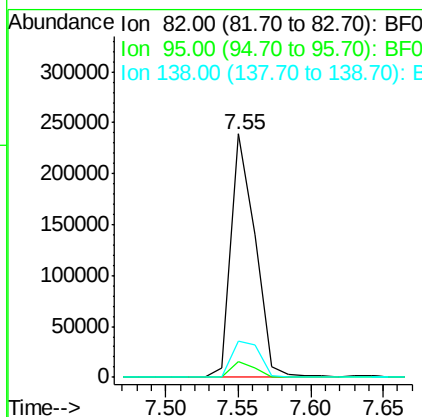
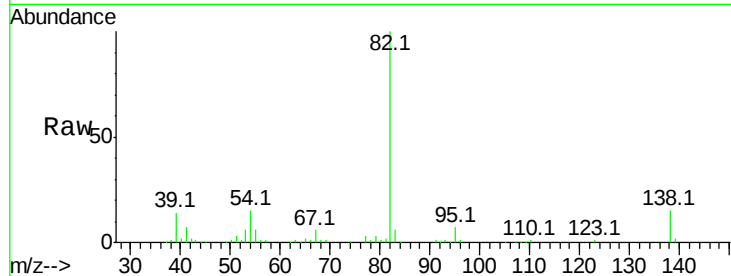
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	82	Resp:	277633
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.2
138	15.0	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 16.58 ng

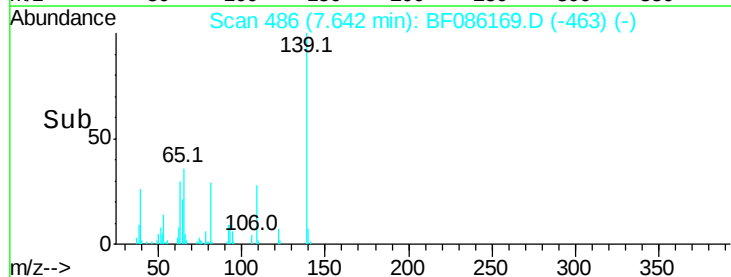
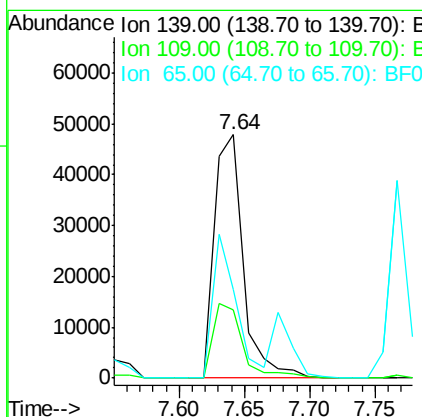
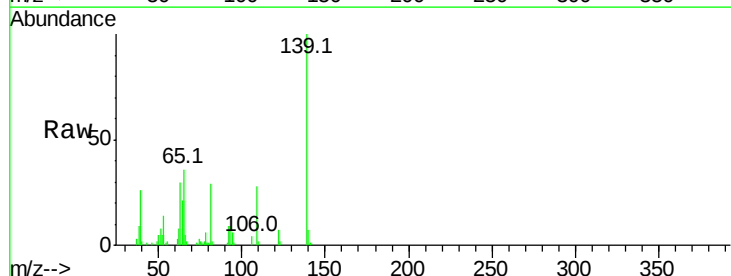
RT: 7.64 min Scan# 486

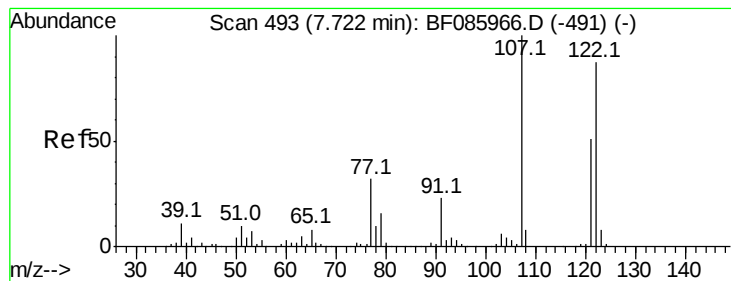
Delta R.T. -0.03 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion:	139	Resp:	74119
Ion Ratio	Lower	Upper	
139	100		
109	28.0	22.1	33.1
65	36.2	33.9	50.9





#27

2,4-Dimethylphenol

Concen: 16.00 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

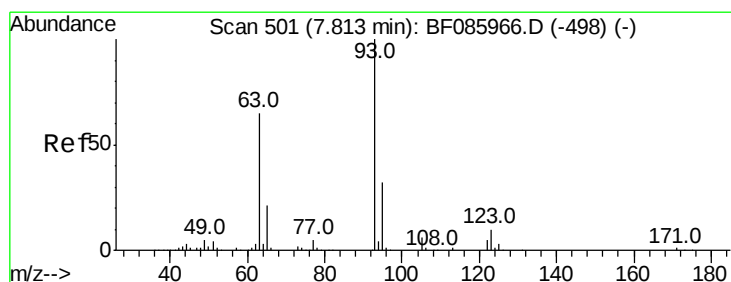
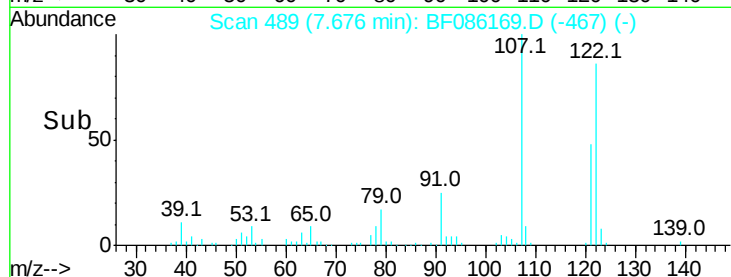
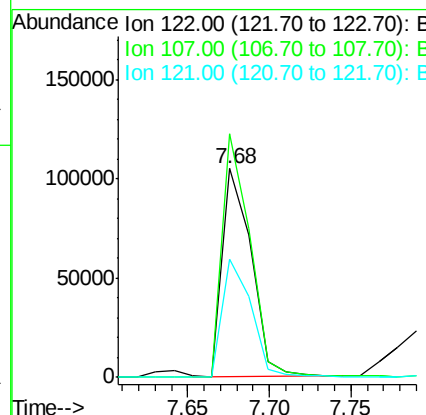
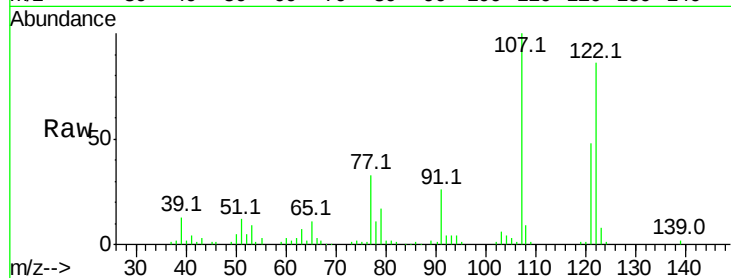
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	122	Resp:	128470
Ion Ratio	Lower	Upper	
122	100		
107	116.8	93.0	139.6
121	56.6	45.9	68.9

Manual Integrations
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4/11/2016 5:45:10 PM



#28

bis(2-Chloroethoxy)methane

Concen: 18.26 ng

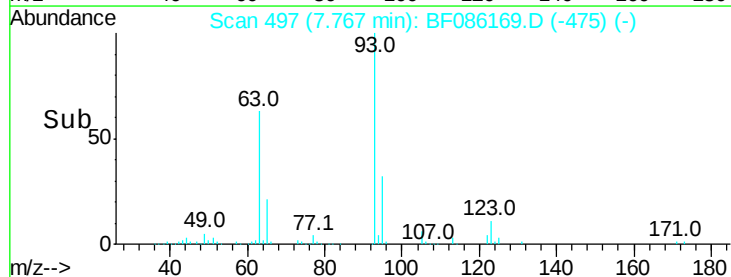
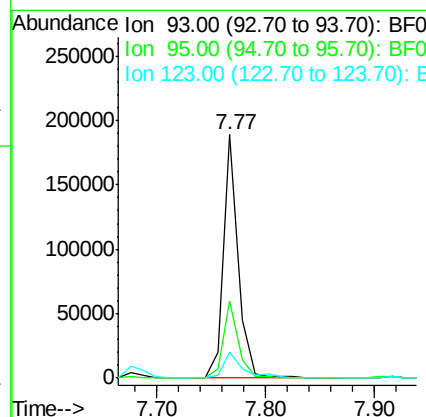
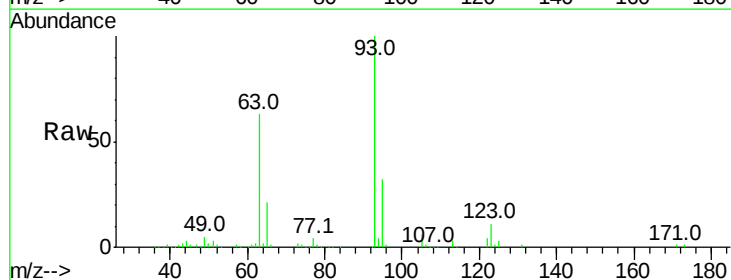
RT: 7.77 min Scan# 497

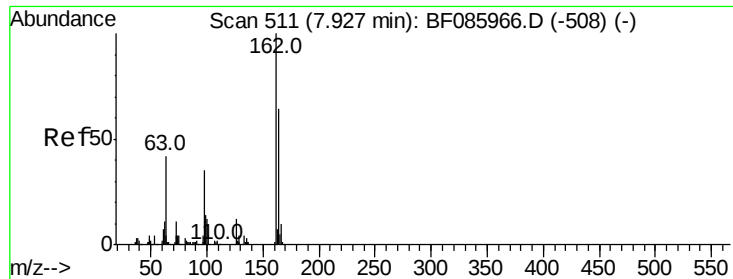
Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion:	93	Resp:	180673
Ion Ratio	Lower	Upper	
93	100		
95	31.8	26.4	39.6
123	10.6	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 18.70 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

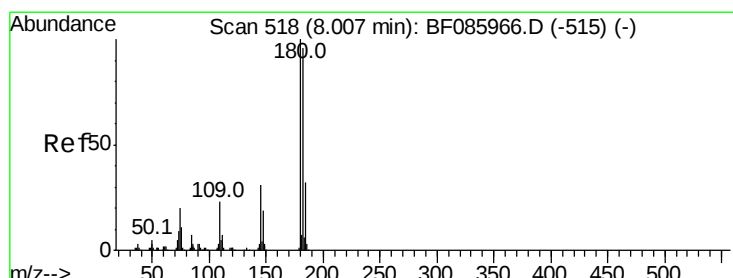
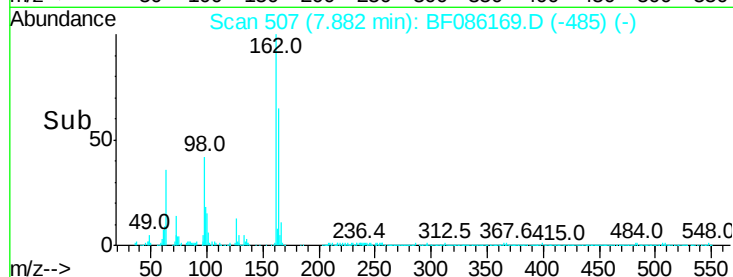
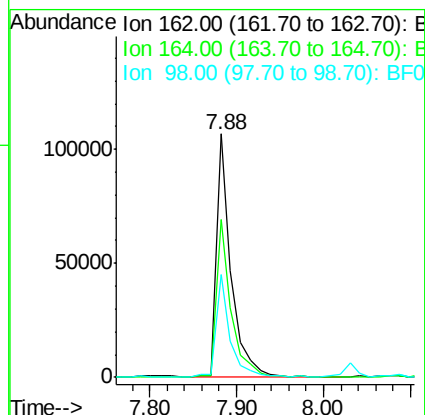
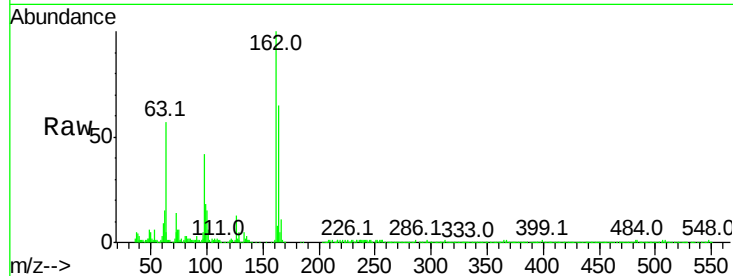
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	162	Resp:	126953
Ion Ratio	Lower	Upper	
162	100		
164	64.9	43.7	83.7
98	42.3	20.4	60.4

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 16.94 ng

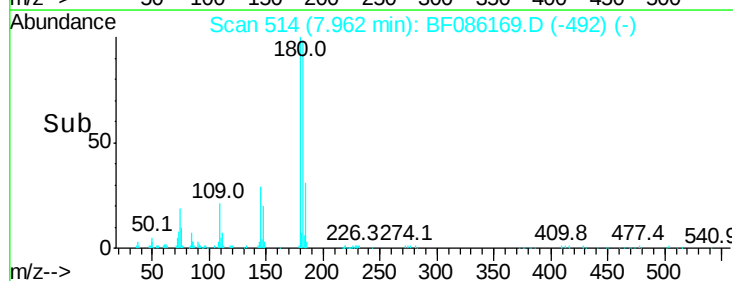
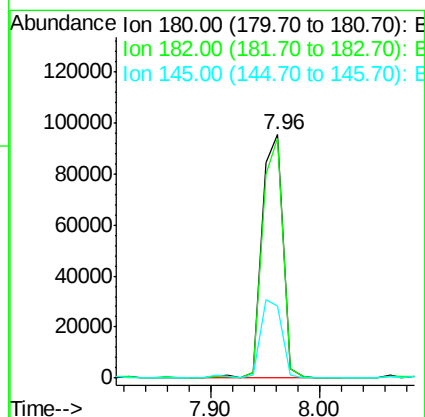
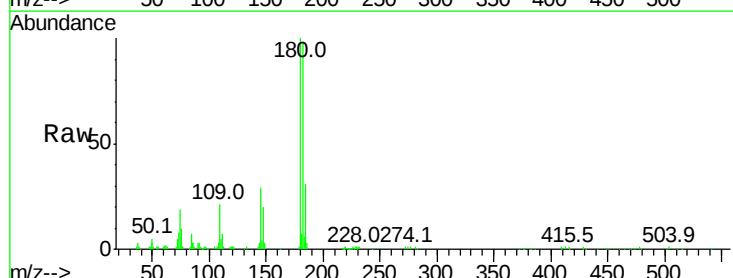
RT: 7.96 min Scan# 514

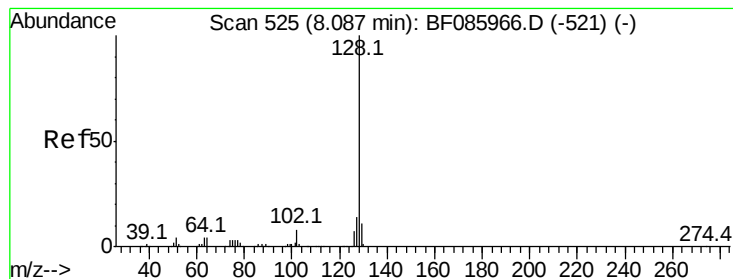
Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion:	180	Resp:	129055
Ion Ratio	Lower	Upper	
180	100		
182	98.2	73.8	110.8
145	29.4	28.4	42.6





#31

Naphthalene

Concen: 16.91 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

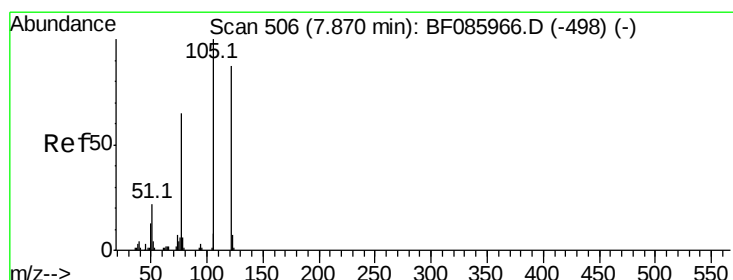
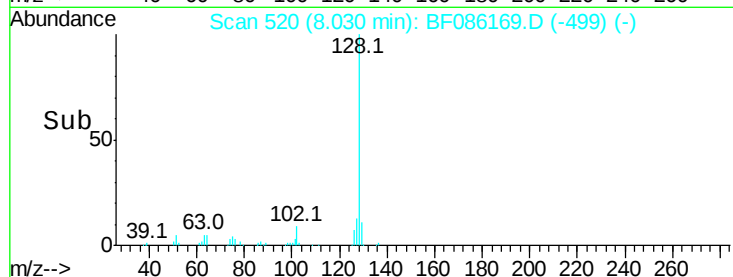
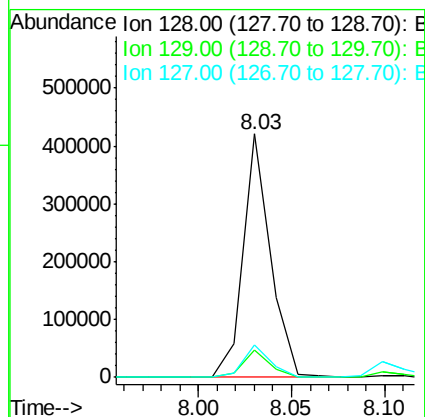
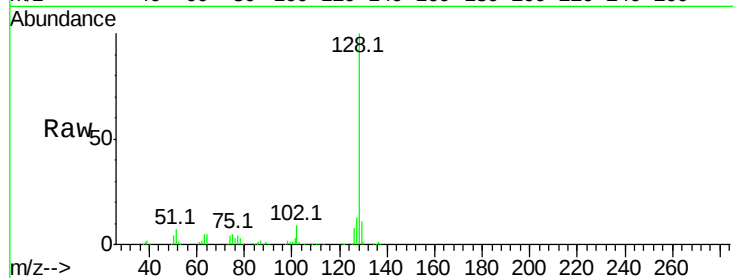
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	128	Resp:	428327
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.2	11.0	16.6

Manual Integrations
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#32

Benzoic acid

Concen: 11.92 ng

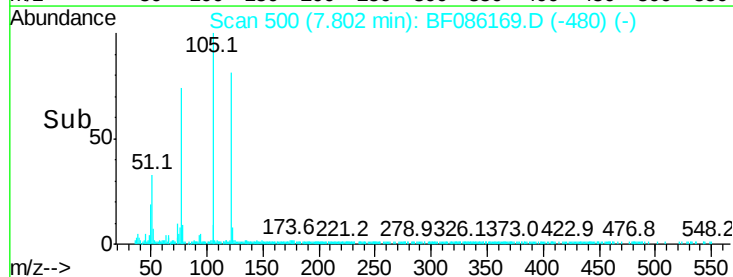
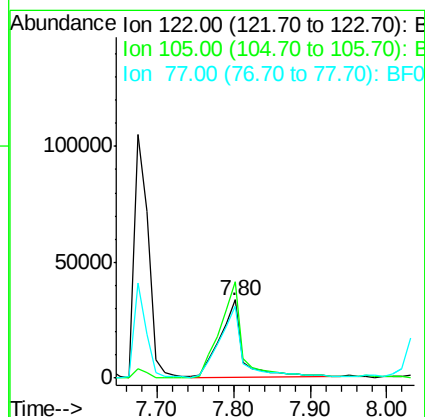
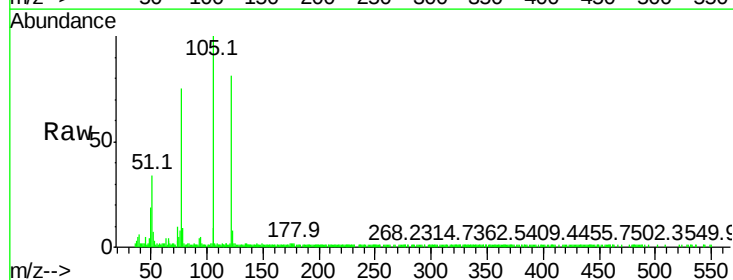
RT: 7.80 min Scan# 500

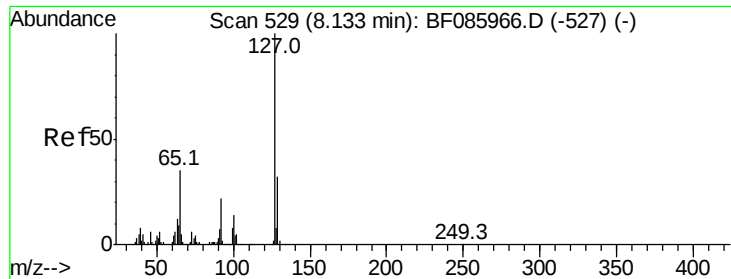
Delta R.T. -0.07 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion:	122	Resp:	70194
Ion	Ratio	Lower	Upper
122	100		
105	123.4	102.9	142.9
77	92.4	71.8	111.8





