

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF085988.D
 Acq On : 2 Apr 2016 4:02
 Operator : UM/SJ
 Sample : H1824-06
 Misc : L00 20PPM
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Manual Integrations
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Sohil
 4/4/2016 7:43:48 PM

Quant Time: Apr 02 04:30:04 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	6.77	152	105372	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	406216	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	198411	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	378380	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	340290	20.00	ng	0.00
86) Perylene-d12	15.33	264	288478	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	690407	111.99	ng	0.00
7) Phenol-d6	6.42	99	937872	119.78	ng	0.00
23) Nitrobenzene-d5	7.34	82	573167	83.21	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	249009	133.71	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1017835	85.29	ng	0.00
78) Terphenyl-d14	12.88	244	1018163	70.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	37270	12.75	ng	98
3) Pyridine	3.14	79	90376m	13.81	ng	
4) n-Nitrosodimethylamine	3.04	42	38817	13.49	ng	98
6) Aniline	6.44	93	86435	8.41	ng	97
8) 2-Chlorophenol	6.56	128	114646	15.59	ng	96
9) Benzaldehyde	6.33	77	82330	19.54	ng	94
10) Phenol	6.43	94	123982	13.88	ng	93
11) bis(2-Chloroethyl)ether	6.51	93	110383	15.61	ng	96
12) 1,3-Dichlorobenzene	6.72	146	110531	14.19	ng	98
13) 1,4-Dichlorobenzene	6.80	146	117065m	14.58	ng	
14) 1,2-Dichlorobenzene	6.94	146	110019	14.89	ng	98
15) Benzyl Alcohol	6.92	79	85563	16.89	ng	85
16) 2,2'-oxybis(1-Chloropropan	7.06	45	125601	14.54	ng	92
17) 2-Methylphenol	7.04	107	95096	16.41	ng	99
18) Hexachloroethane	7.28	117	42472	14.38	ng	# 78
19) n-Nitroso-di-n-propylamine	7.18	70	73521	15.15	ng	# 89
20) 3+4-Methylphenols	7.20	107	115430	16.37	ng	# 82
22) Acetophenone	7.18	105	161859	16.95	ng	# 92
24) Nitrobenzene	7.36	77	111060	14.74	ng	98
25) Isophorone	7.60	82	210782	15.50	ng	99
26) 2-Nitrophenol	7.68	139	52873	14.66	ng	# 78
27) 2,4-Dimethylphenol	7.72	122	106257	16.41	ng	95
28) bis(2-Chloroethoxy)methane	7.81	93	133116	16.68	ng	99
29) 2,4-Dichlorophenol	7.93	162	81383	14.87	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	93461	15.21	ng	99
31) Naphthalene	8.08	128	322685	15.79	ng	99
32) Benzoic acid	7.82	122	42419	8.93	ng	98
33) 4-Chloroaniline	8.14	127	59794	7.24	ng	98
34) Hexachlorobutadiene	8.20	225	47299	14.32	ng	98
35) Caprolactam	8.49	113	28452	16.38	ng	# 82
36) 4-Chloro-3-methylphenol	8.62	107	90588	14.72	ng	94
37) 2-Methylnaphthalene	8.77	142	214239	16.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	84773	14.22	ng	99
40) Hexachlorocyclopentadiene	8.92	237	20067	17.22	ng	99