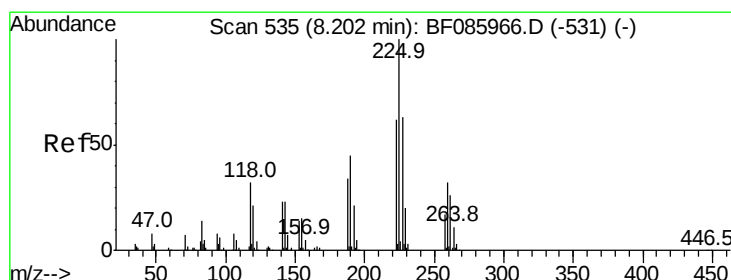
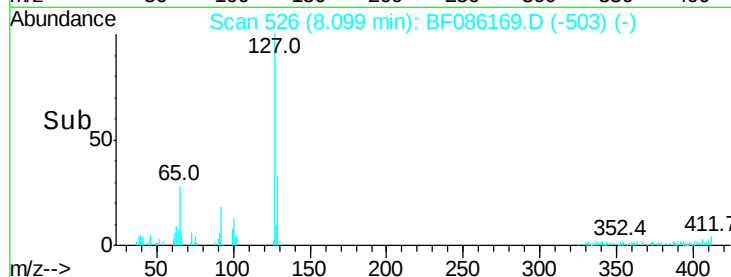
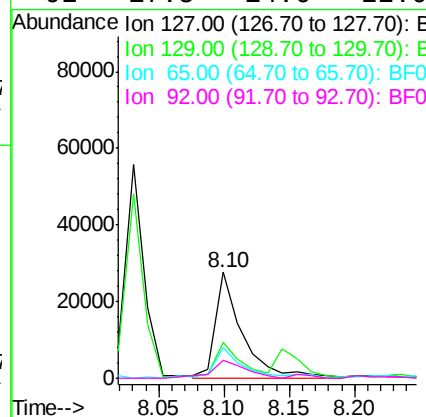
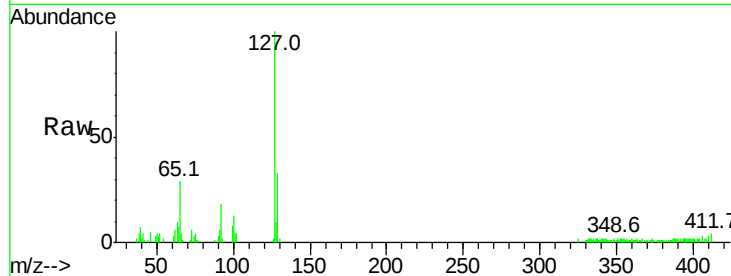
#33
4-Chloroaniline
Concen: 3.95 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	26.1	39.1		
65	28.9	19.5	29.3		
92	17.5	14.6	22.0		

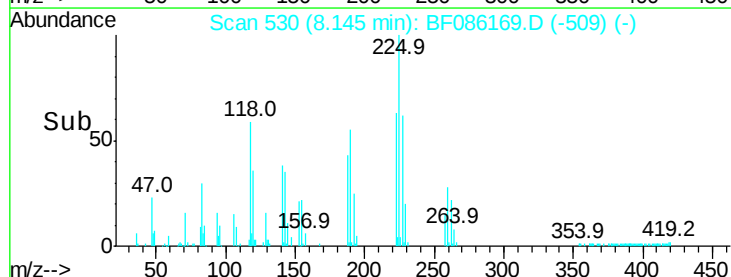
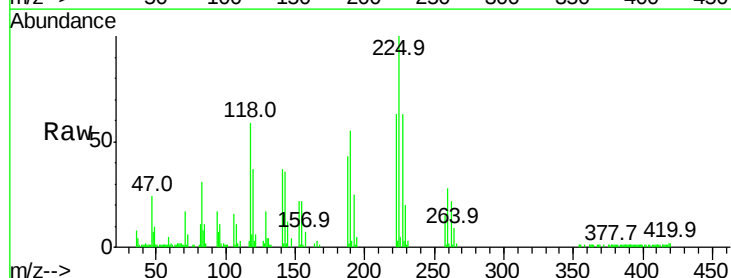
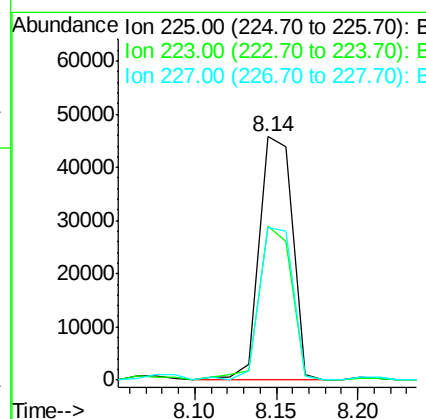
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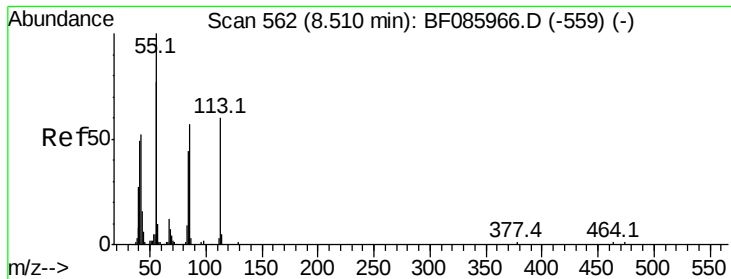
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#34
Hexachlorobutadiene
Concen: 15.85 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.06 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	50.4	75.6		
227	62.5	51.4	77.2		





#35

Caprolactam

Concen: 19.77 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

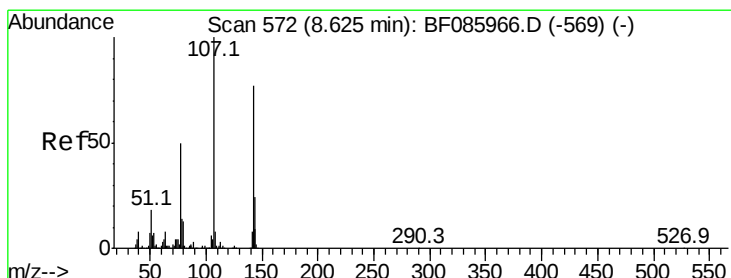
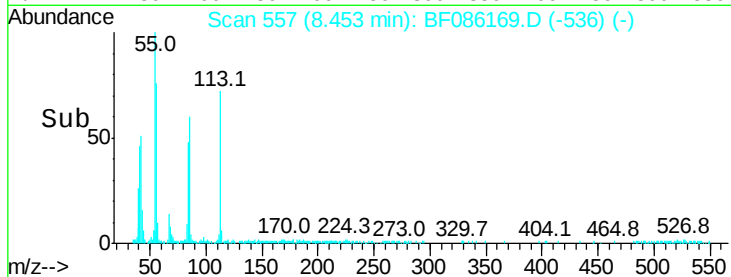
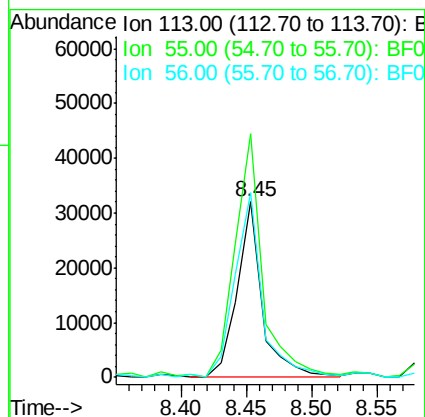
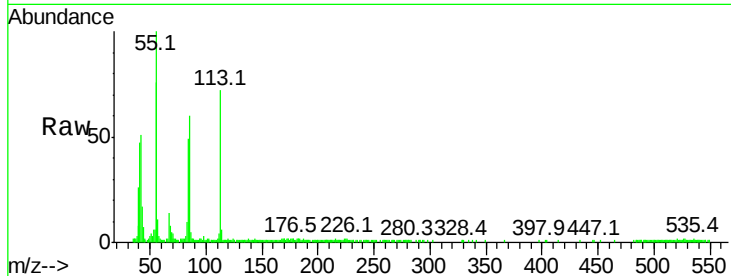
ClientSampleId :

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Tot Ion:	113	Resp:	42568
Ion Ratio	Lower	Upper	
113	100		
55	138.7	139.4	179.4#
56	105.4	100.4	140.4

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#36

4-Chloro-3-methylphenol

Concen: 17.54 ng

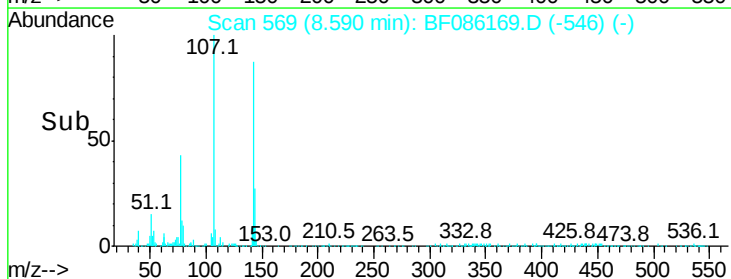
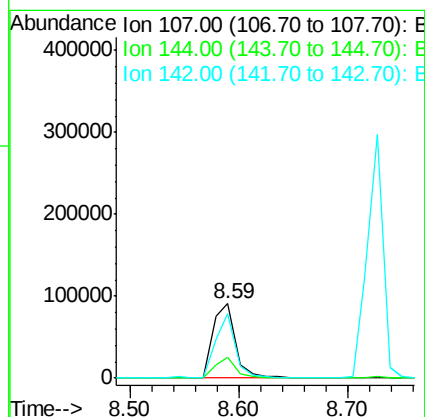
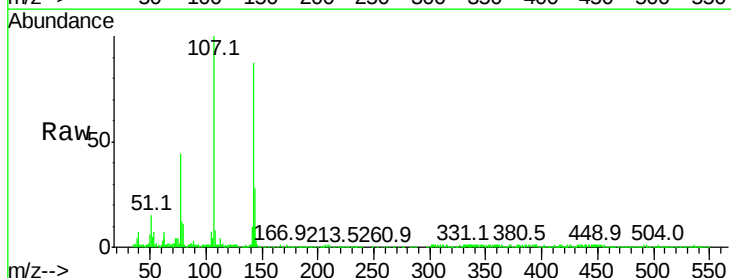
RT: 8.59 min Scan# 569

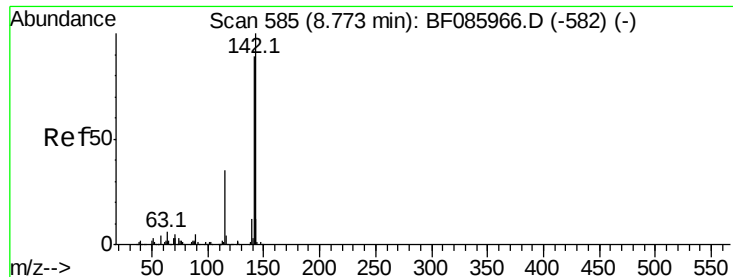
Delta R.T. -0.03 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion:	107	Resp:	133871
Ion Ratio	Lower	Upper	
107	100		
144	27.6	19.3	28.9
142	87.3	61.4	92.0





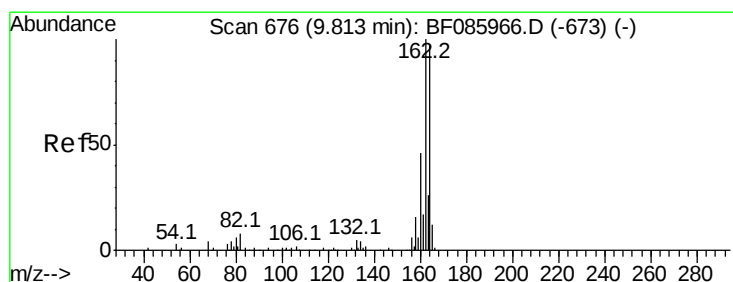
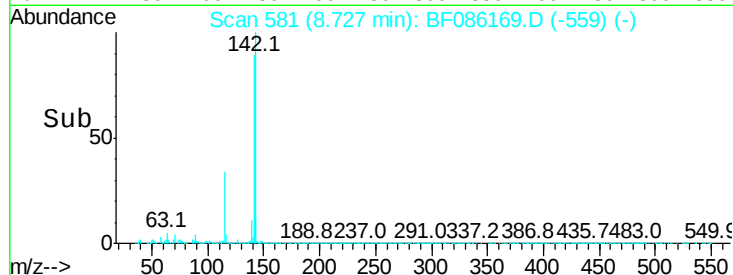
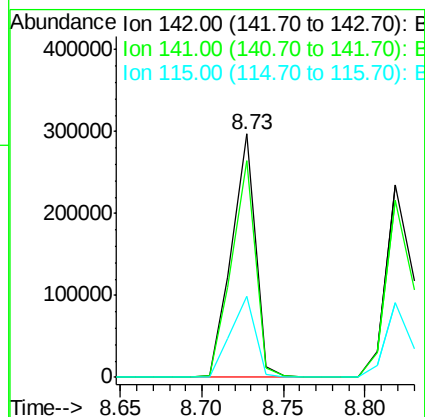
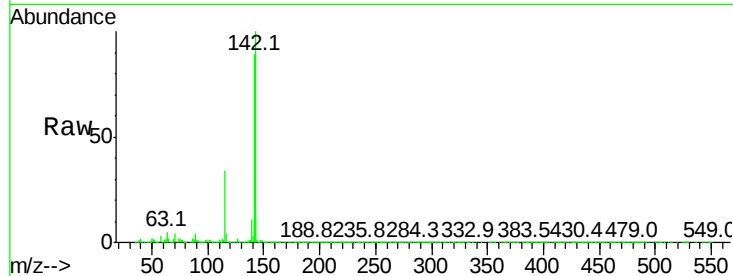
#37
2-Methylnaphthalene
Concen: 18.28 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
142	100	302532		
141	88.9	71.6	107.4	
115	33.5	26.8	40.2	

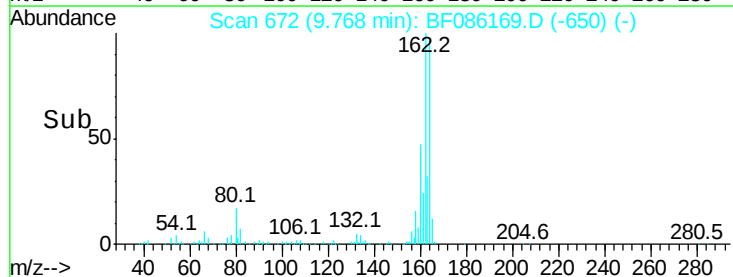
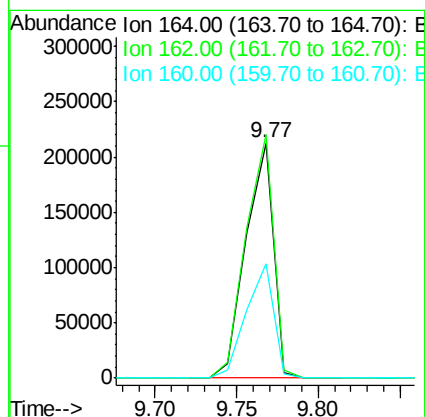
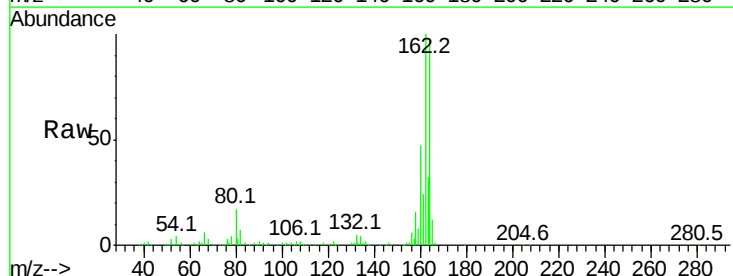
Manual Integrations
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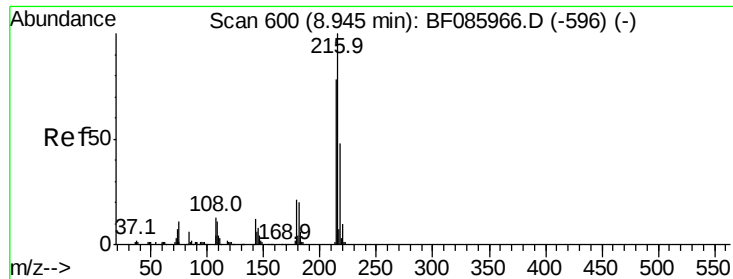
Sohil
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	248392		
162	103.5	82.1	123.1	
160	48.6	37.4	56.2	





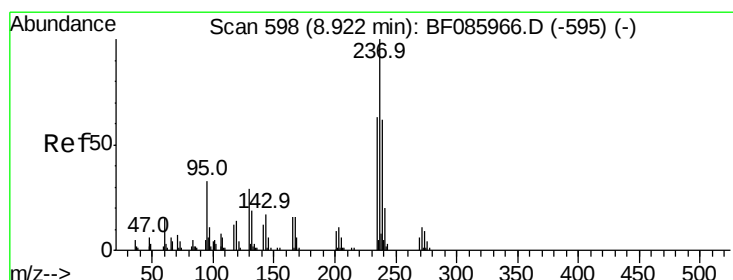
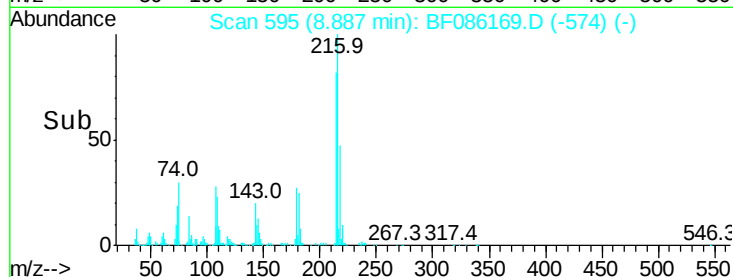
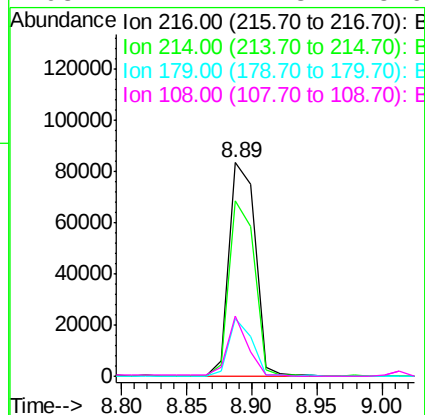
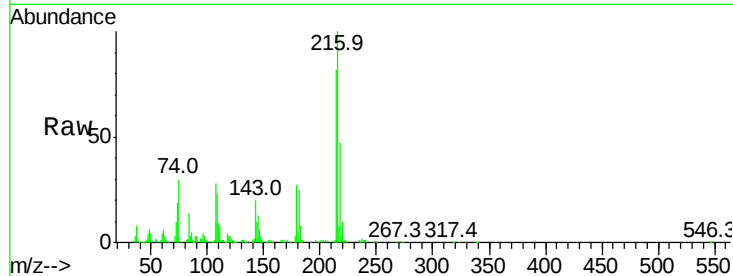
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 15.59 ng
 RT: 8.89 min Scan# 595
 Delta R.T. -0.06 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
216	100	116399		
214	80.0	63.1	94.7	
179	24.4	18.2	27.2	
108	22.4	17.3	25.9	

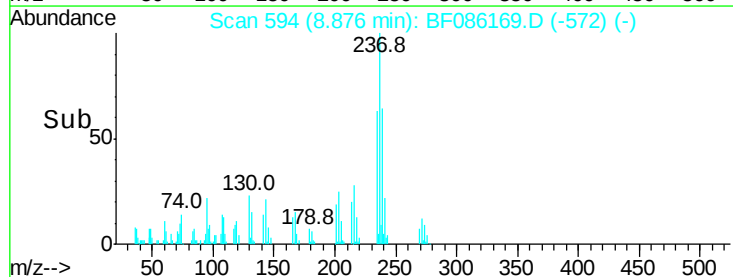
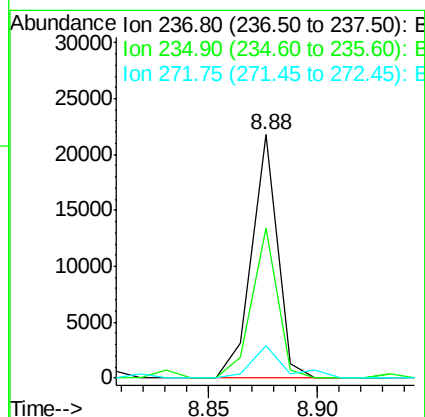
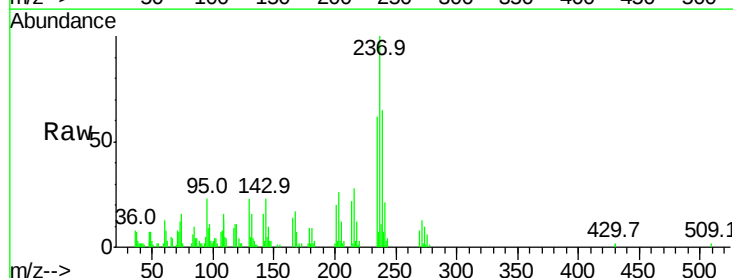
Manual Integrations
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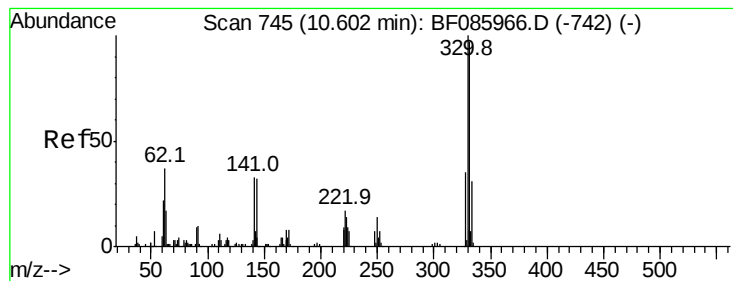
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#40
 Hexachlorocyclopentadiene
 Concen: 14.03 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.04 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	18013		
235	61.7	43.7	83.7	
272	13.4	0.0	31.9	





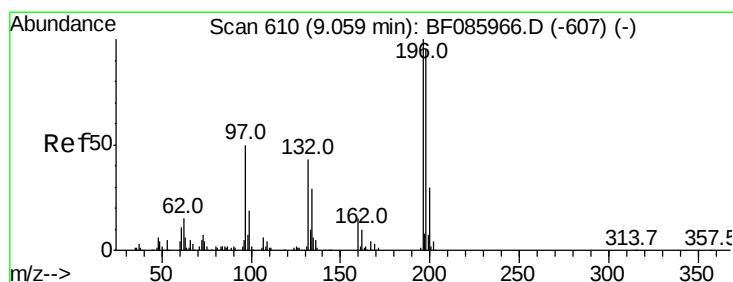
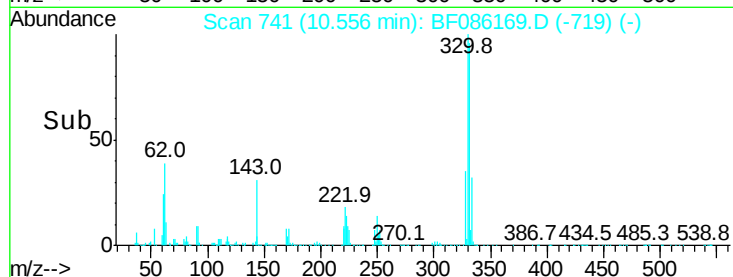
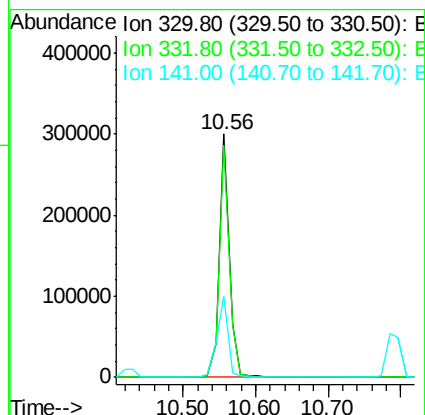
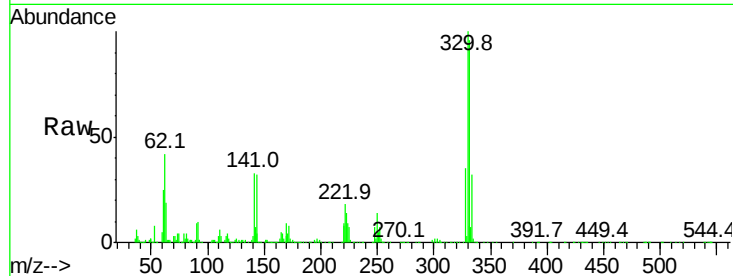
#41
 2,4,6-Tribromophenol
 Concen: 123.75 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
330	100	288510		
332	96.0	78.2	117.2	
141	36.9	31.5	47.3	

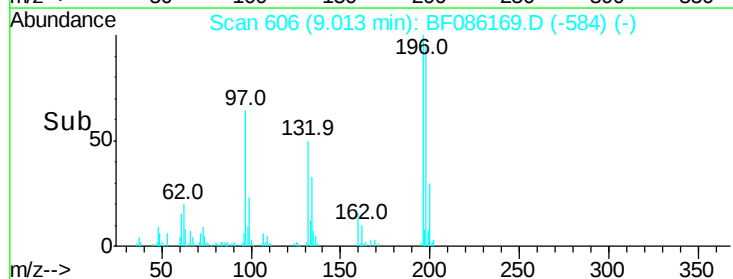
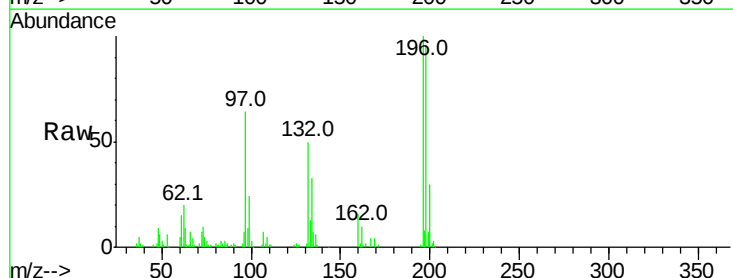
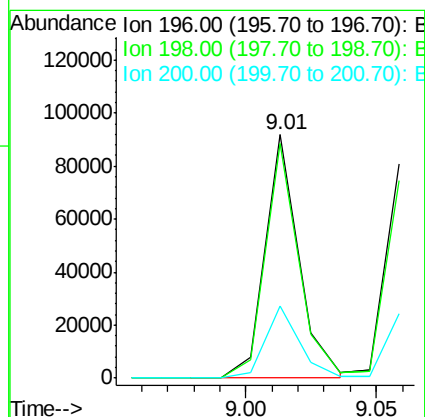
Manual Integrations
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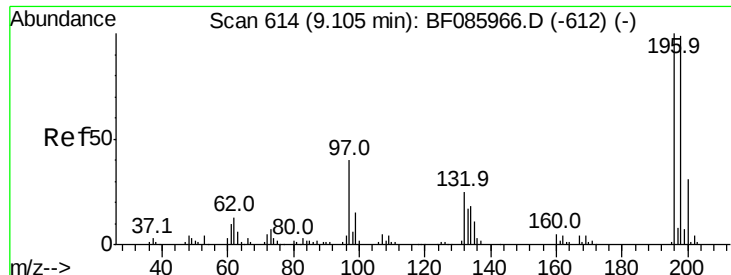
Sohil
 4/11/2016 5:45:10 PM



#42
 2,4,6-Trichlorophenol
 Concen: 16.98 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	81380		
198	96.3	75.3	112.9	
200	29.8	23.7	35.5	





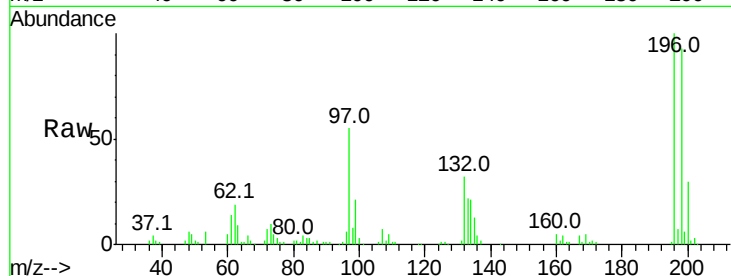
#43
2,4,5-Trichlorophenol
Concen: 17.23 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
196	100	83878		
198	92.6	76.6	114.8	
97	55.4	30.5	45.7	#
132	32.5	20.2	30.2	#

Manual Integrations
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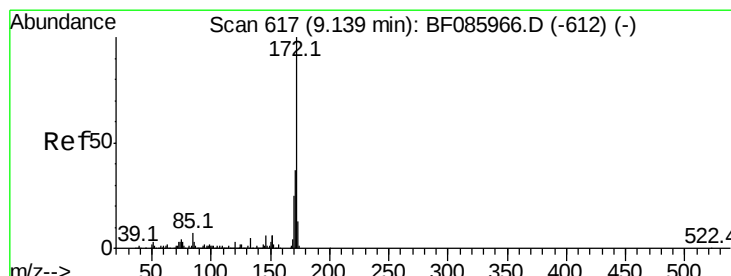
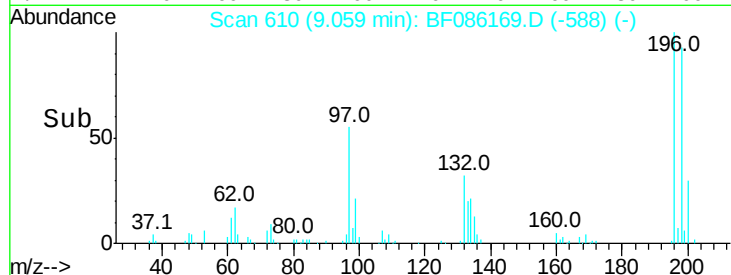
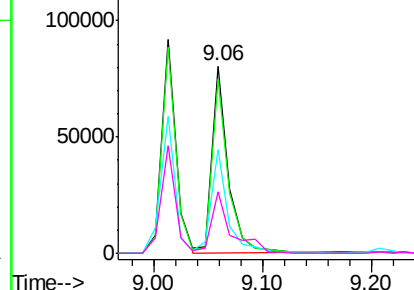
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 90.11 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

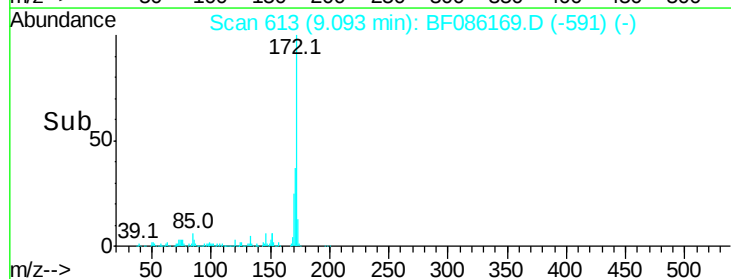
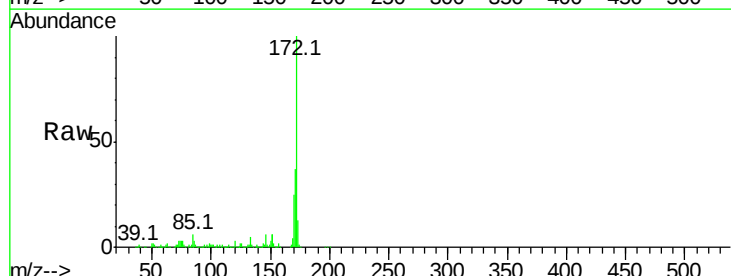
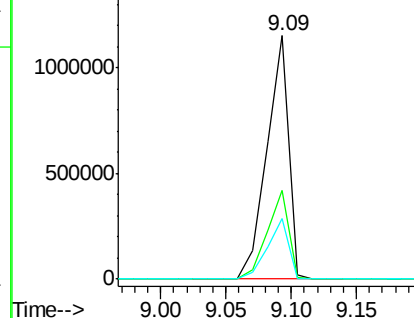
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1346237		
171	36.7	29.4	44.2	
170	24.7	19.8	29.6	

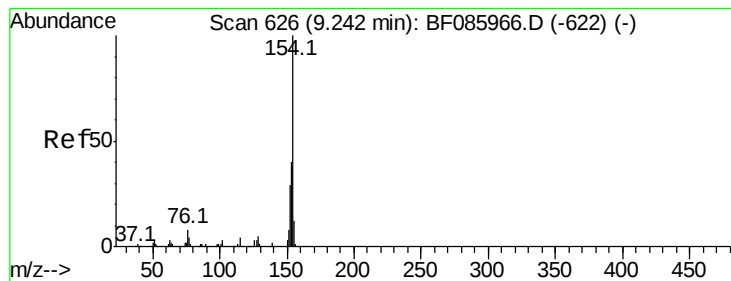
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





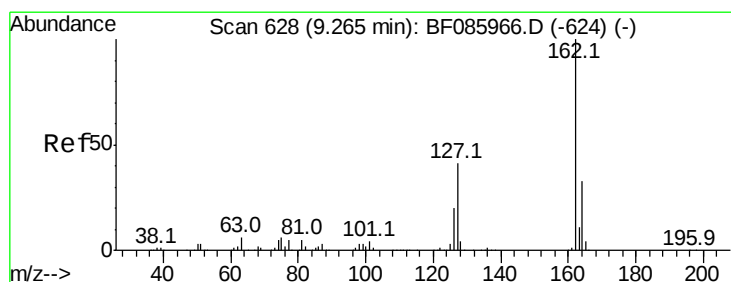
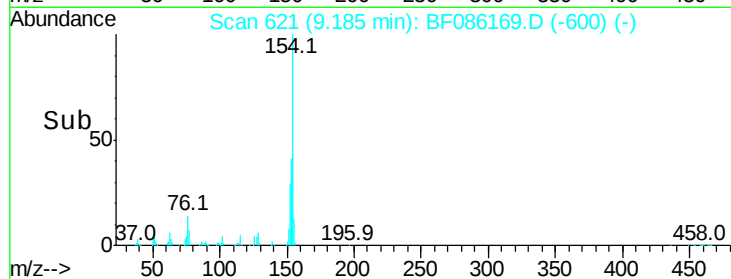
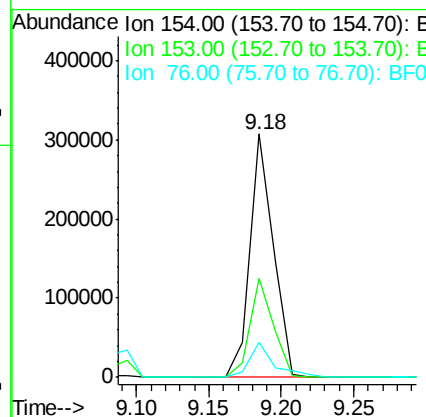
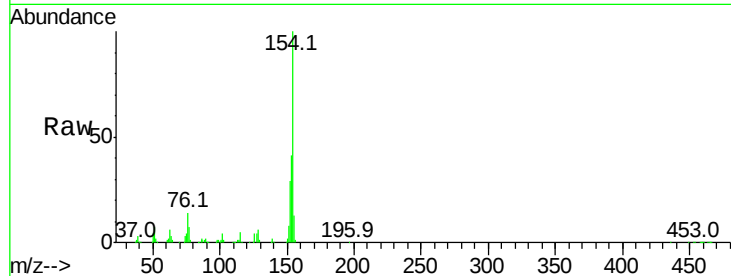
#45
 1,1'-Biphenyl
 Concen: 16.09 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.06 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	20.8	60.8	
76	14.1	0.0	36.7	

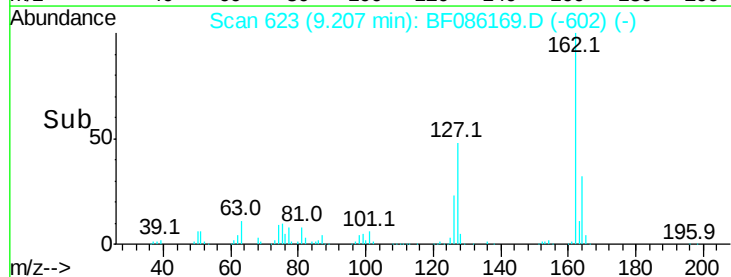
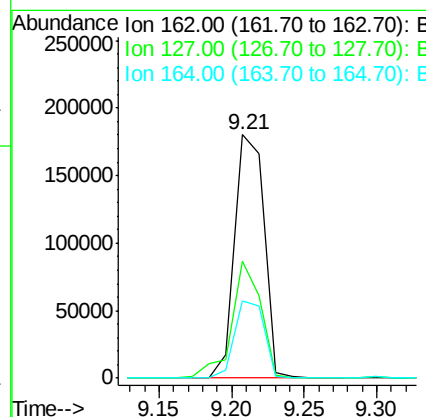
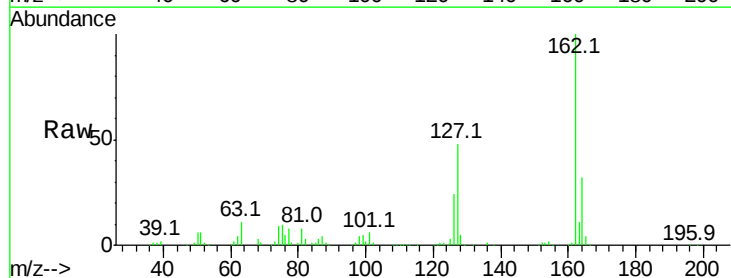
Manual Integrations
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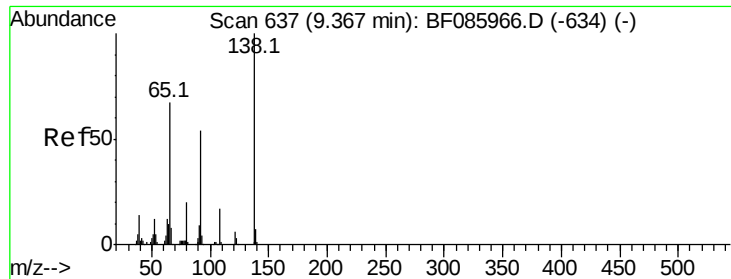
Sohil
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#46
 2-Chloronaphthalene
 Concen: 16.35 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	48.2	31.7	47.5#	
164	31.8	27.3	40.9	





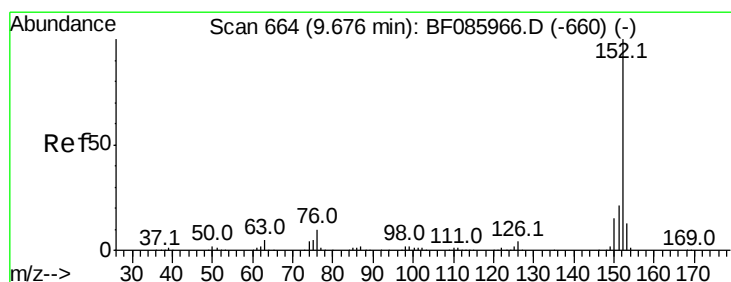
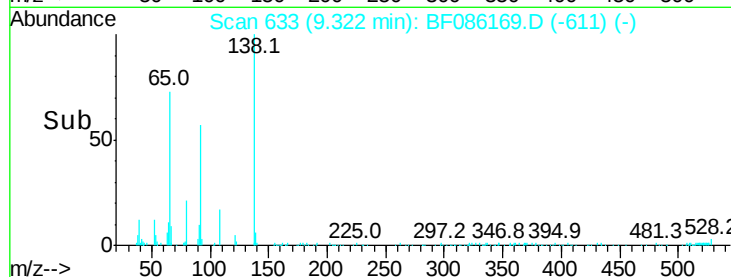
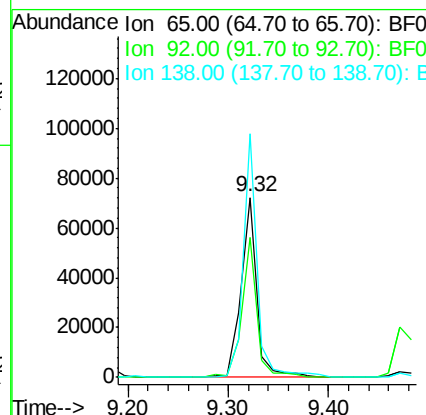
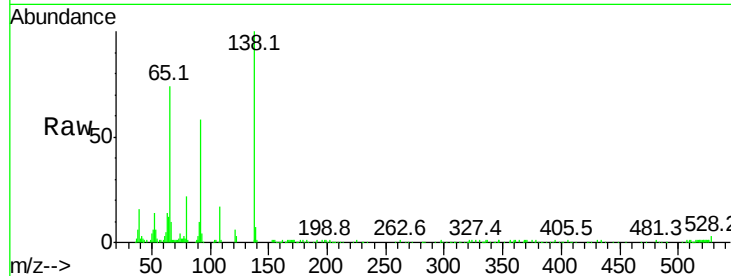
#47
2-Nitroaniline
Concen: 17.37 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
65	100		
92	77.9	59.7	89.5
138	135.2	91.4	137.0

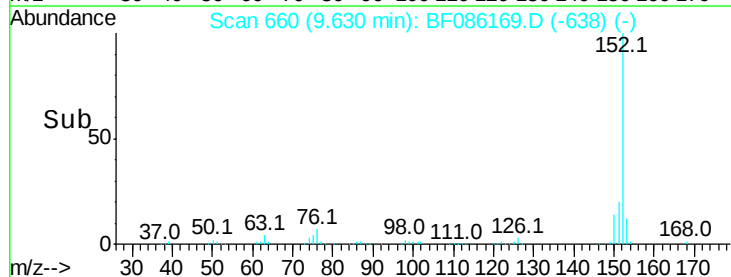
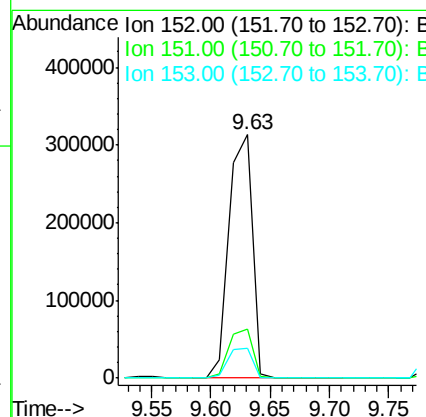
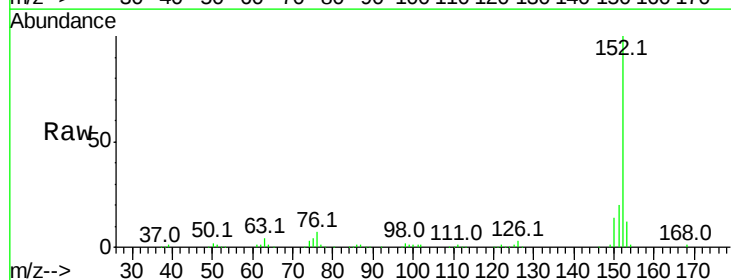
Manual Integrations
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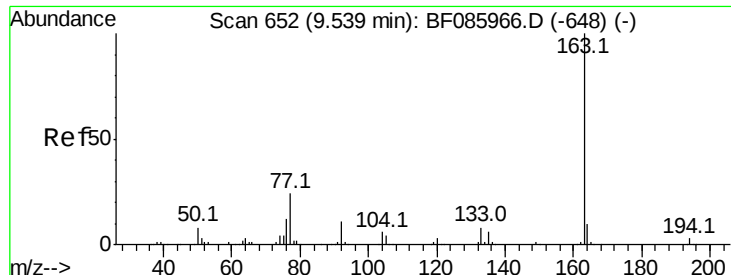
Sohil
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#48
Acenaphthylene
Concen: 17.19 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.8	25.2
153	12.4	10.9	16.3