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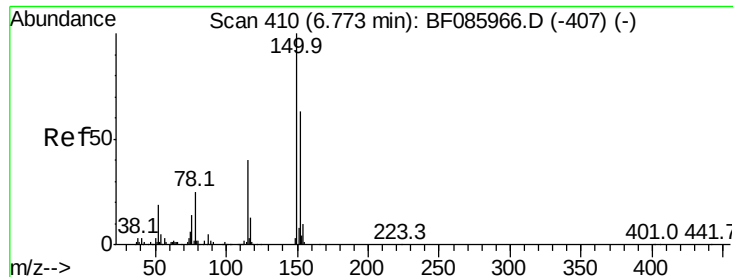
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	51278	13.39	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	56869	14.63	nq	96
45) 1,1'-Biphenyl	9.23	154	256952	15.02	nq	98
46) 2-Chloronaphthalene	9.25	162	183443	14.79	nq	# 90
47) 2-Nitroaniline	9.36	65	55610	15.33	nq	# 78
48) Acenaphthylene	9.66	152	305242	15.37	nq	99
49) Dimethylphthalate	9.54	163	224224	15.25	nq	99
50) 2,6-Dinitrotoluene	9.60	165	43744	14.06	nq	# 83
51) Acenaphthene	9.84	154	180908	15.31	nq	99
52) 3-Nitroaniline	9.77	138	38061	10.15	nq	85
53) 2,4-Dinitrophenol	9.89	184	15855	14.62	nq	# 82
54) Dibenzofuran	10.02	168	272984	17.50	nq	96
55) 4-Nitrophenol	9.95	139	26541	12.01	nq	96
56) 2,4-Dinitrotoluene	10.01	165	67103	17.07	nq	# 59
57) Fluorene	10.35	166	212872	15.97	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	46335	16.01	nq	98
59) Diethylphthalate	10.24	149	234975	15.83	nq	99
60) 4-Chlorophenyl-phenylether	10.35	204	103586	16.68	nq	92
61) 4-Nitroaniline	10.38	138	52328	14.17	nq	98
62) Azobenzene	10.51	77	252592	17.77	nq	96
64) 4,6-Dinitro-2-methylphenol	10.42	198	29492	12.86	nq	# 75
65) n-Nitrosodiphenylamine	10.46	169	186000	15.72	nq	98
66) 4-Bromophenyl-phenylether	10.84	248	56951	14.74	nq	# 89
67) Hexachlorobenzene	10.91	284	58120	14.55	nq	# 91
68) Atrazine	10.99	200	56358	14.74	nq	93
69) Pentachlorophenol	11.10	266	23353	12.47	nq	98
70) Phenanthrene	11.31	178	324785	15.73	nq	100
71) Anthracene	11.37	178	352241	16.29	nq	98
72) Carbazole	11.53	167	307352	16.54	nq	97
73) Di-n-butylphthalate	11.86	149	358118	15.55	nq	98
74) Fluoranthene	12.50	202	334969	15.60	nq	95
76) Benzidine	12.62	184	87372	7.28	nq	98
77) Pyrene	12.73	202	354513	14.78	nq	99
79) Butylbenzylphthalate	13.34	149	153186	14.19	nq	# 77
80) Benzo(a)anthracene	13.92	228	301050	15.01	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	44009	3.00	nq	# 97
82) Chrysene	13.95	228	270278	13.99	nq	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	215845	15.06	nq	99
84) Di-n-octyl phthalate	14.51	149	328947	14.37	nq	100
85) Indeno(1,2,3-cd)pyrene	16.68	276	223996	14.29	nq	98
87) Benzo(b)fluoranthene	14.93	252	255593m	14.08	nq	
88) Benzo(k)fluoranthene	14.96	252	257164m	16.00	nq	
89) Benzo(a)pyrene	15.28	252	244455	15.20	nq	# 97
90) Dibenzo(a,h)anthracene	16.69	278	185058	14.31	nq	99
91) Benzo(g,h,i)perylene	17.09	276	179143	14.31	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

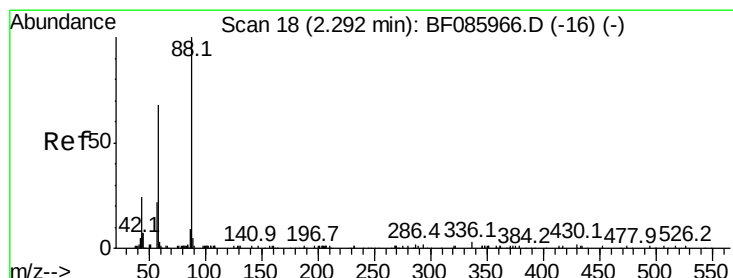
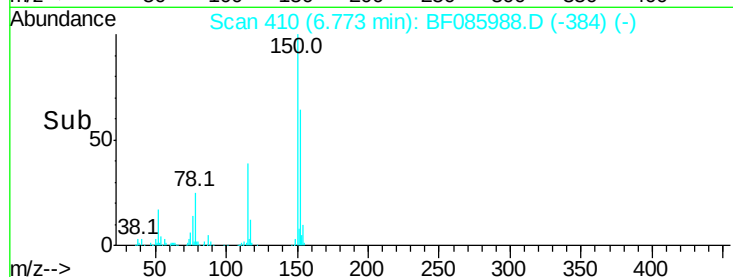
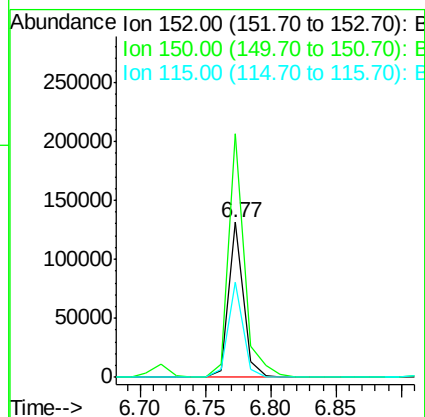
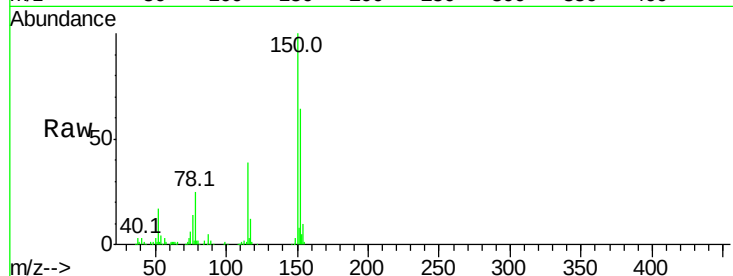
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	152	Resp:	105372
Ion Ratio	Lower	Upper	
152	100		
150	157.2	124.2	186.2
115	61.8	47.0	70.6