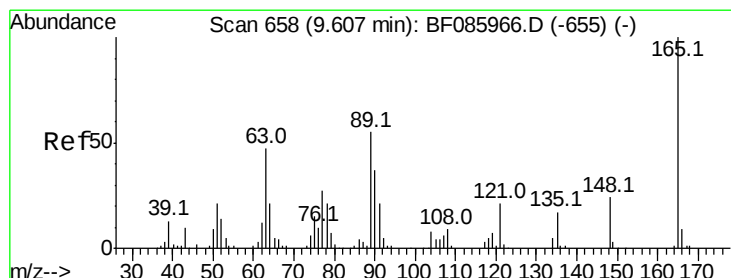
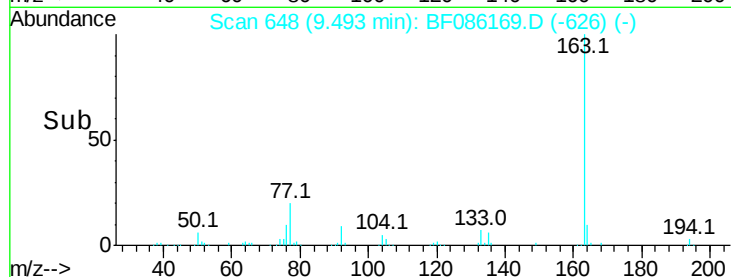
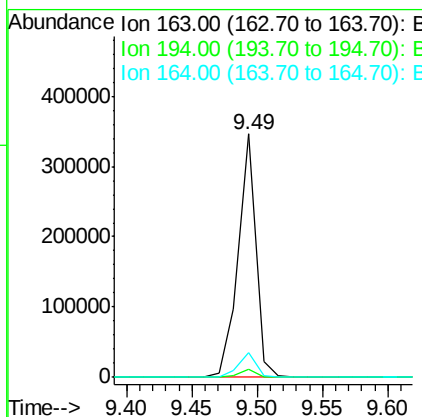
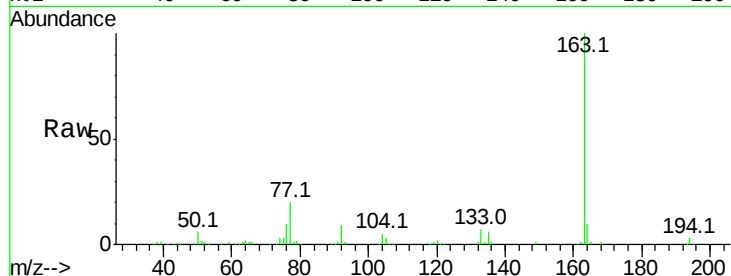
#49
Dimethylphthalate
Concen: 17.66 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.9	4.3	
164	10.0	8.3	12.5	

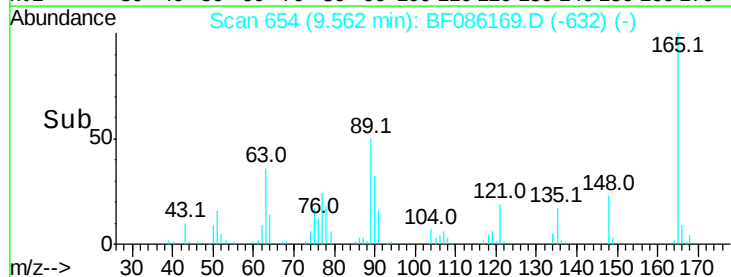
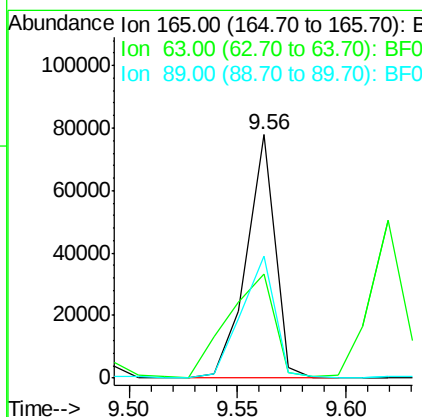
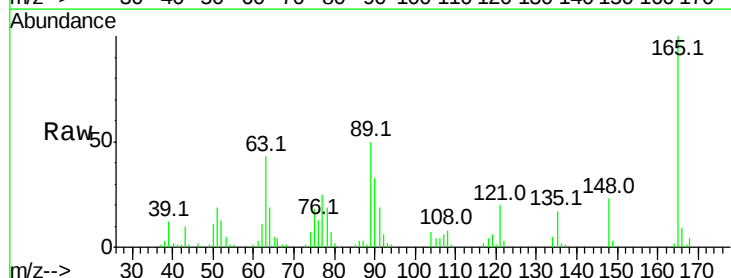
Manual Integrations
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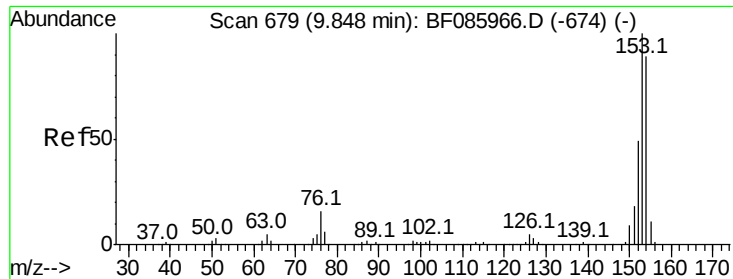
Sohil
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#50
2,6-Dinitrotoluene
Concen: 18.27 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.7	51.8	77.8#	
89	49.9	53.7	80.5#	





#51

Acenaphthene

Concen: 16.54 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

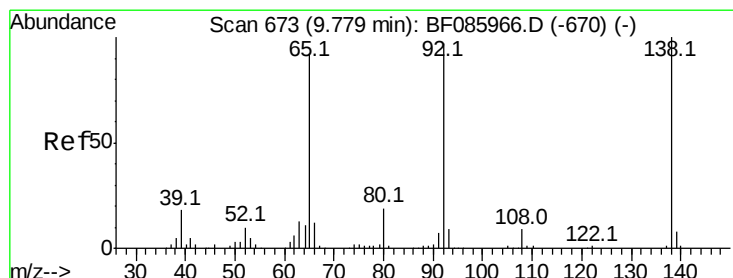
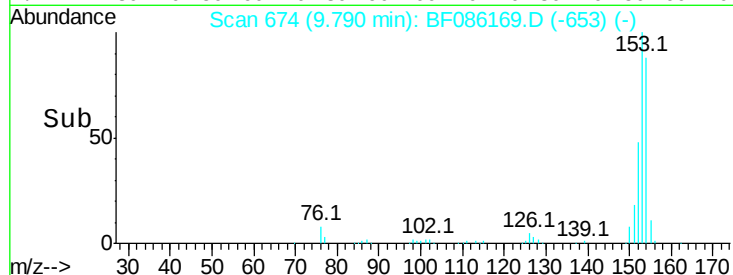
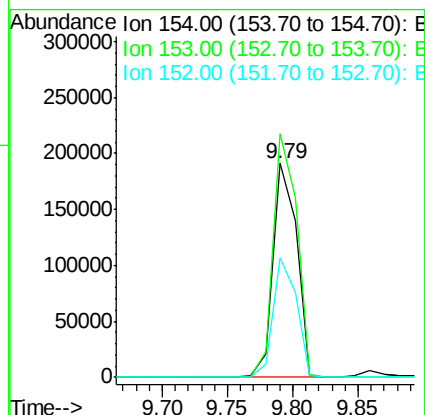
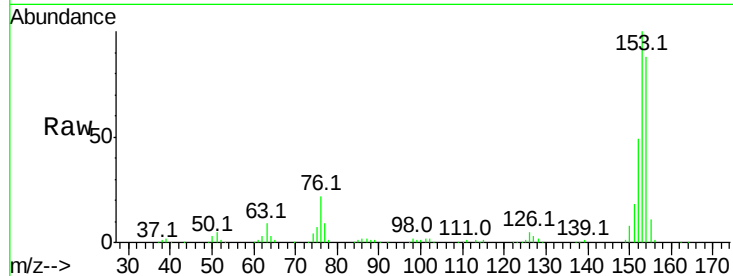
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	154	Resp:	244661
Ion Ratio	Lower	Upper	
154	100		
153	113.8	90.1	135.1
152	55.6	44.2	66.2

Manual Integrations
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#52

3-Nitroaniline

Concen: 3.27 ng

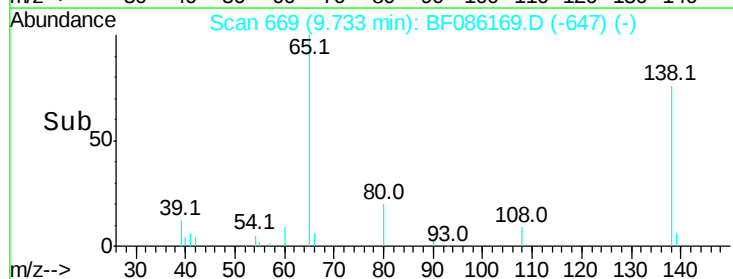
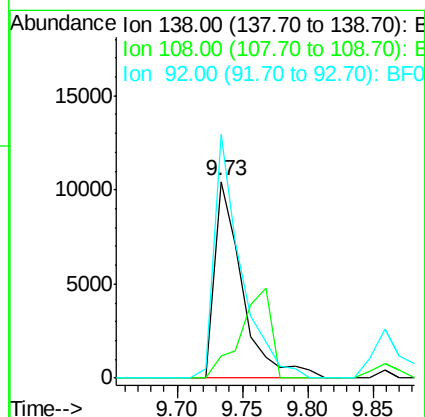
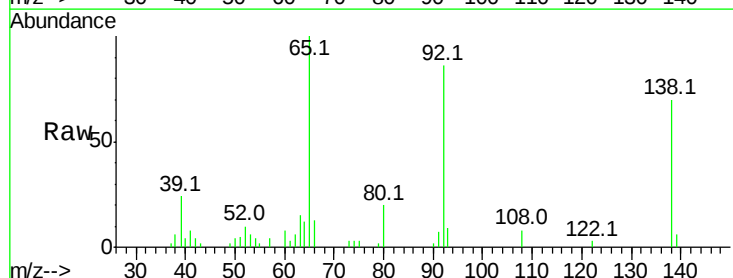
RT: 9.73 min Scan# 669

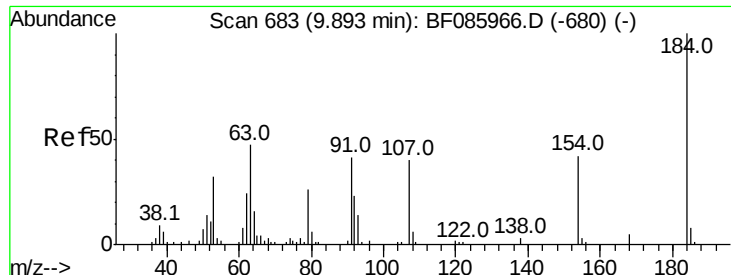
Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion:	138	Resp:	15374
Ion Ratio	Lower	Upper	
138	100		
108	11.3	8.7	13.1
92	123.9	93.3	139.9





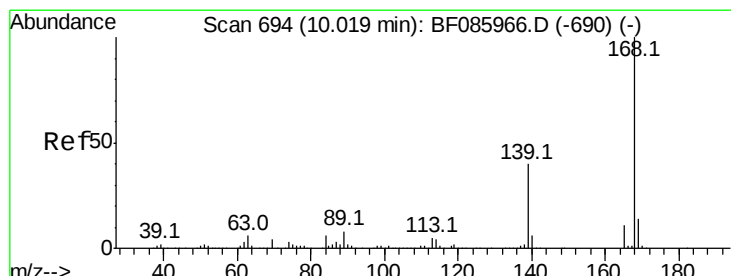
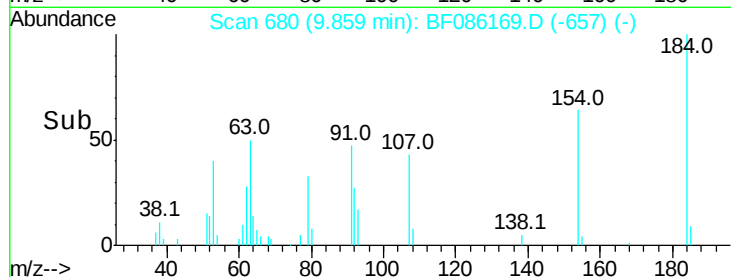
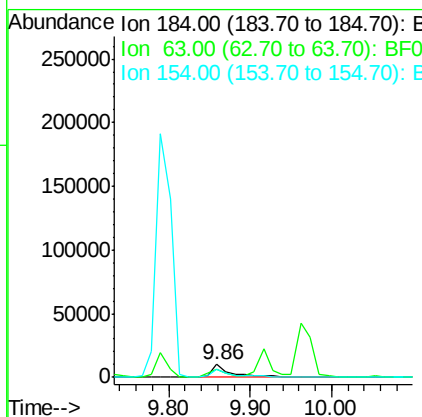
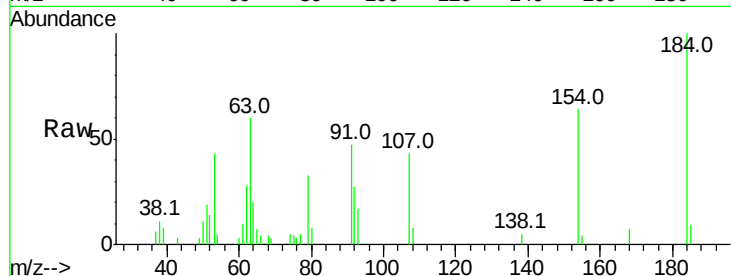
#53
 2,4-Dinitrophenol
 Concen: 13.34 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion:184 Resp: 17572
 Ion Ratio Lower Upper
 184 100
 63 60.2 69.5 104.3#
 154 63.8 58.3 87.5

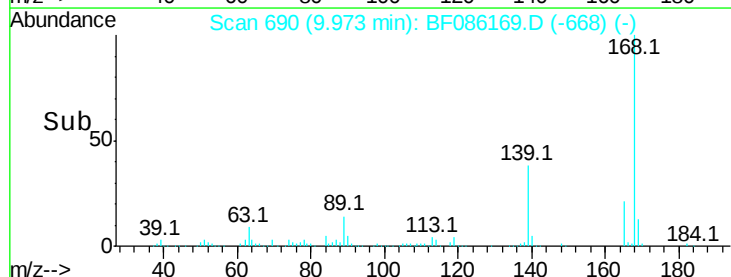
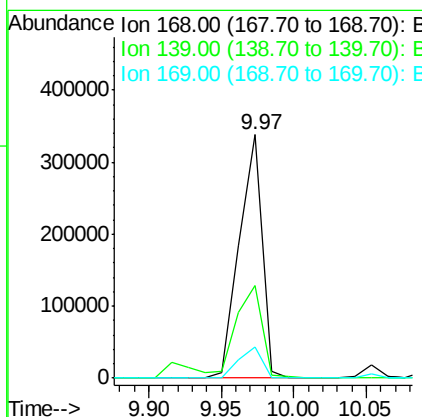
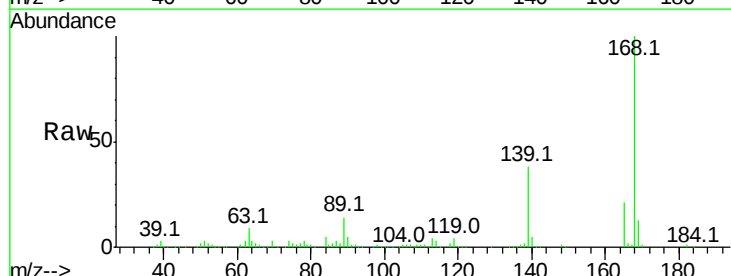
Manual Integrations
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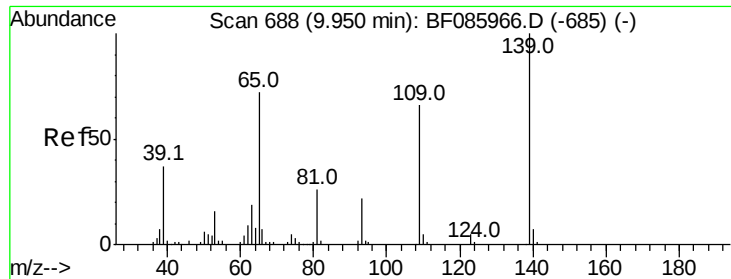
Sohil
 4/11/2016 5:45:10 PM



#54
 Dibenzofuran
 Concen: 18.99 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.05 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Tgt Ion:168 Resp: 370972
 Ion Ratio Lower Upper
 168 100
 139 37.8 31.9 47.9
 169 12.8 11.0 16.6





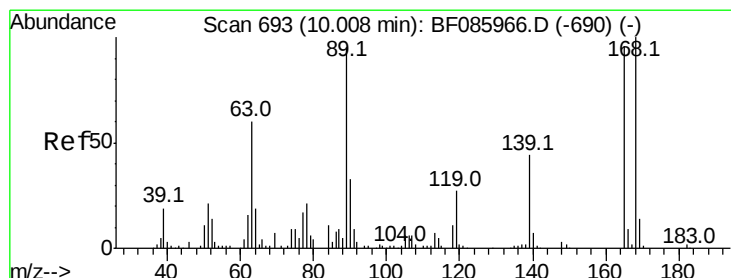
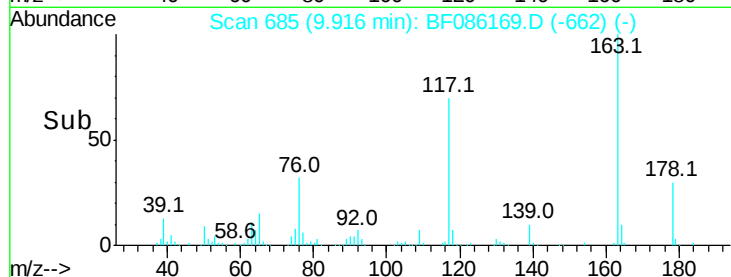
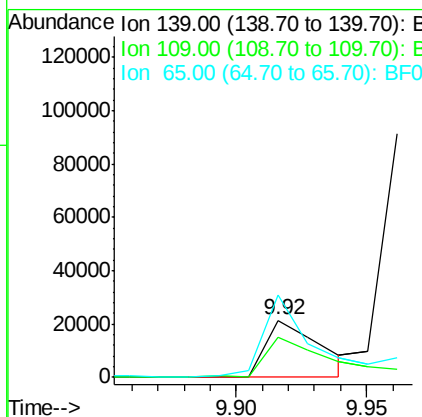
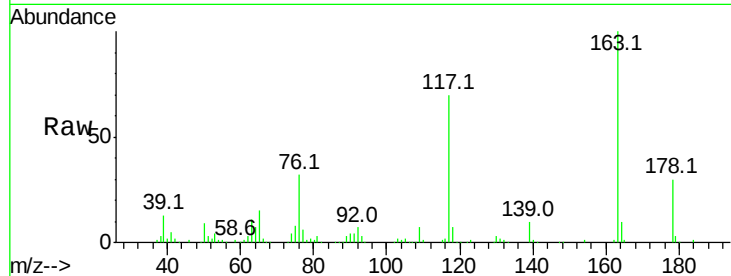
#55
4-Nitrophenol
Concen: 11.20 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.0	49.2	89.2	
65	144.9	66.9	106.9#	

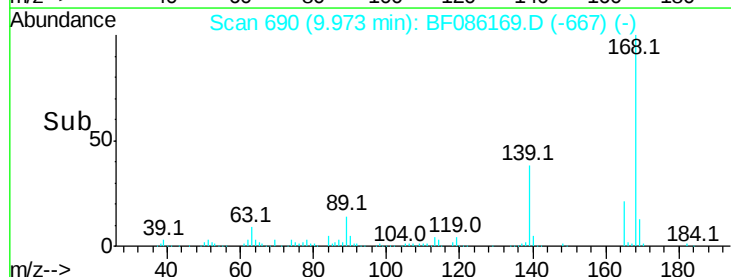
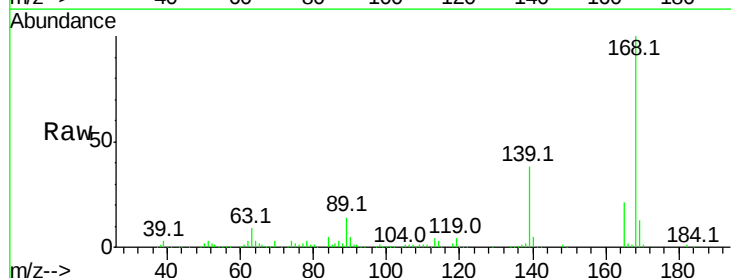
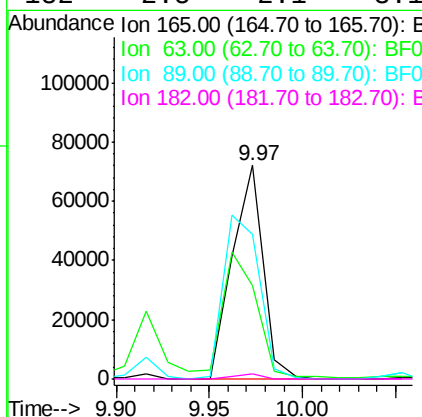
Manual Integrations
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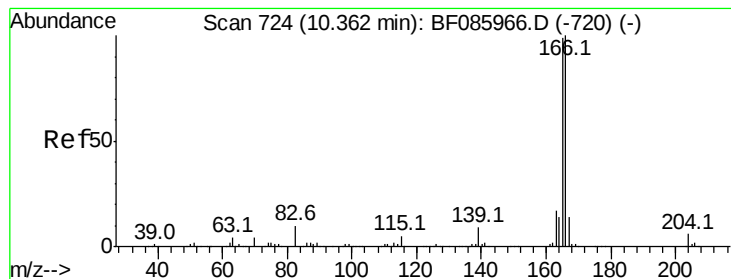
Sohil
4/11/2016 5:45:10 PM



#56
2,4-Dinitrotoluene
Concen: 16.80 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.0	24.9	37.3#	
89	67.8	41.0	61.6#	
182	2.5	2.1	3.1	





#57

Fluorene

Concen: 17.68 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

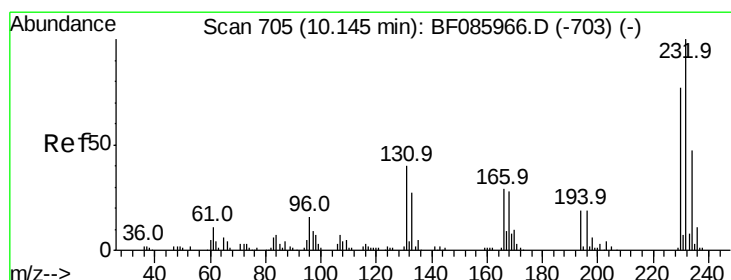
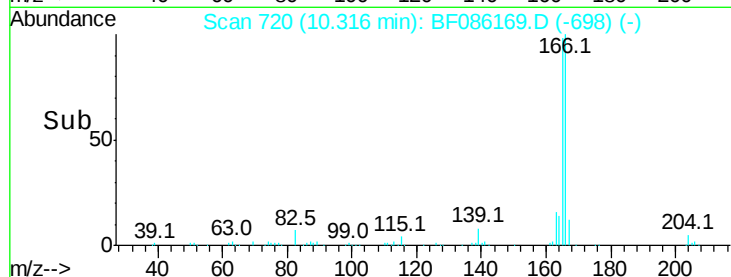
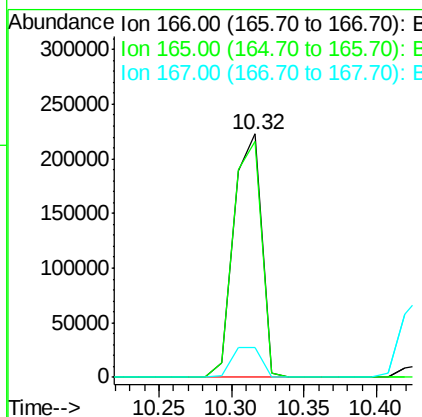
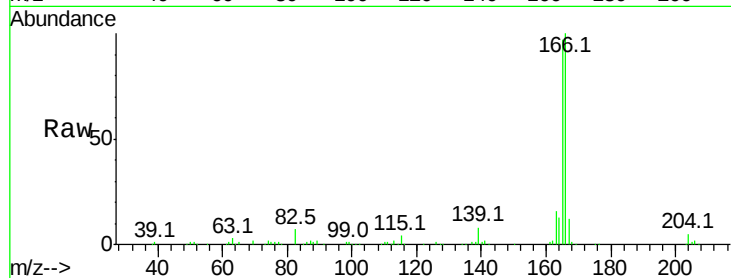
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	166	Resp:	295102
Ion Ratio	Lower	Upper	
166	100		
165	97.0	79.4	119.0
167	12.5	11.0	16.4

Manual Integrations
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4/11/2016 5:45:10 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 17.95 ng

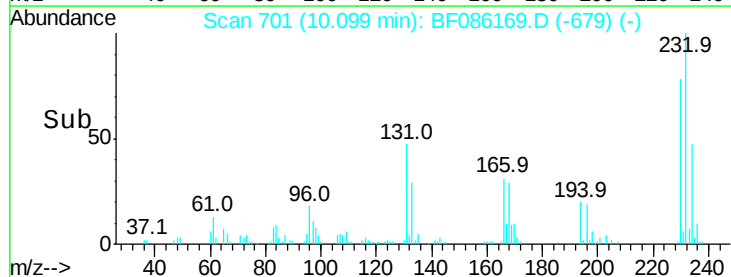
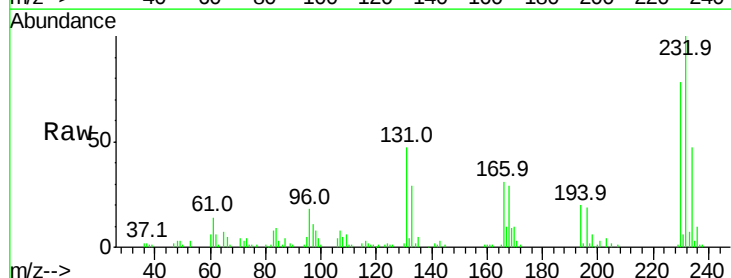
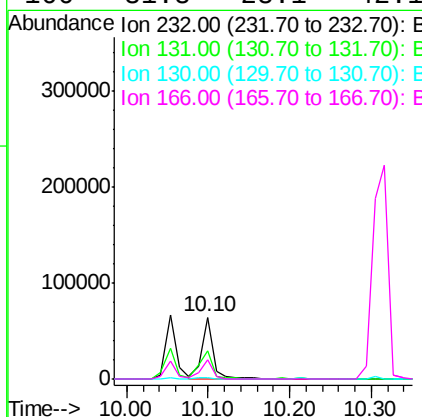
RT: 10.10 min Scan# 701

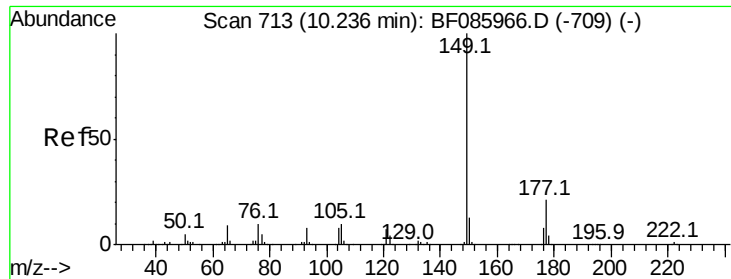
Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion:	232	Resp:	65067
Ion Ratio	Lower	Upper	
232	100		
131	53.3	44.9	67.3
130	2.5	2.3	3.5
166	31.8	28.1	42.1





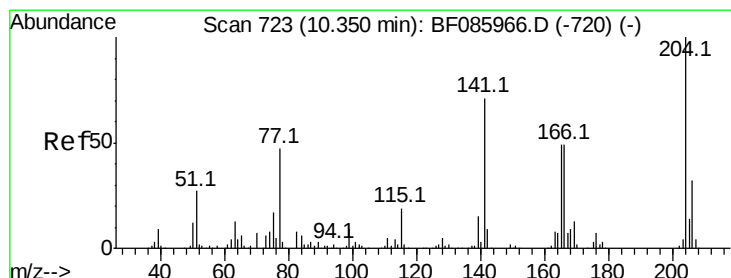
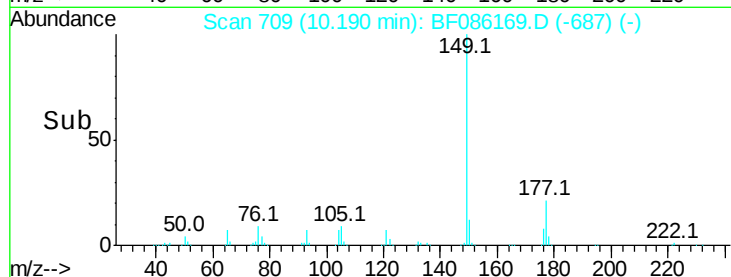
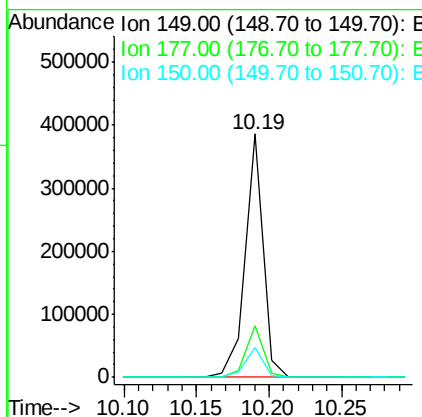
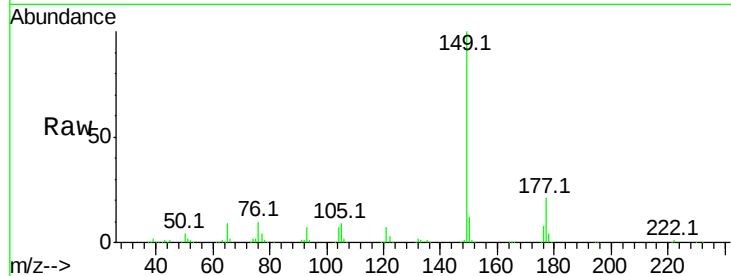
#59
Diethylphthalate
Concen: 17.85 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	21.1	17.9	26.9	
150	12.5	10.2	15.2	

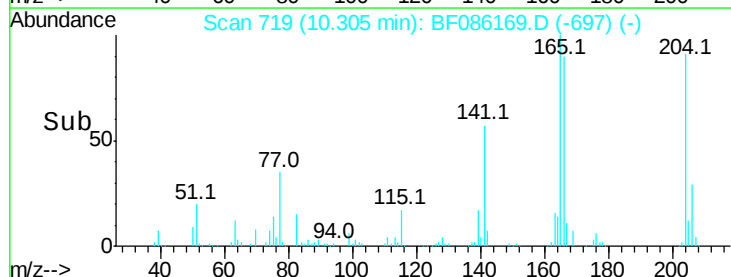
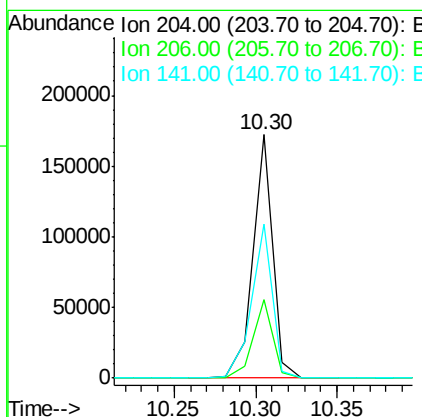
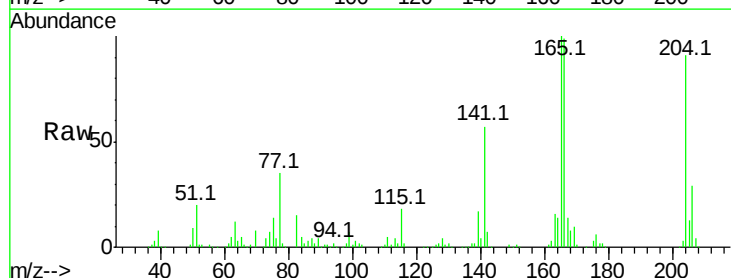
Manual Integrations
APPROVED

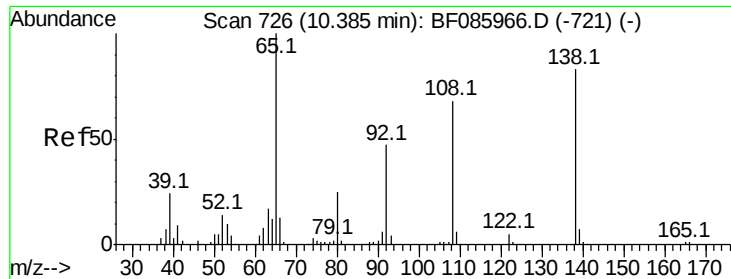
Sohil
4/11/2016 5:45:10 PM



#60
4-Chlorophenyl-phenylether
Concen: 18.54 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.3	26.6	39.8	
141	63.3	57.4	86.0	





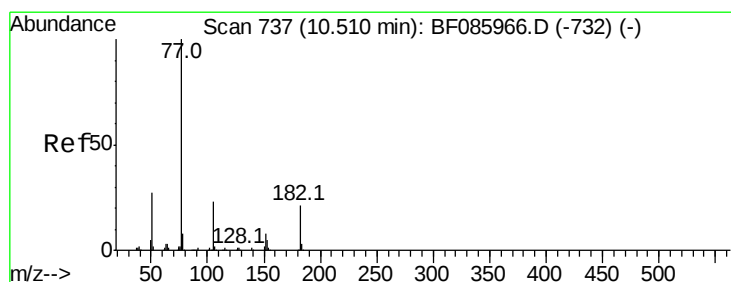
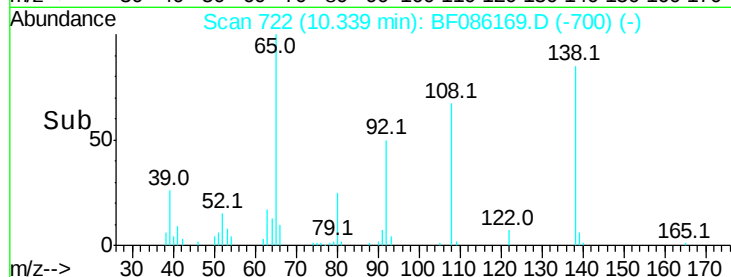
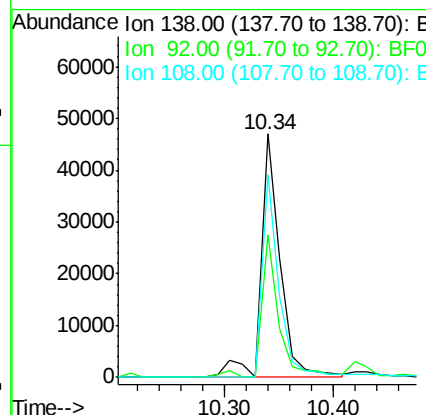
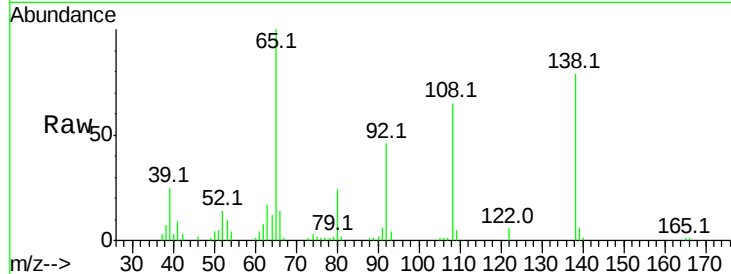
#61
4-Nitroaniline
Concen: 12.50 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.5	26.4	66.4
108	83.2	49.0	89.0

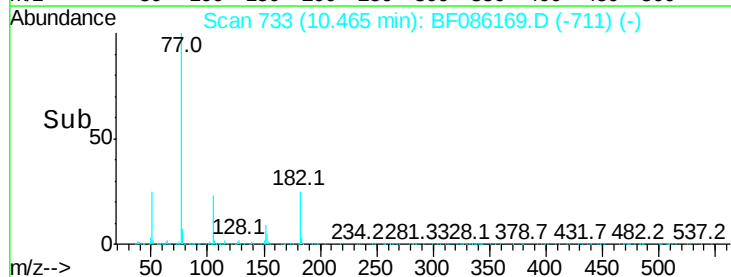
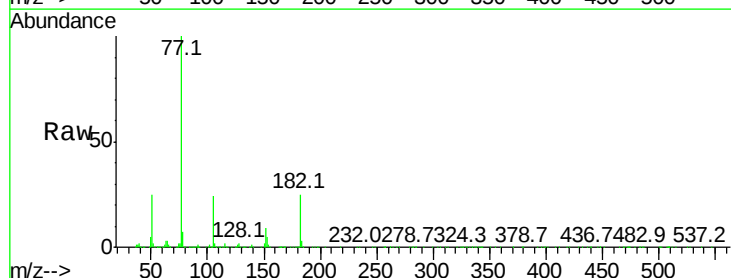
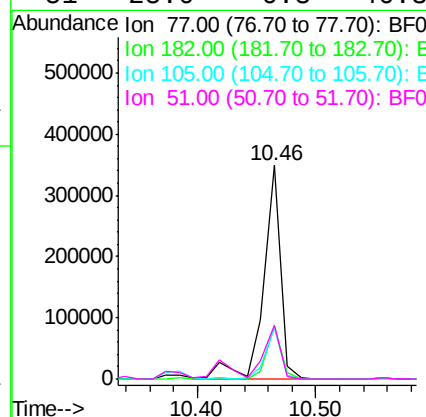
Manual Integrations
APPROVED

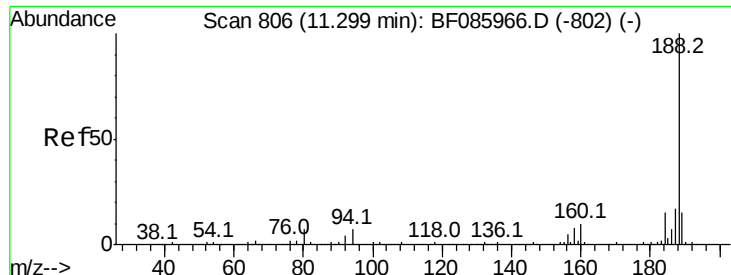
Sohil
4/11/2016 5:45:10 PM



#62
Azobenzene
Concen: 19.87 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.9	1.9	41.9
105	23.8	3.5	43.5
51	25.0	6.3	46.3





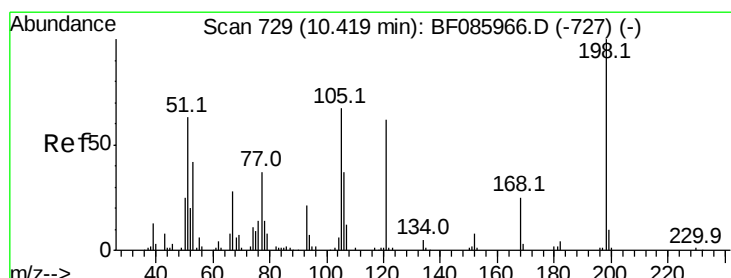
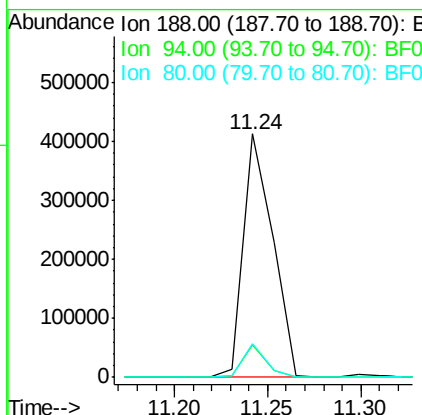
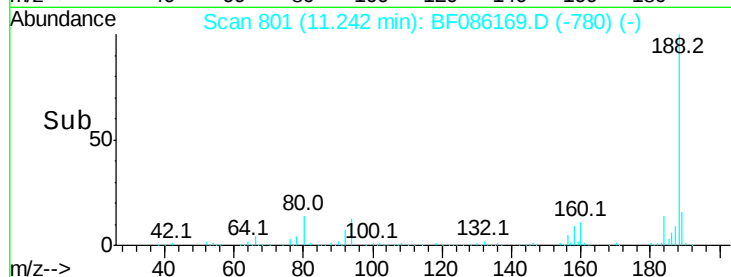
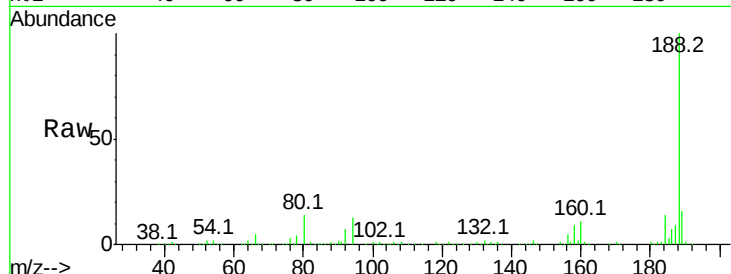
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	13.1	5.4	8.0#
80	13.9	5.5	8.3#

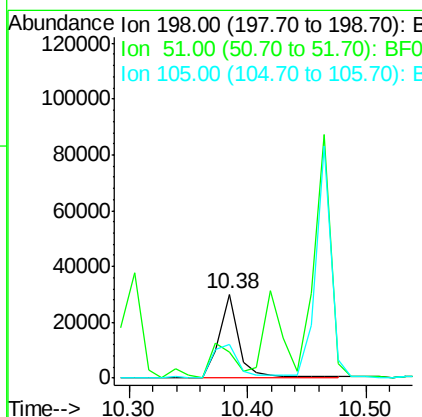
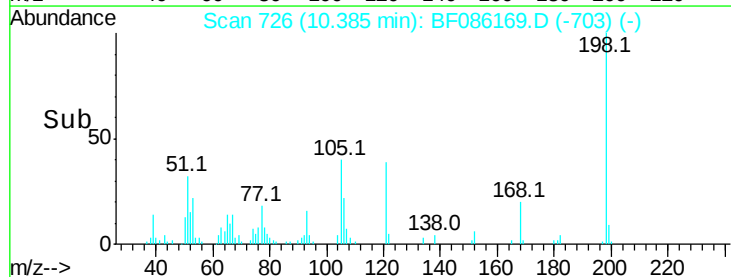
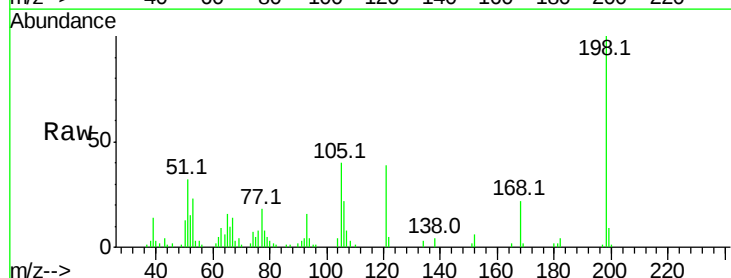
Manual Integrations
APPROVED

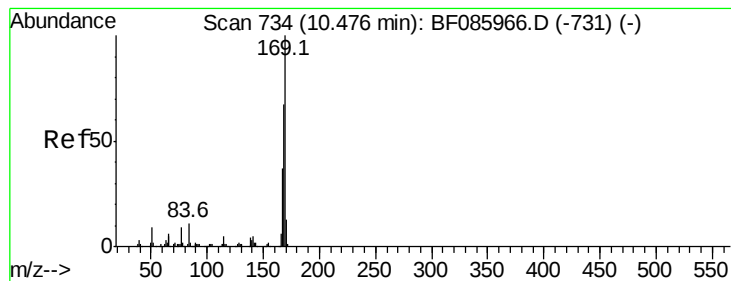
Sohil
4/11/2016 5:45:10 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 12.73 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	31.7	45.4	85.4#
105	39.9	45.9	85.9#