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#2

1,4-Dioxane

Concen: 12.75 ng

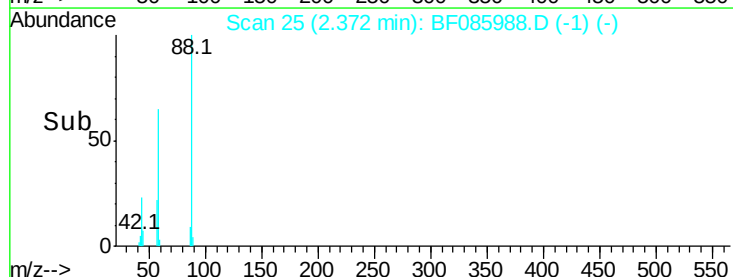
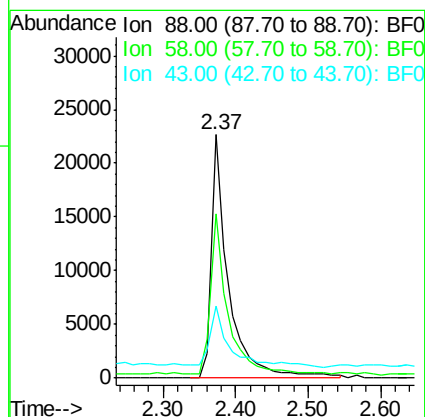
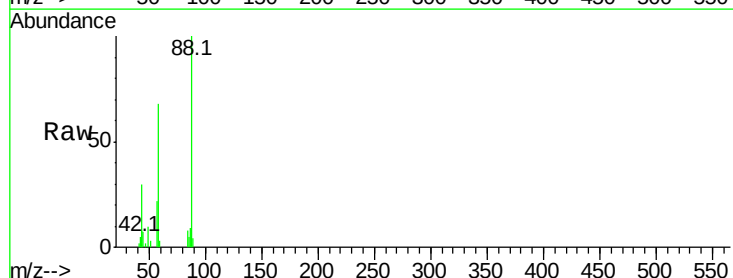
RT: 2.37 min Scan# 25

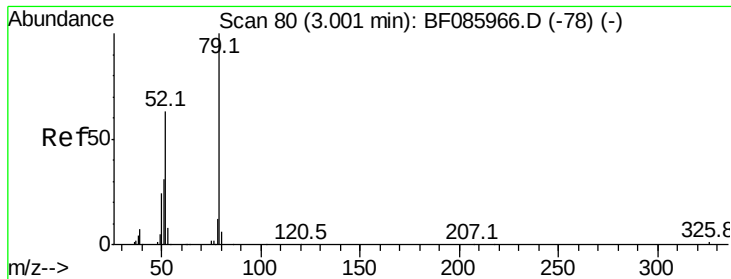
Delta R.T. 0.08 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Tgt Ion:	88	Resp:	37270
Ion Ratio	Lower	Upper	
88	100		
58	66.3	54.2	81.2
43	23.0	19.3	28.9





#3

Pvridine

Concen: 13.81 ng/ml

RT: 3.14 min Scan# 92

Delta R.T. 0.14 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

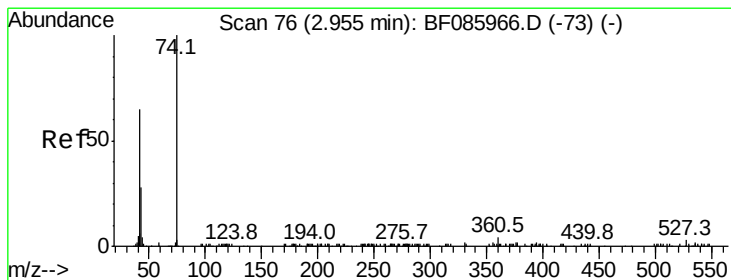
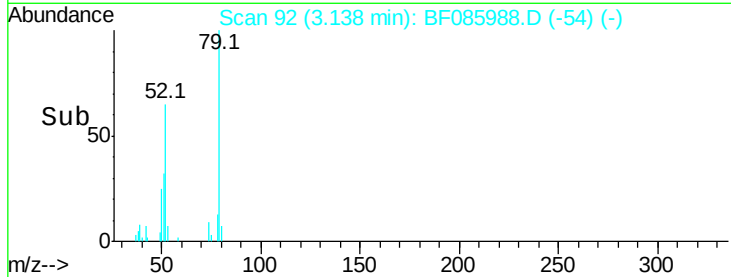
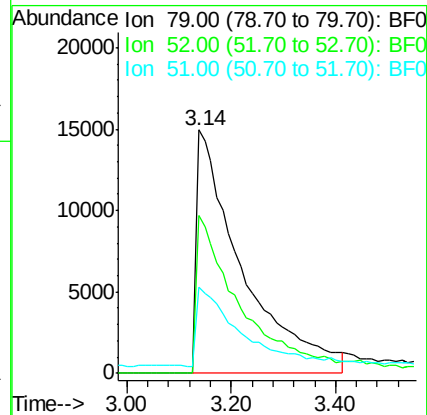
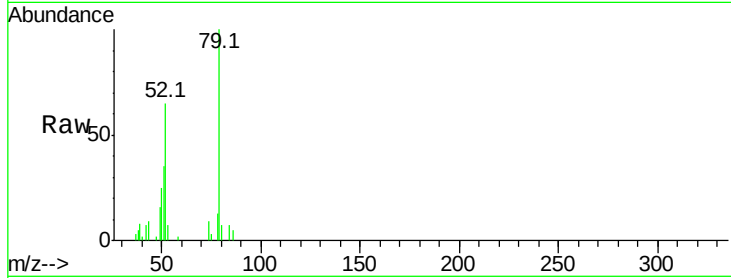
ClientSampleId :