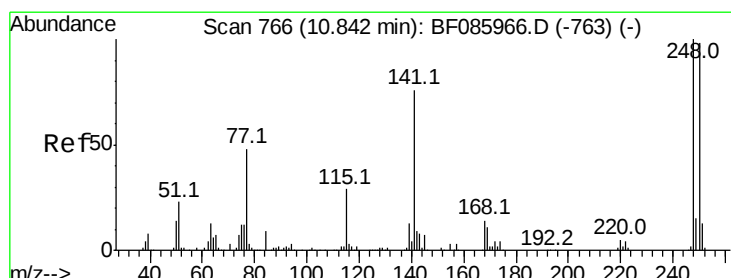
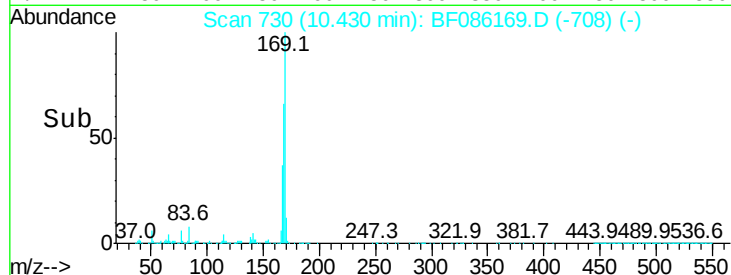
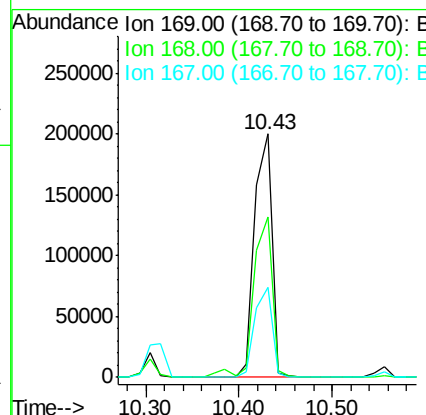
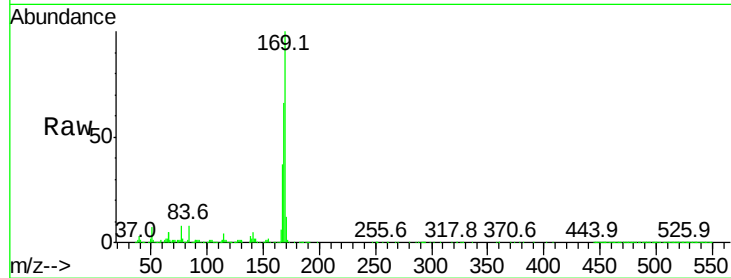
#65
n-Nitrosodiphenylamine
Concen: 18.20 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.1	54.4	81.6	
167	36.8	29.4	44.0	

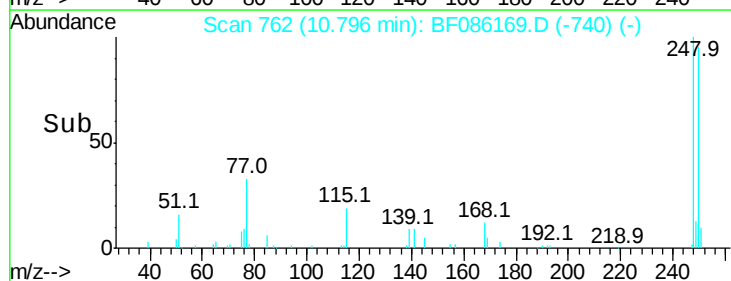
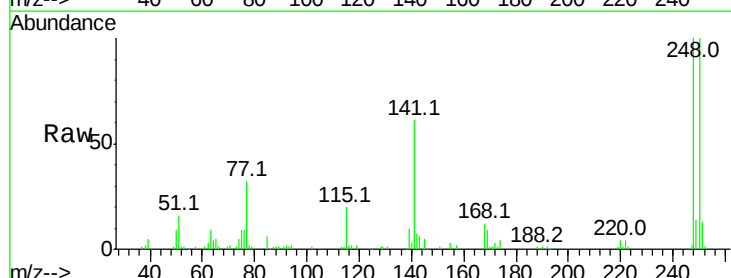
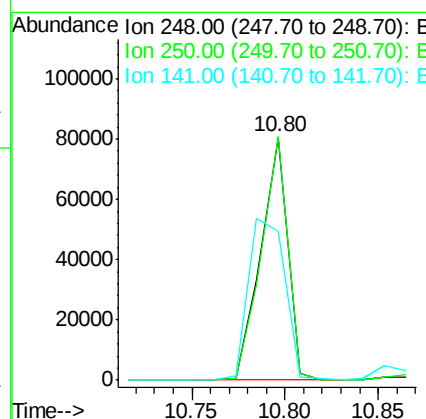
Manual Integrations
APPROVED

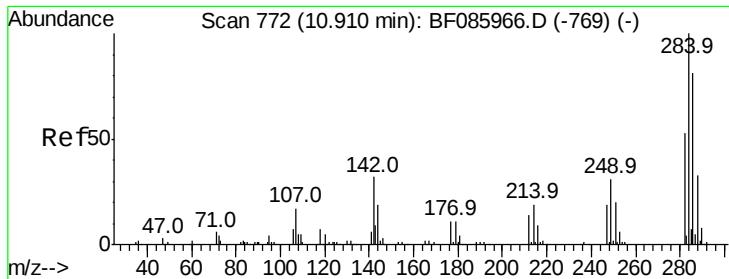
Sohil
4/11/2016 5:45:10 PM



#66
4-Bromophenyl-phenylether
Concen: 17.37 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	100.2	77.4	116.0	
141	61.0	63.6	95.4	





#67

Hexachlorobenzene

Concen: 17.01 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

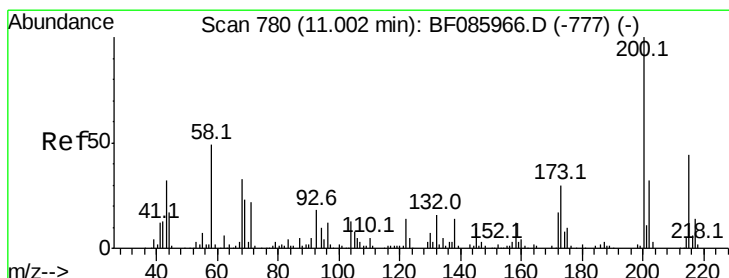
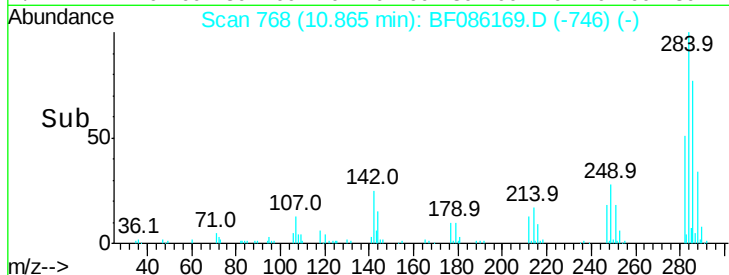
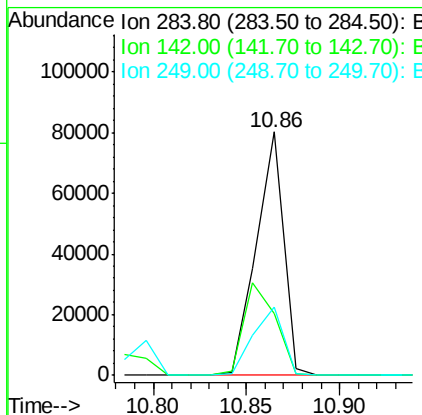
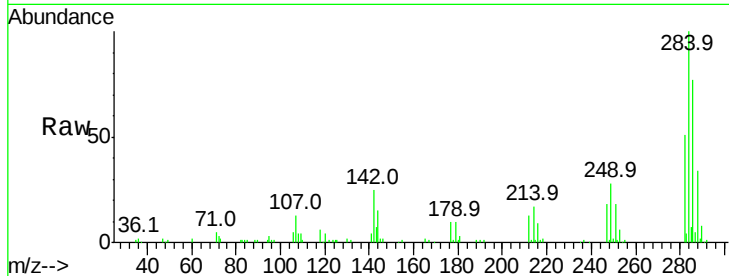
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	284	Resp:	81382
Ion Ratio	Lower	Upper	
284	100		
142	25.2	23.1	34.7
249	28.2	24.2	36.2

Manual Integrations
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4/11/2016 5:45:10 PM



#68

Atrazine

Concen: 17.83 ng

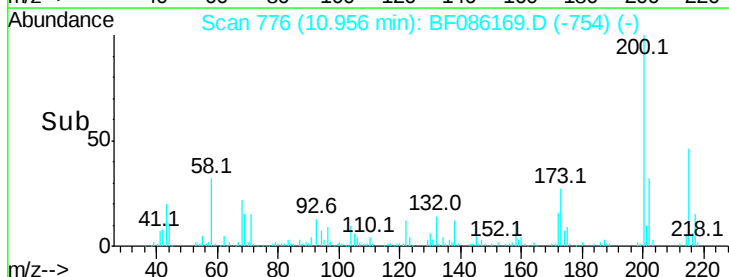
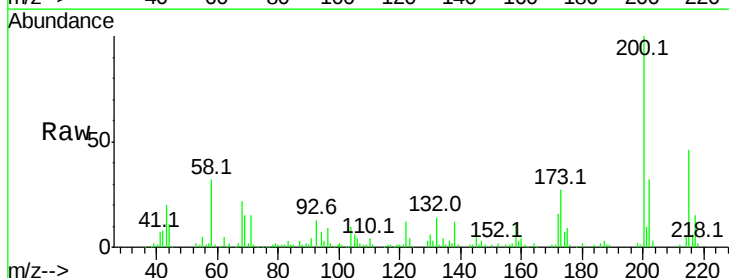
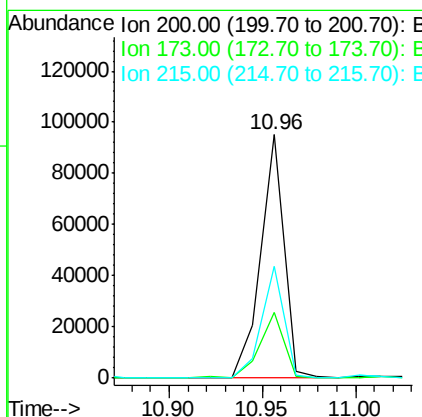
RT: 10.96 min Scan# 776

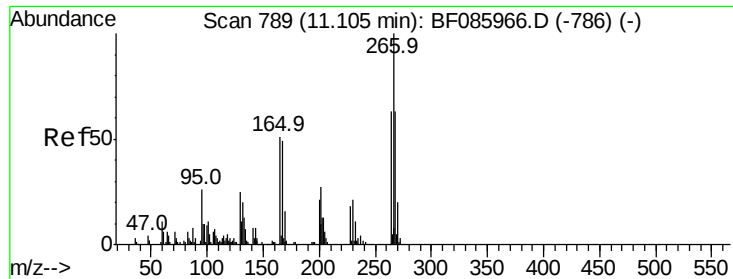
Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion:	200	Resp:	81645
Ion Ratio	Lower	Upper	
200	100		
173	26.9	7.7	47.7
215	46.0	25.4	65.4





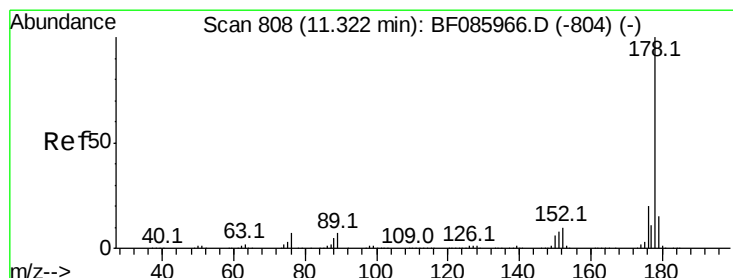
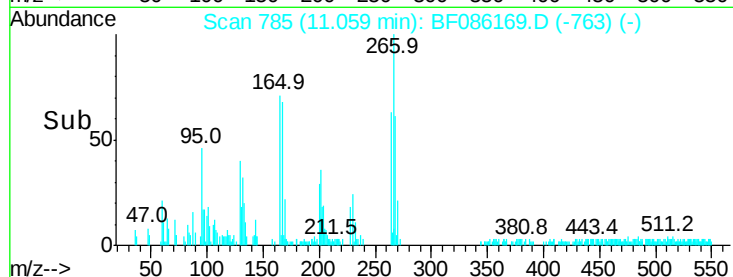
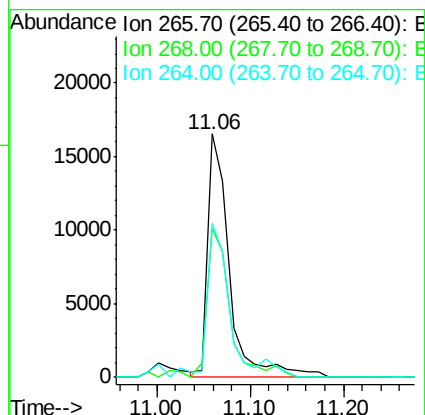
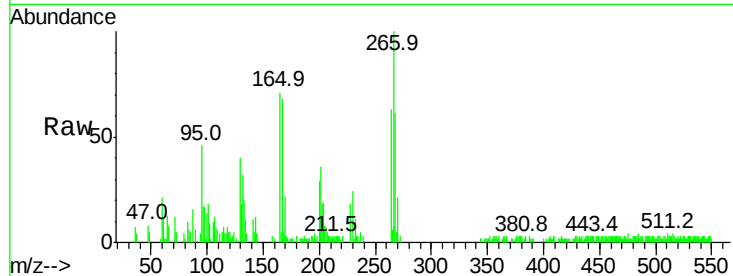
#69
 Pentachlorophenol
 Concen: 12.03 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
266	100	26969		
268	61.3		51.5	77.3
264	63.2		50.6	76.0

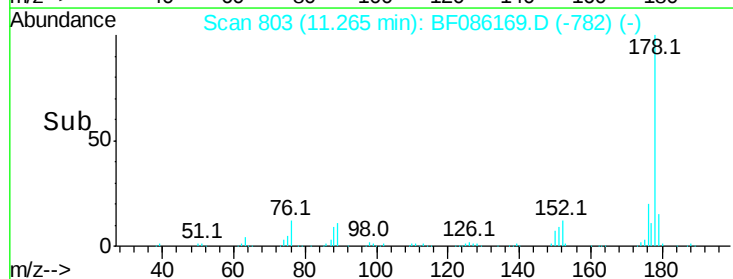
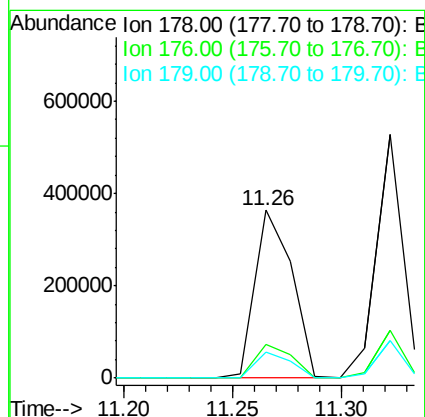
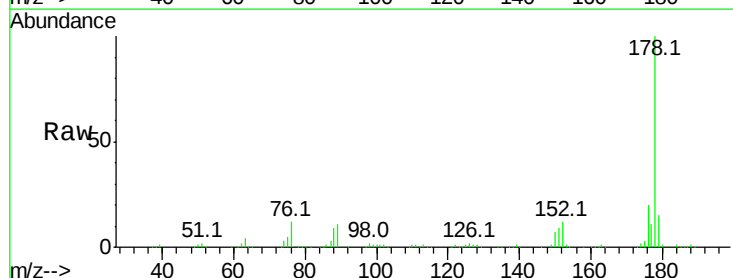
Manual Integrations
 APPROVED

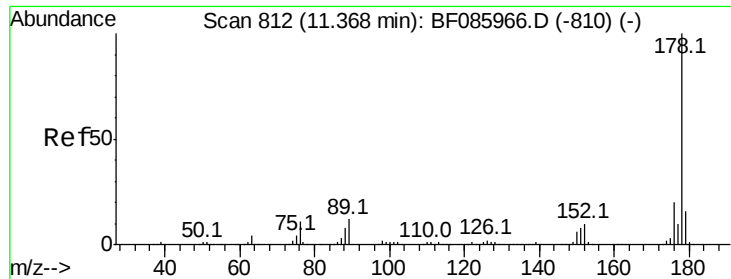
Sohil
 4/11/2016 5:45:10 PM



#70
 Phenanthrene
 Concen: 17.55 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	433967		
176	19.9		16.3	24.5
179	15.5		12.6	18.8





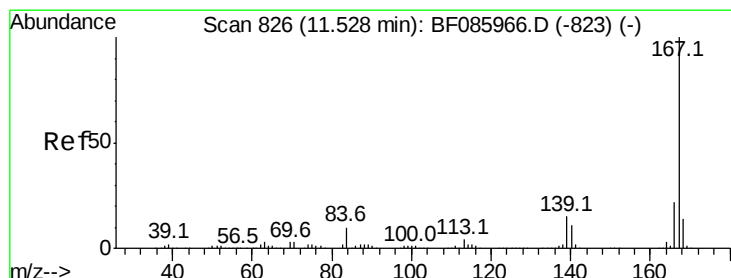
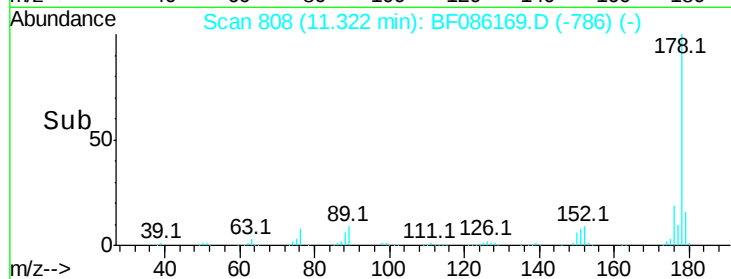
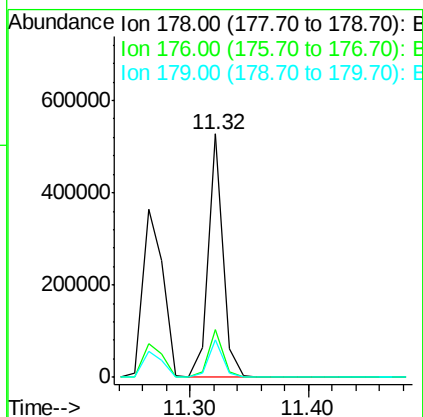
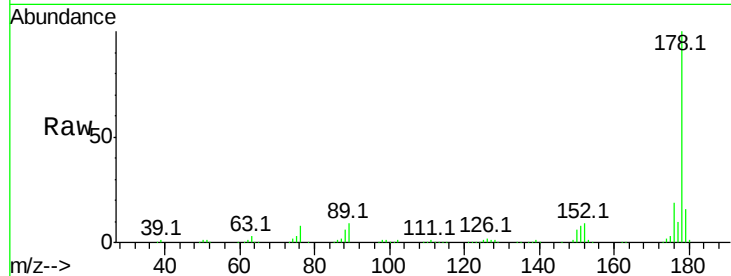
#71
 Anthracene
 Concen: 17.58 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.05 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.7	13.0	19.4

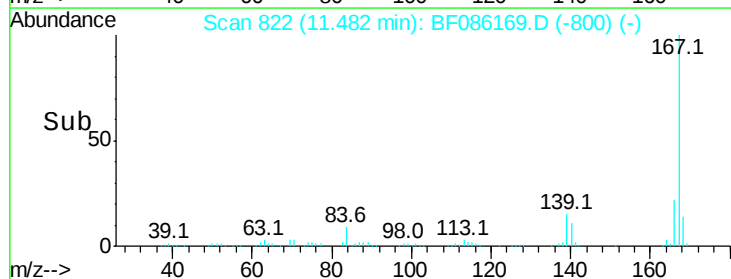
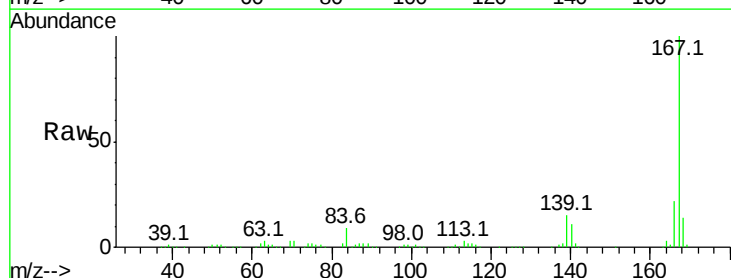
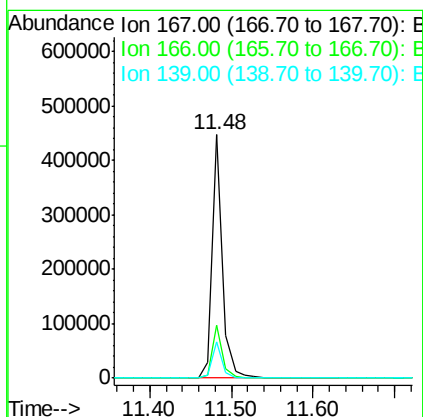
Manual Integrations
 APPROVED

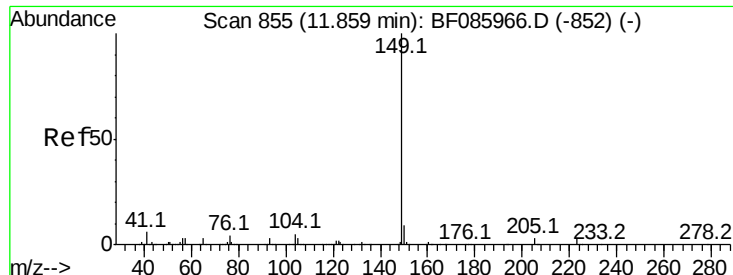
Sohil
 4/11/2016 5:45:10 PM



#72
 Carbazole
 Concen: 17.85 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.05 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	14.8	11.6	17.4