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Tot Ion	79	Resp	90376
Ion Ratio	Lower	Upper	
79	100		
52	64.9	49.8	74.6
51	35.4	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 13.49 ng/ml

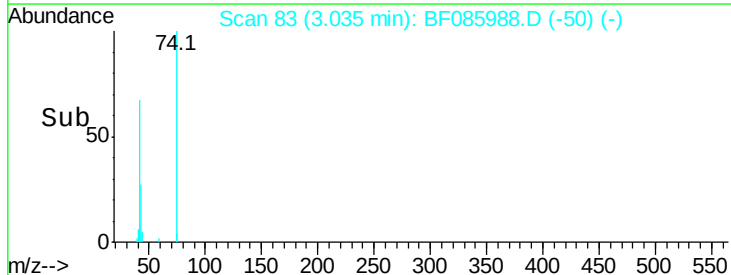
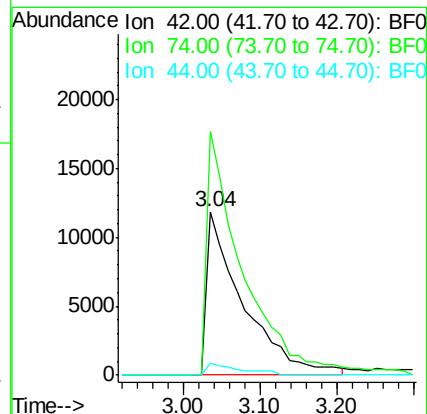
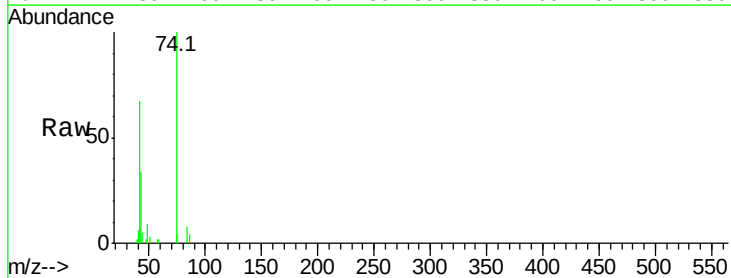
RT: 3.04 min Scan# 83

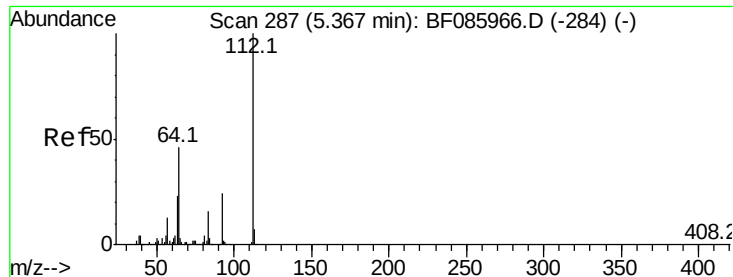
Delta R.T. 0.08 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Tgt Ion	42	Resp	38817
Ion Ratio	Lower	Upper	
42	100		
74	149.1	121.4	182.2
44	7.5	5.6	8.4





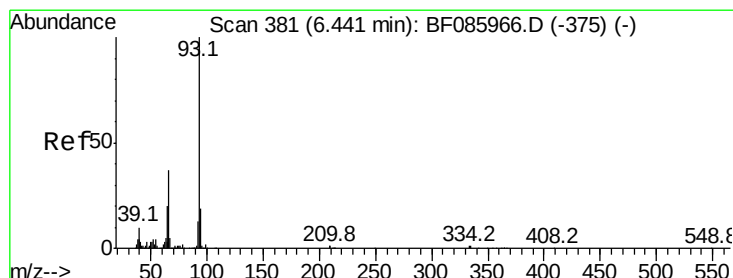
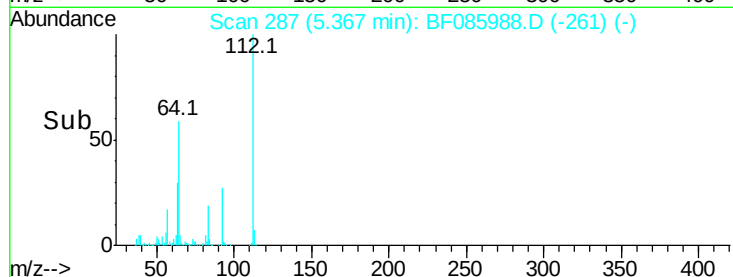
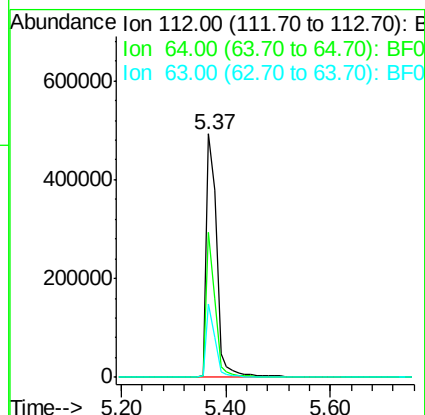
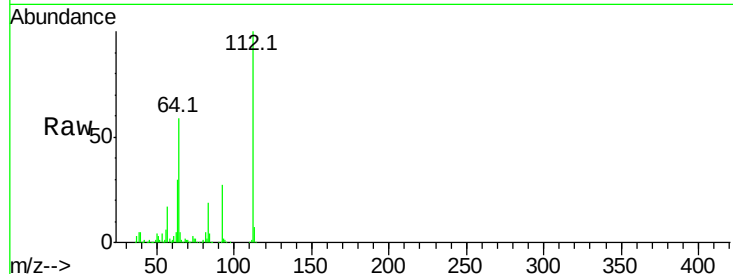
#5
2-Fluorophenol
Concen: 111.99 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		690407		
64	59.5	39.9	59.9		
63	30.1	20.2	30.2		

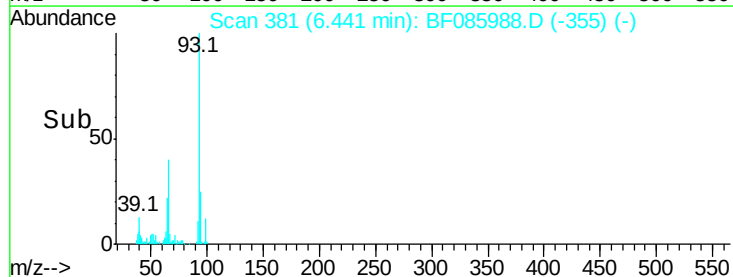
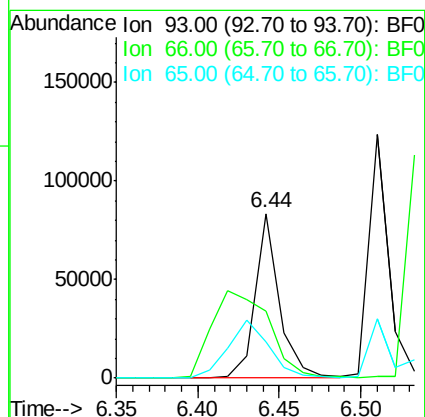
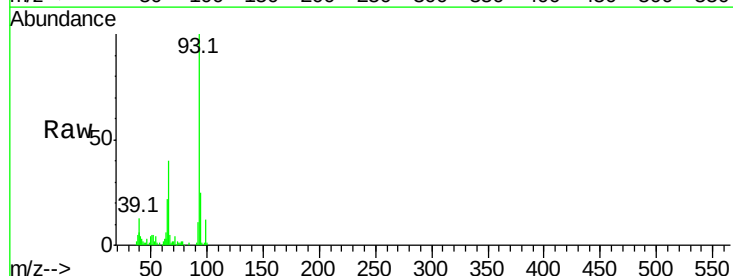
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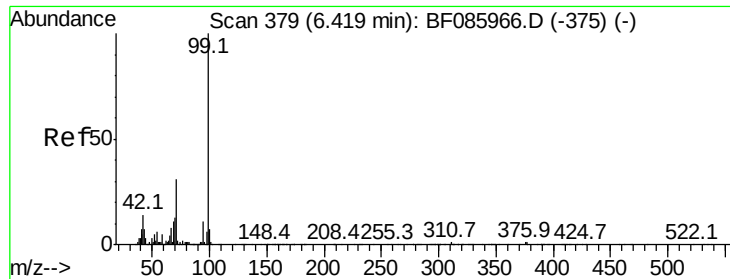
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#6
Aniline
Concen: 8.41 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		86435		
66	40.4	31.4	47.2		
65	21.8	15.7	23.5		





#7

Phenol-d6

Concen: 119.78 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

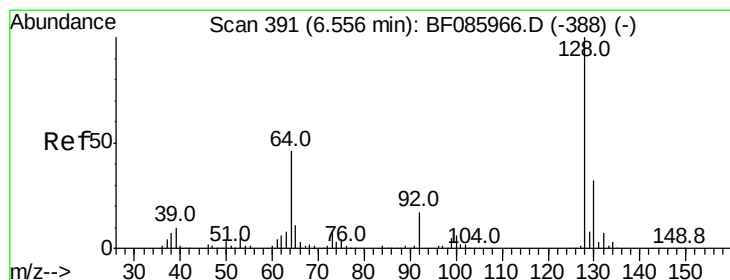
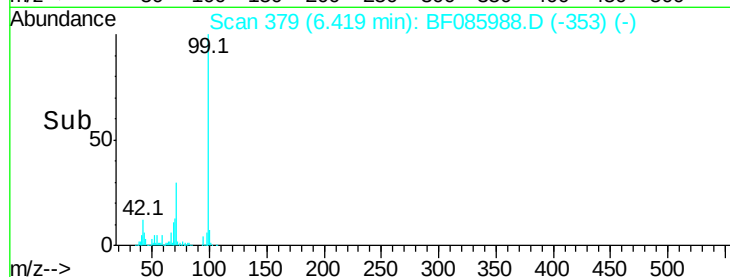
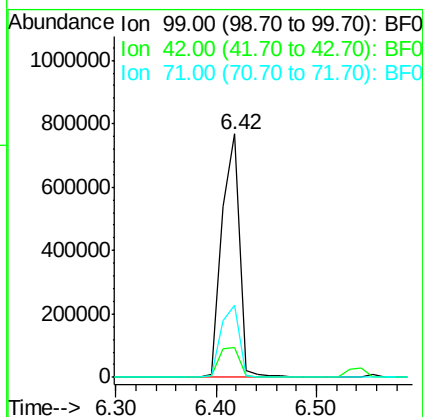
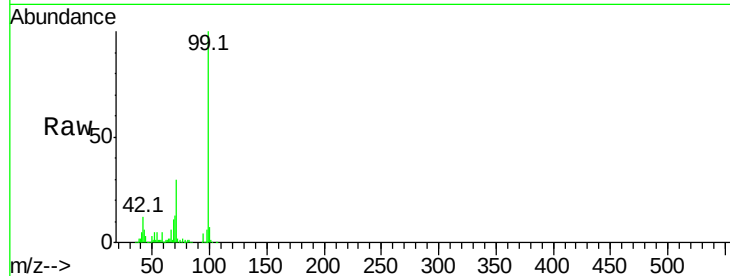
ClientSampleId :