#73

Di-n-butylphthalate

Concen: 18.91 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

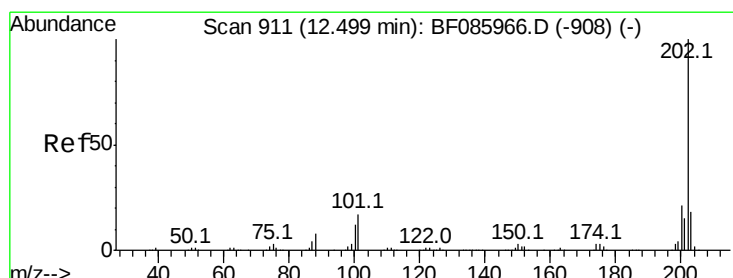
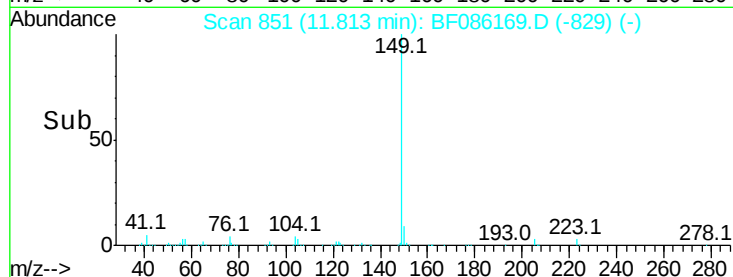
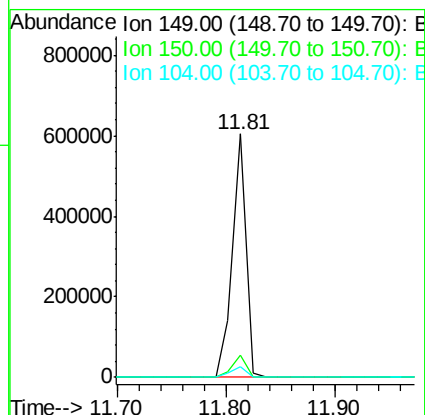
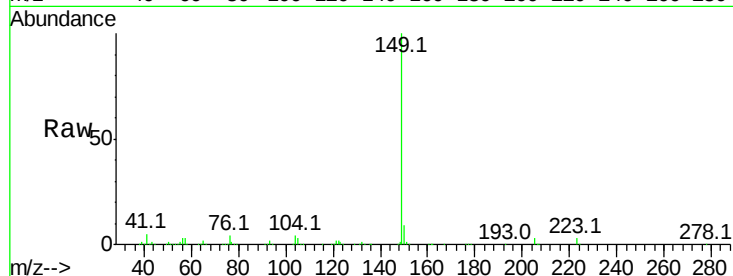
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	149	Resp:	521723
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.6	11.4
104	4.5	3.8	5.8

Manual Integrations
APPROVED

Sohil
4/11/2016 5:45:10 PM



#74

Fluoranthene

Concen: 16.31 ng

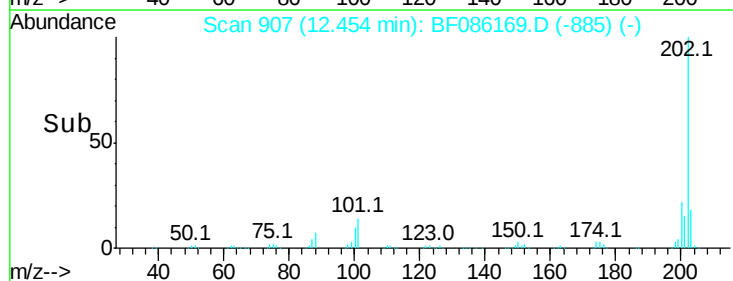
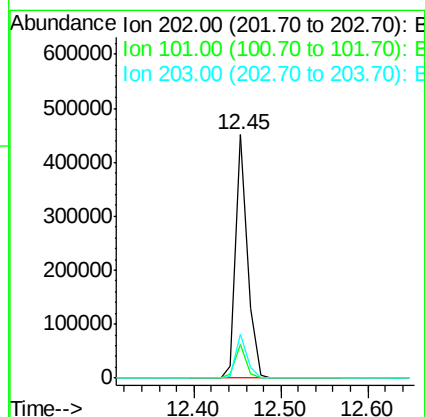
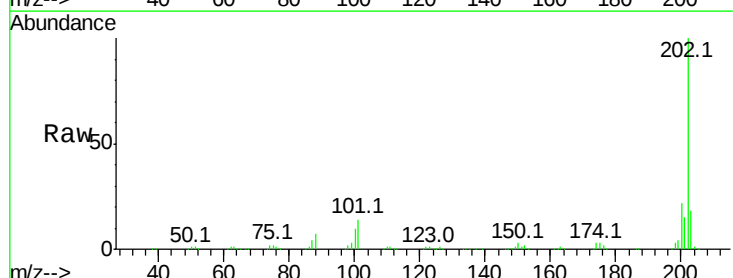
RT: 12.45 min Scan# 907

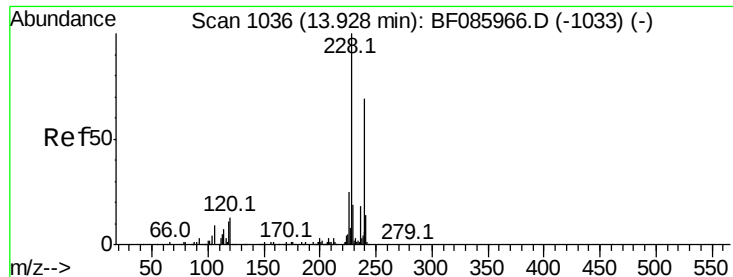
Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion:	202	Resp:	419505
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	36.6
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

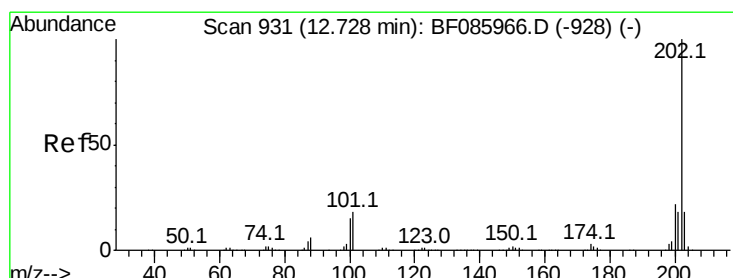
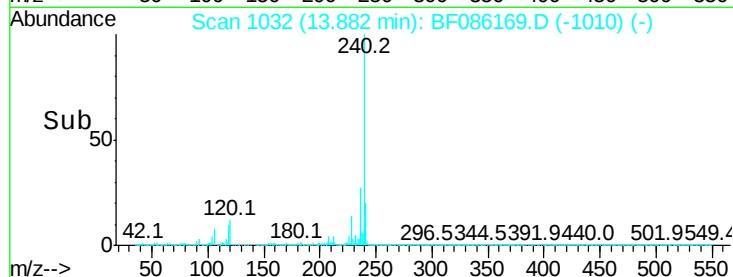
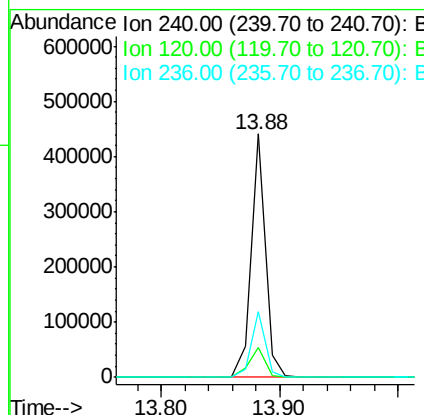
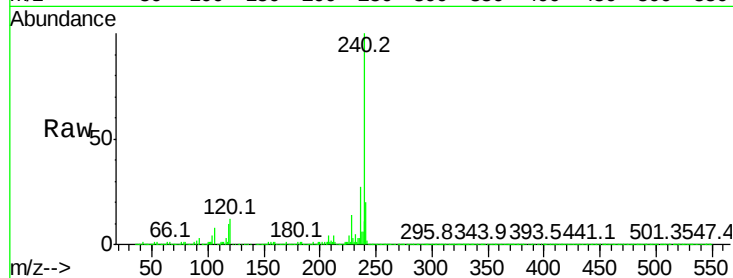
ClientSampleId :

LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	13.8	20.8#
236	26.7	20.6	30.8

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#77

Pyrene

Concen: 16.57 ng

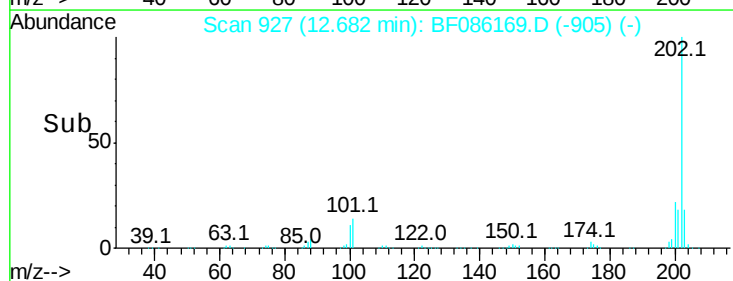
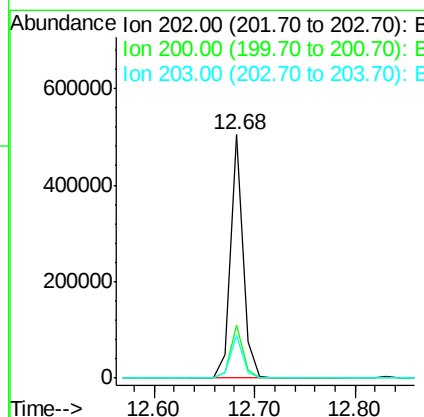
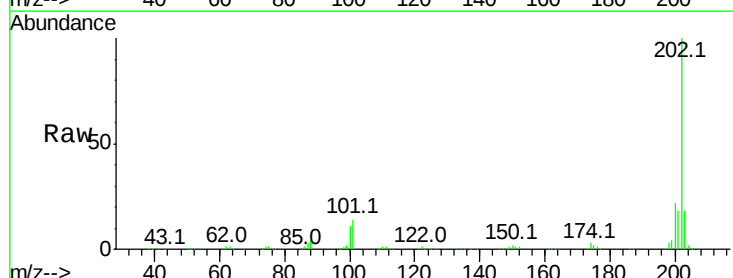
RT: 12.68 min Scan# 927

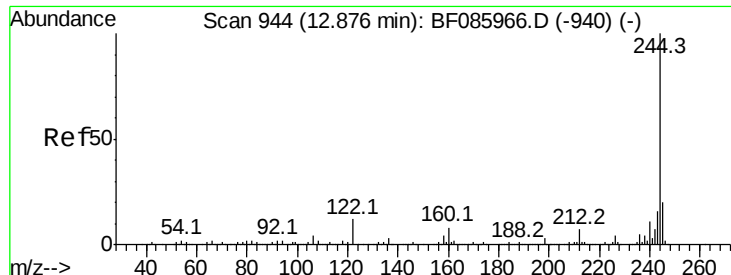
Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.6	14.0	21.0





#78

Terphenyl-d14

Concen: 72.71 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tot Ion:244 Resp: 1156918

Ion Ratio Lower Upper

244 100

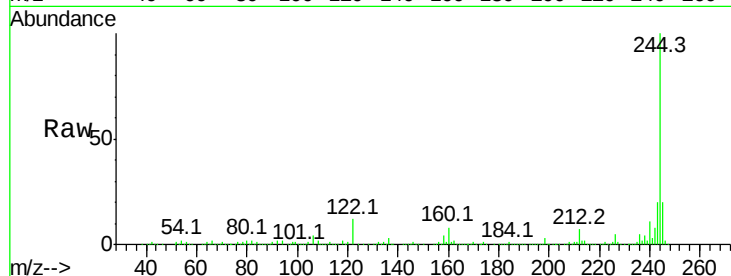
212 7.4 6.1 9.1

122 11.8 10.2 15.4

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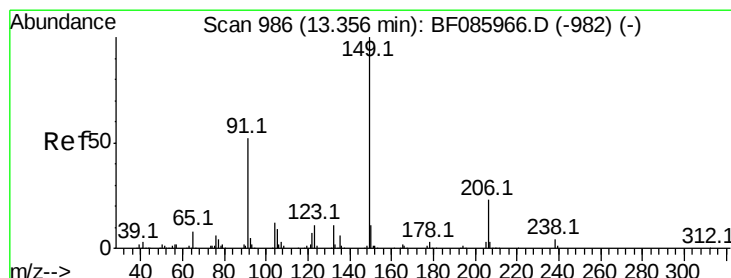
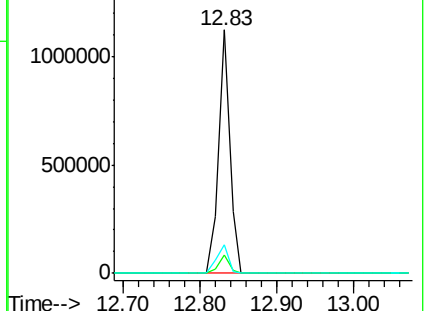
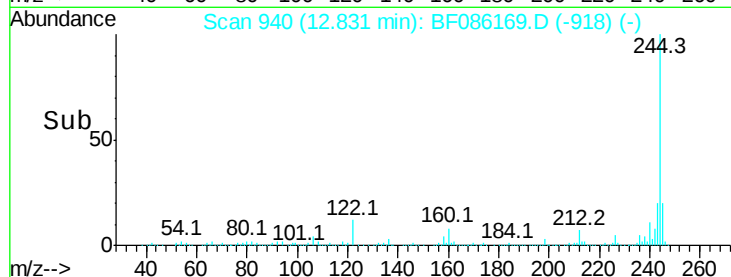
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 15.85 ng

RT: 13.30 min Scan# 981

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

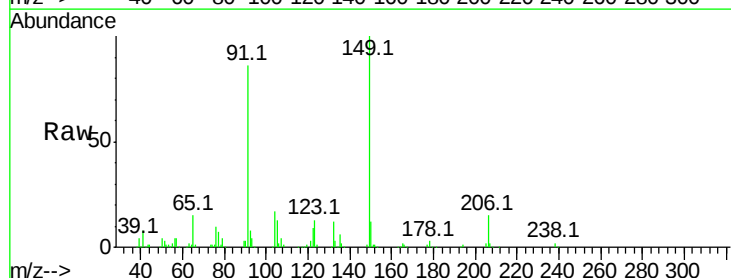
Tgt Ion:149 Resp: 188049

Ion Ratio Lower Upper

149 100

91 86.4 45.8 68.8#

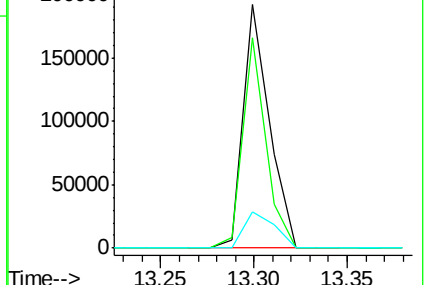
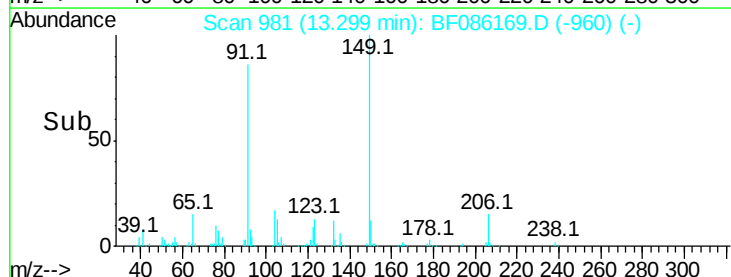
206 15.0 17.8 26.8#

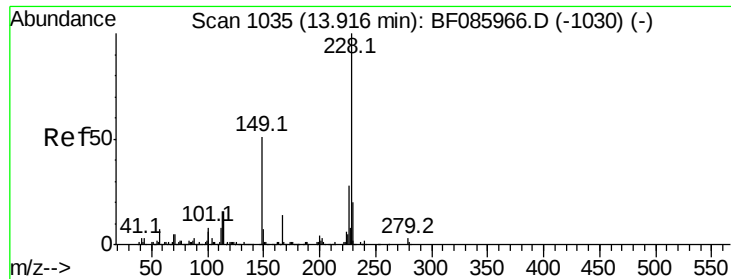


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





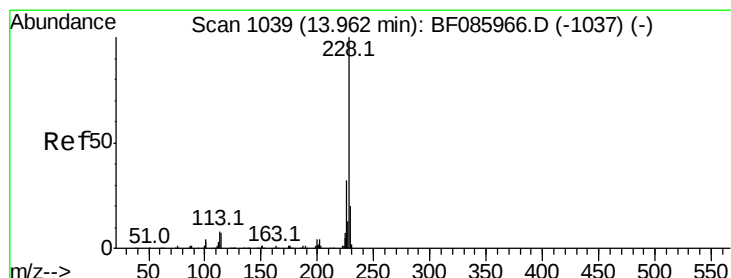
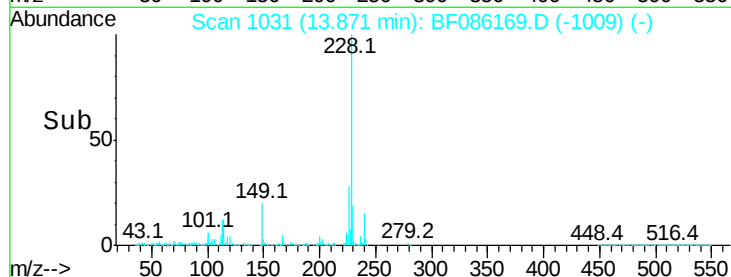
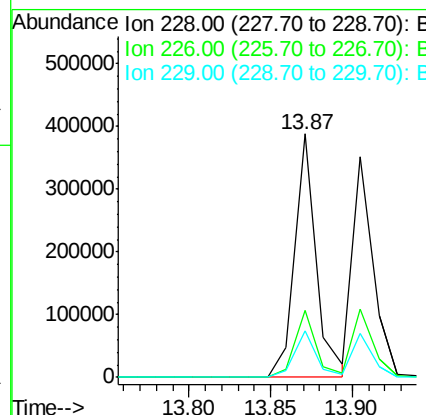
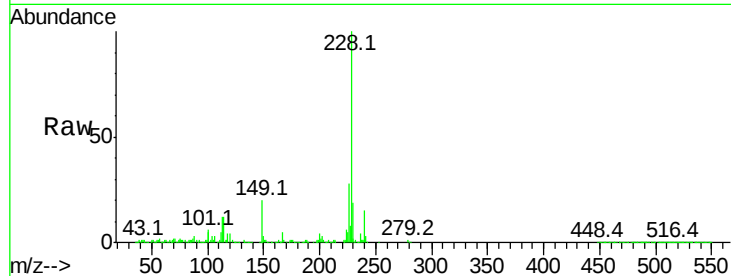
#80
Benzo(a)anthracene
Concen: 16.27 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	19.3	16.2	24.4

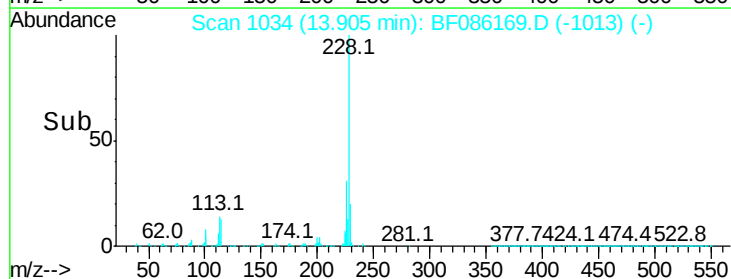
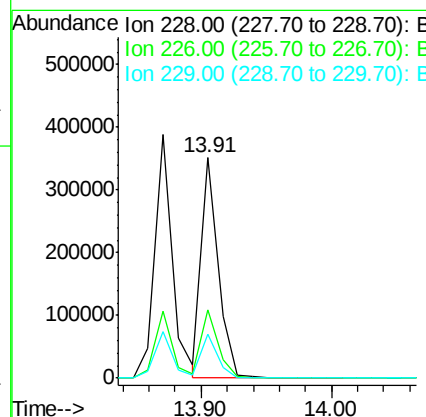
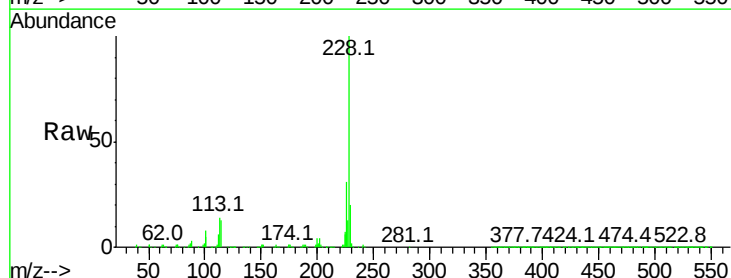
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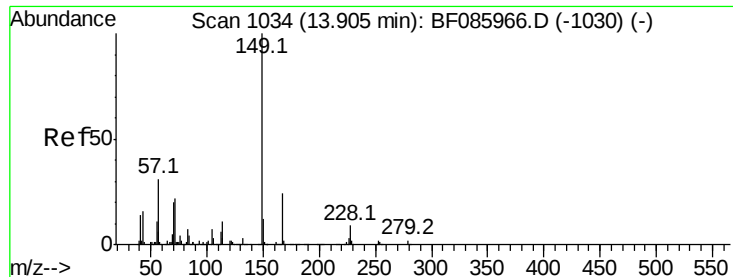
Sohil
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#82
Chrysene
Concen: 14.86 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.0	15.7	23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 17.56 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