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Tot Ion:	99	Resp:	937872
Ion Ratio	Lower	Upper	
99	100		
42	12.4	11.1	16.7
71	29.8	24.9	37.3

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#8

2-Chlorophenol

Concen: 15.59 ng

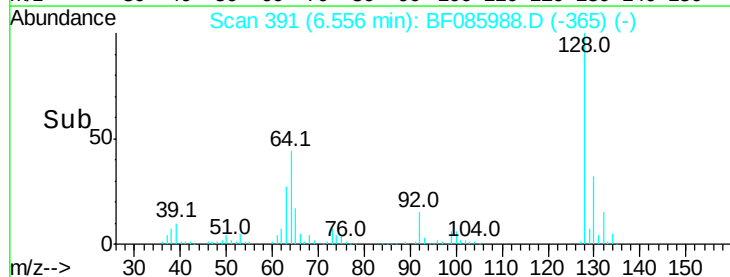
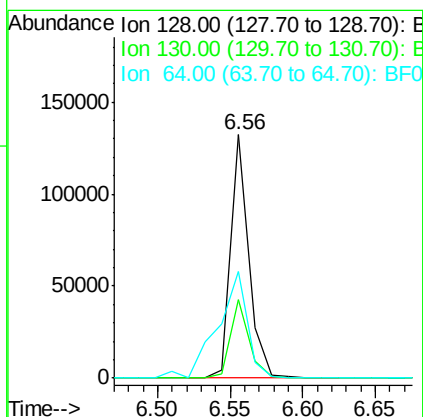
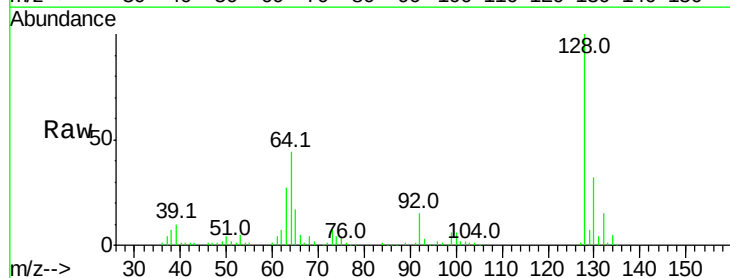
RT: 6.56 min Scan# 391

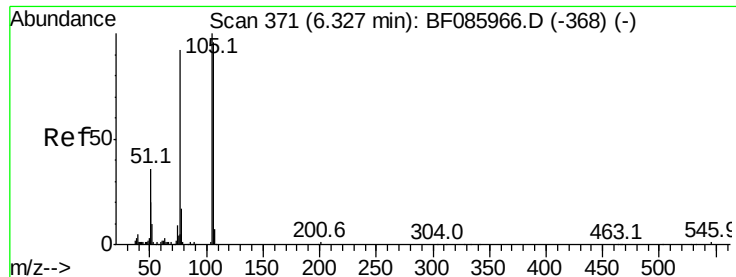
Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Tgt Ion:	128	Resp:	114646
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.9	52.9
64	43.7	20.2	60.2





#9

Benzaldehyde

Concen: 19.54 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

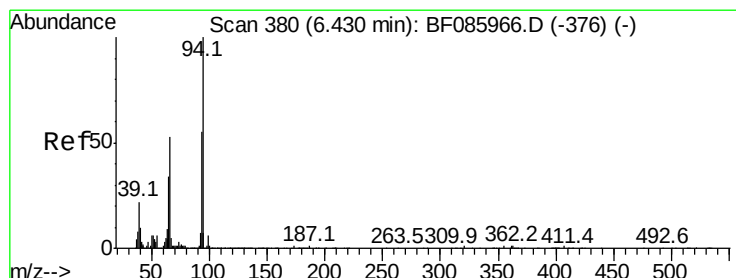
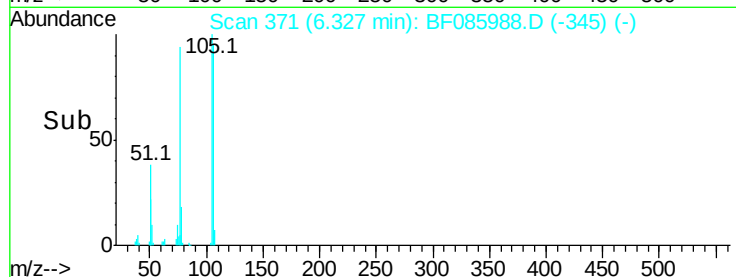
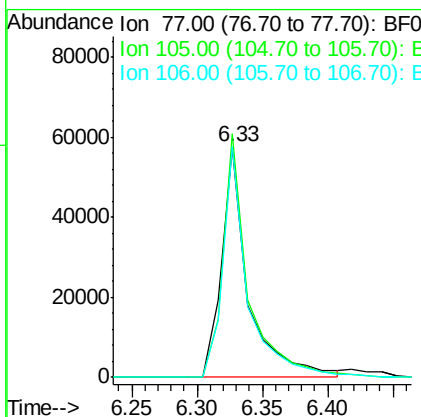
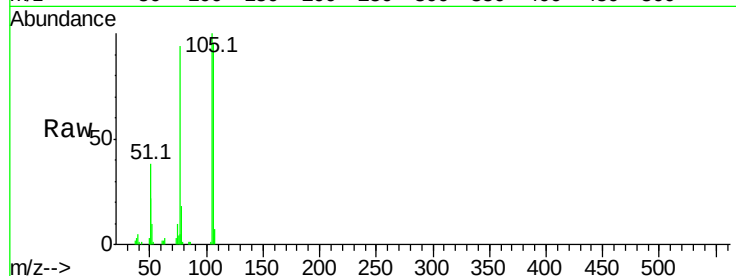
ClientSampleId :

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Tot Ion:	77	Resp:	82330
Ion	Ratio	Lower	Upper
77	100		
105	105.8	80.1	120.1
106	100.2	75.0	115.0

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#10

Phenol

Concen: 13.88 ng

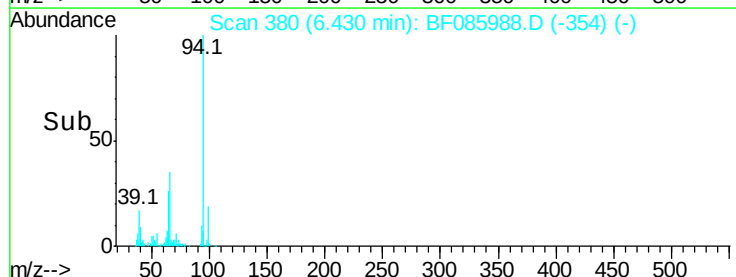
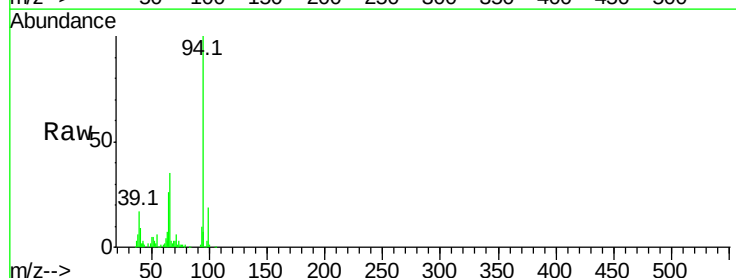
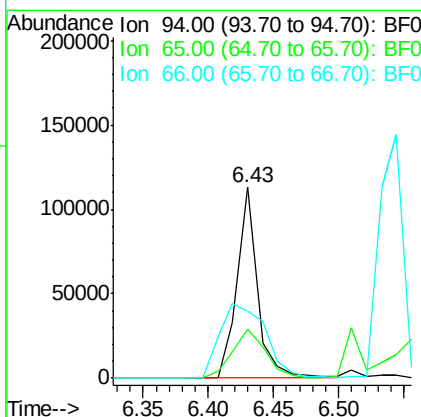
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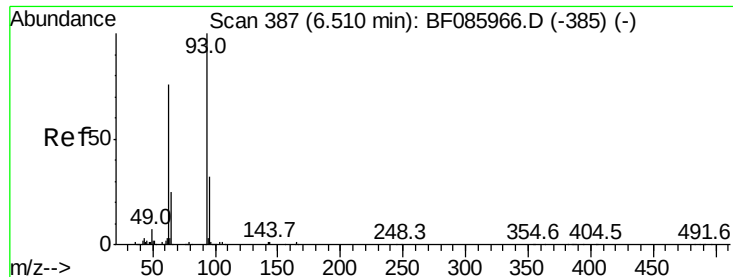
Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Tgt Ion:	94	Resp:	123982
Ion	Ratio	Lower	Upper
94	100		
65	25.8	8.6	48.6
66	35.1	20.0	60.0