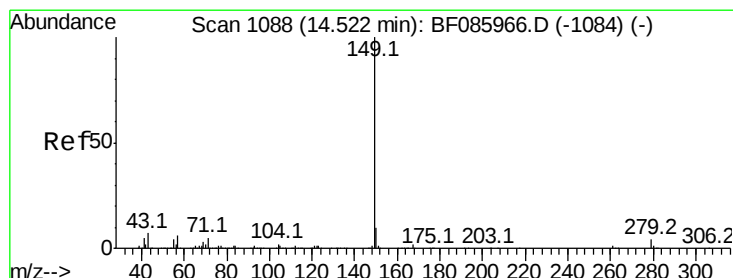
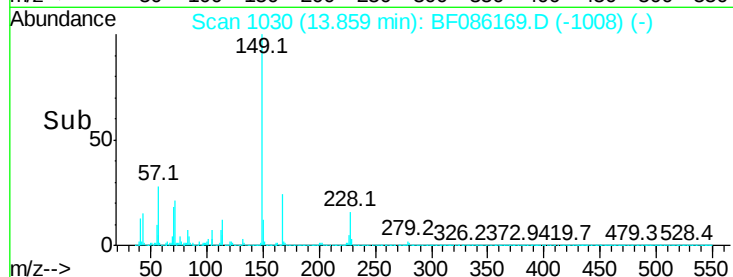
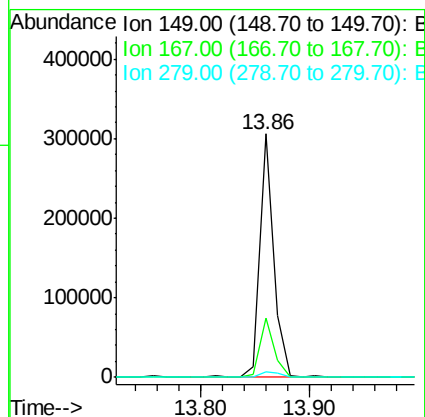
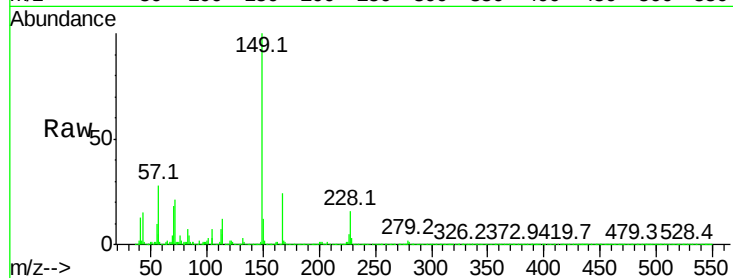
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	149	Resp:	276580
Ion Ratio	Lower	Upper	
149	100		
167	24.3	19.4	29.2
279	2.1	1.5	2.3

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#84

Di-n-octyl phthalate

Concen: 17.83 ng

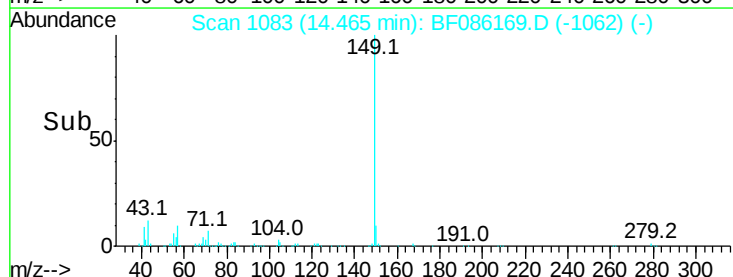
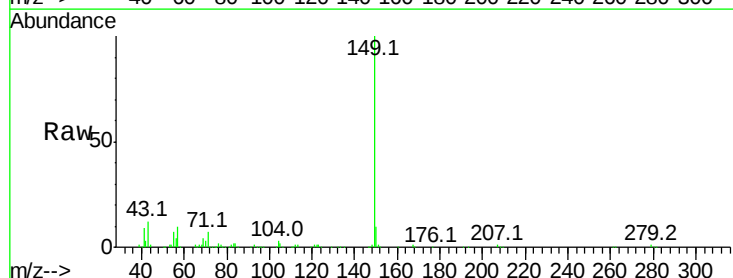
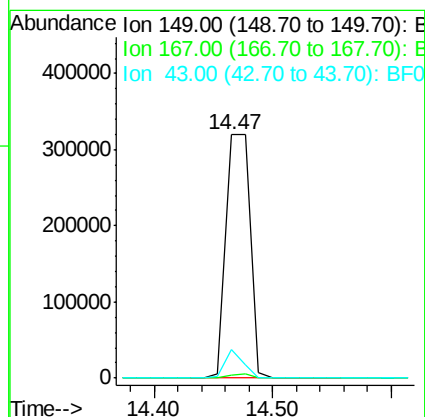
RT: 14.47 min Scan# 1083

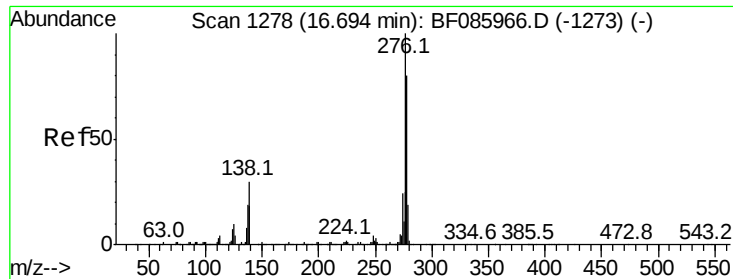
Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion:	149	Resp:	448480
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	8.6	7.1	10.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 13.76 ng

RT: 16.61 min Scan# 1271

Delta R.T. -0.08 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

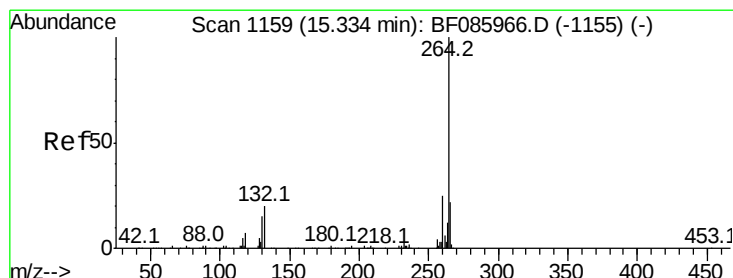
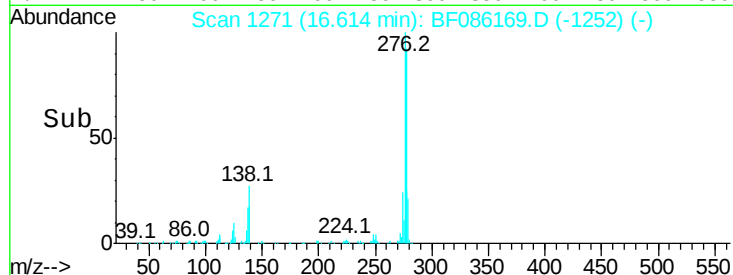
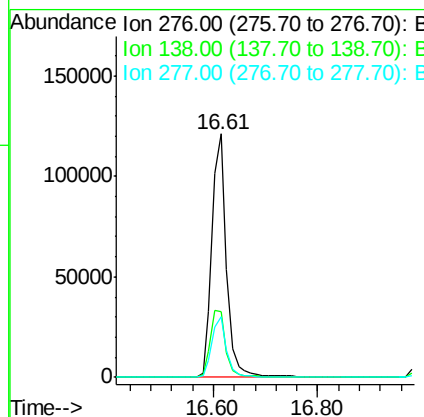
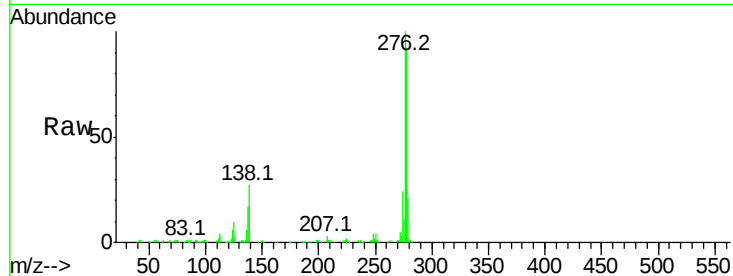
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	276	Resp:	237143
Ion Ratio	Lower	Upper	
276	100		
138	29.3	24.2	36.4
277	24.8	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

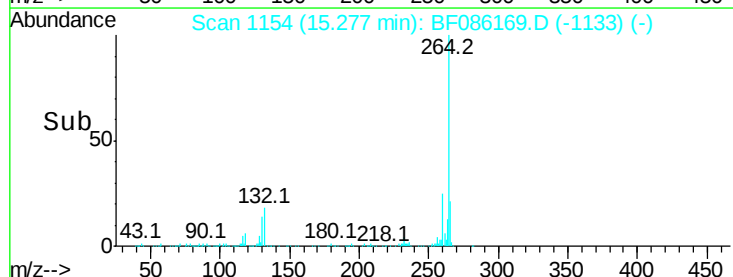
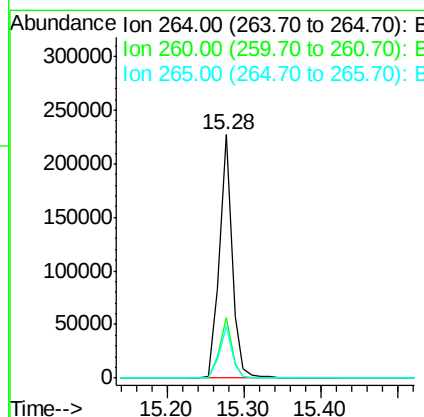
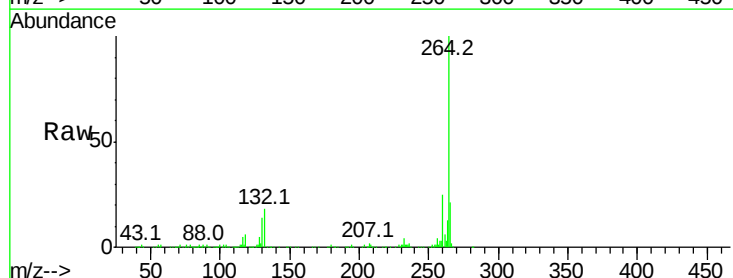
RT: 15.28 min Scan# 1154

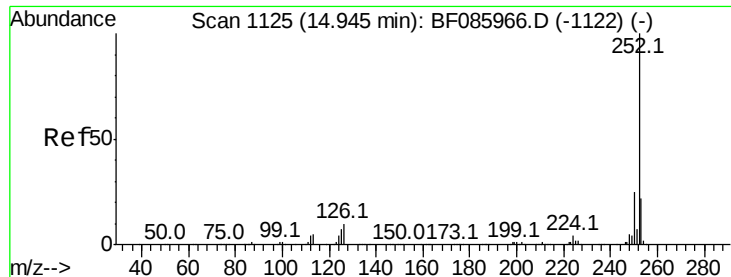
Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion:	264	Resp:	264699
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.4	29.2
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 18.14 ng m

RT: 14.89 min Scan# 1120

Delta R.T. -0.06 min

Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Instrument :

BNA_F

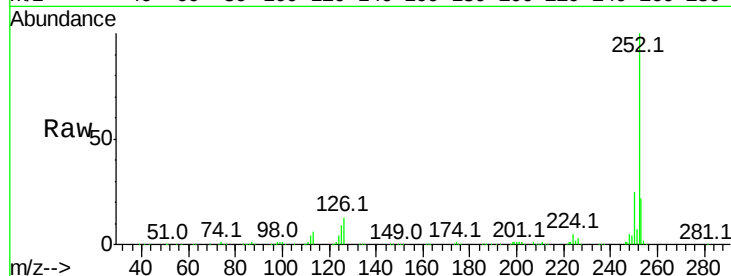
ClientSampleId :

LOQ-WATER2016-02

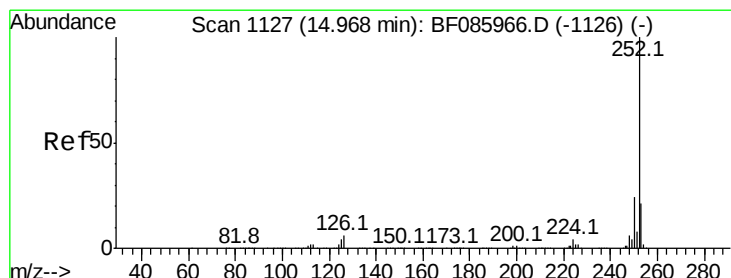
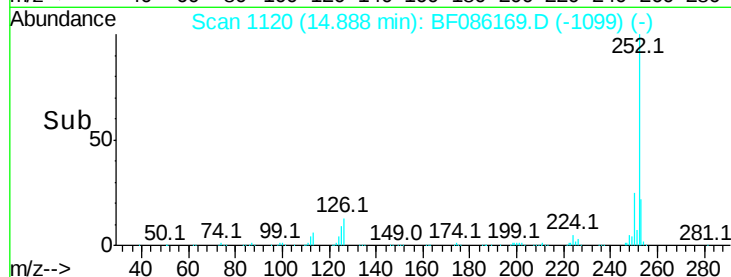
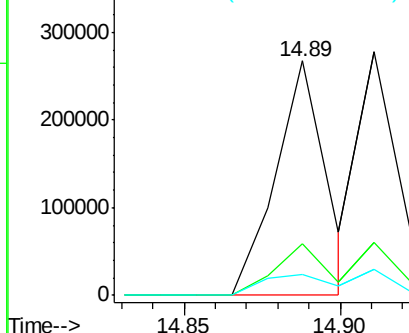
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.1	10.3	15.5#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 17.35 ng m

RT: 14.91 min Scan# 1122

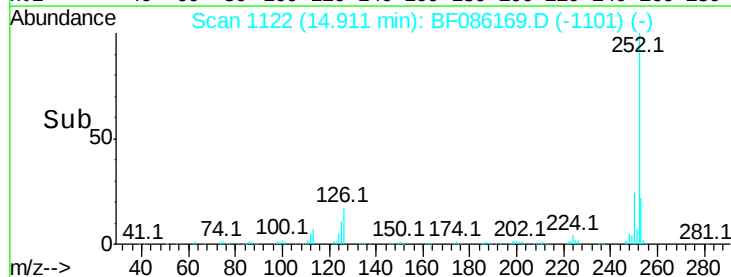
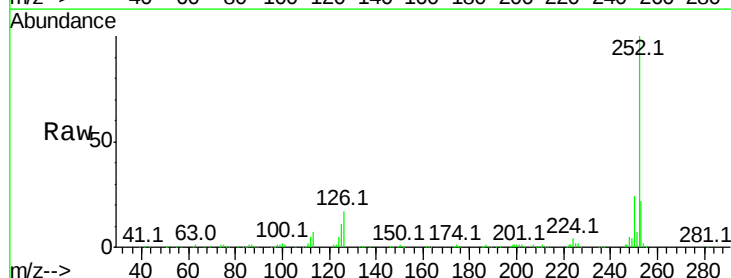
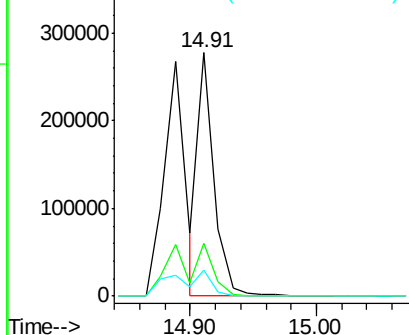
Delta R.T. -0.06 min

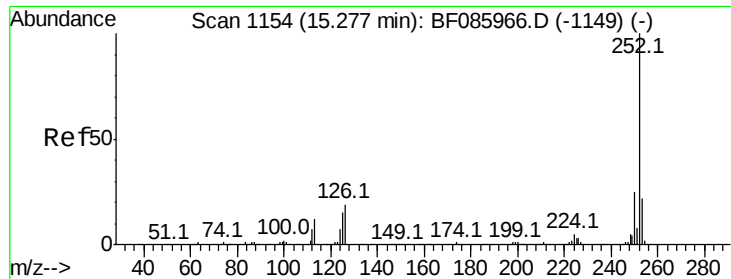
Lab File: BF086169.D

Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	10.9	7.7	11.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





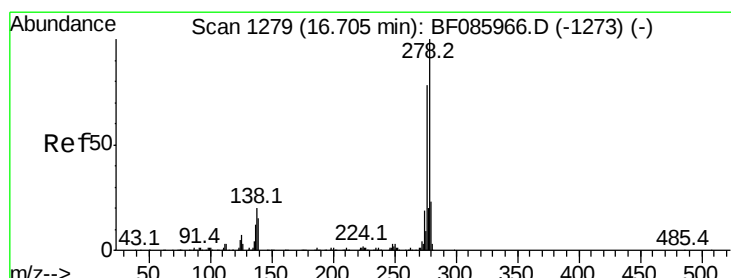
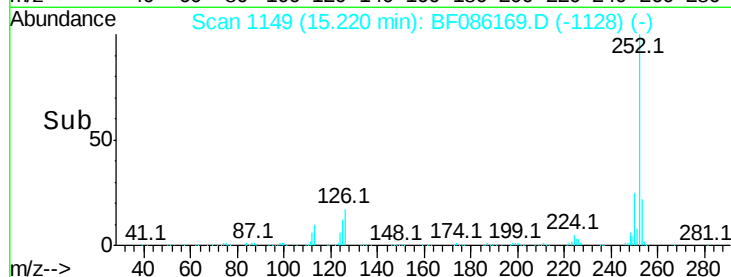
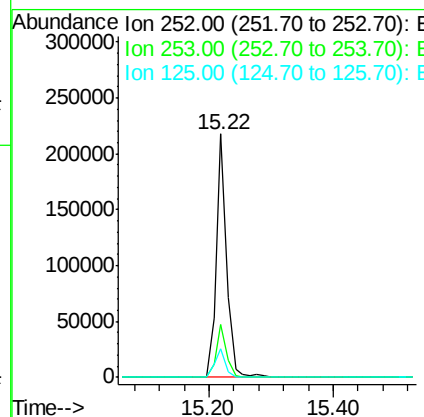
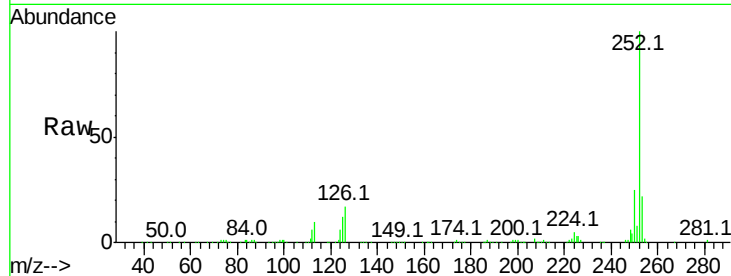
#89
Benzo(a)pyrene
Concen: 16.91 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	11.9	10.3	15.5

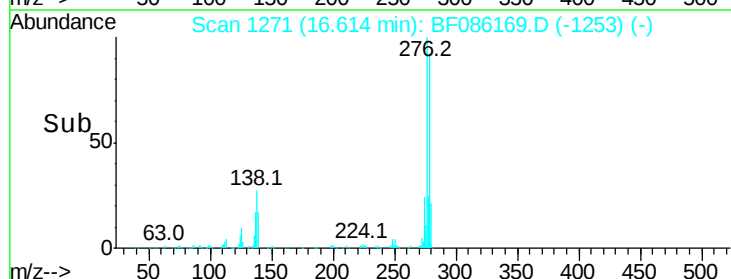
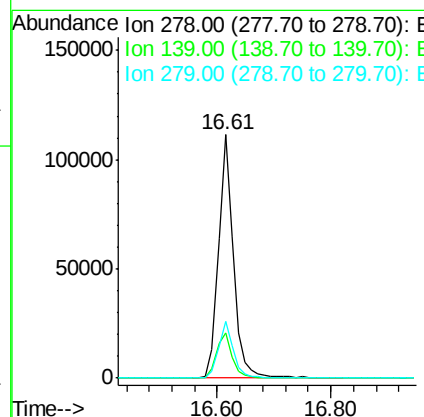
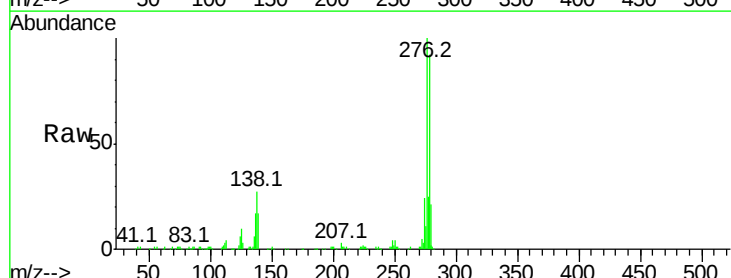
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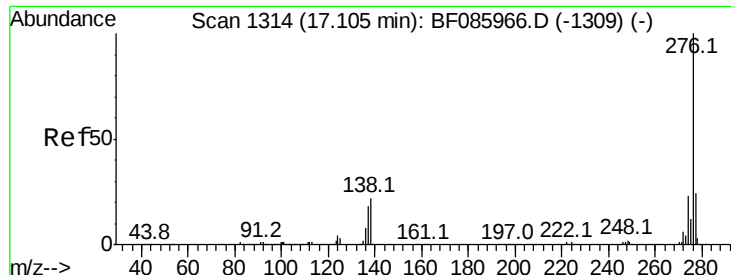
Sohil
4/11/2016 5:45:10 PM



#90
Dibenzo(a,h)anthracene
Concen: 17.06 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.09 min
Lab File: BF086169.D
Acq: 8 Apr 2016 15:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.8	14.4	21.6
279	23.1	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 16.92 ng
 RT: 17.00 min Scan# 1305
 Delta R.T. -0.10 min
 Lab File: BF086169.D
 Acq: 8 Apr 2016 15:39

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion:	276	Resp:	194377
Ion Ratio	Lower	Upper	
276	100		
277	24.4	18.8	28.2
138	28.0	22.6	34.0

Manual Integrations
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