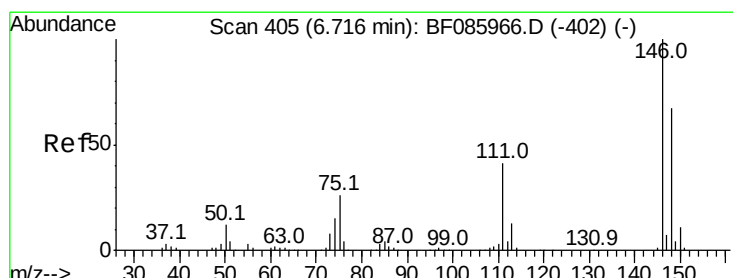
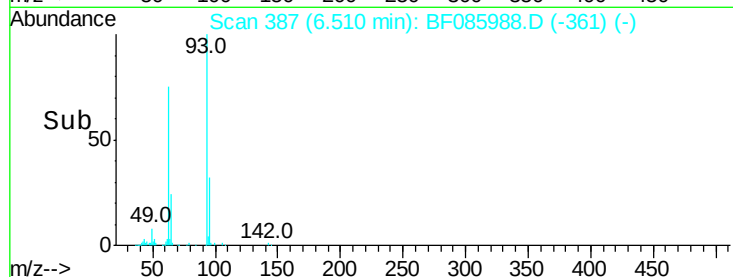
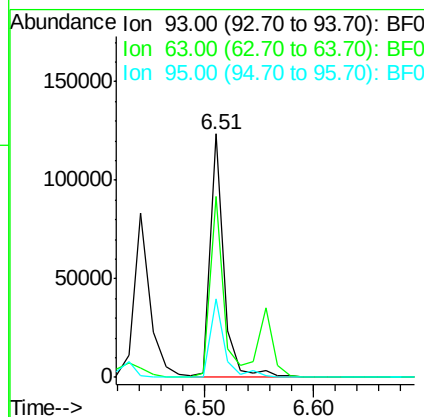
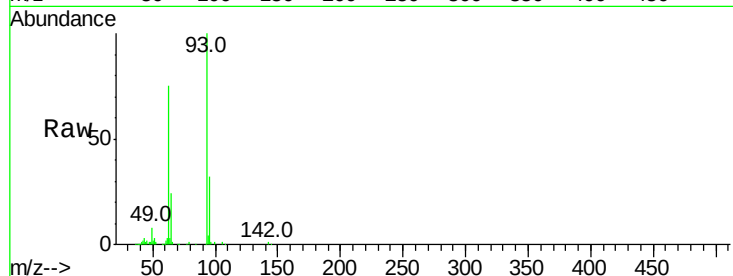
#11
bis(2-Chloroethyl)ether
Concen: 15.61 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	74.5	50.9	90.9	
95	32.2	13.3	53.3	

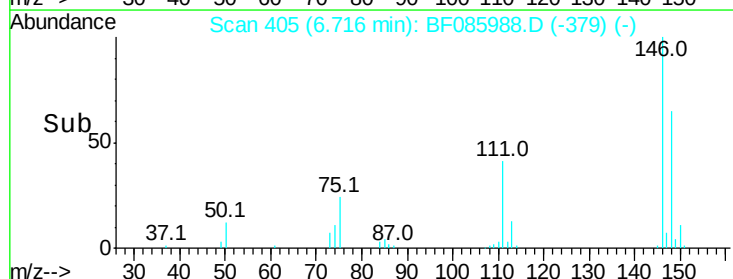
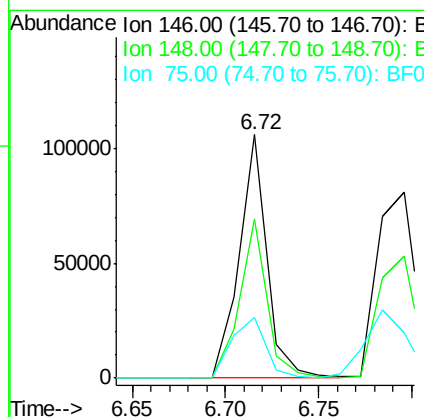
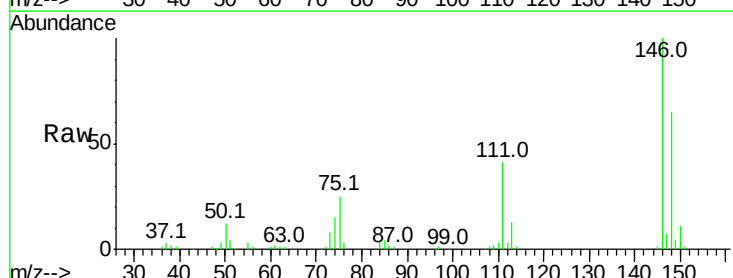
Manual Integrations
APPROVED

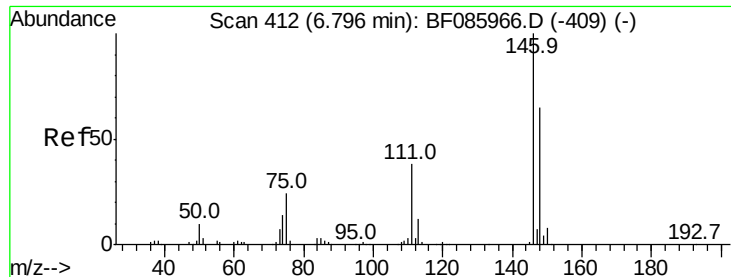
Sohil
4/4/2016 7:43:48 PM



#12
1,3-Dichlorobenzene
Concen: 14.19 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.3	52.3	78.5	
75	24.9	17.4	26.2	





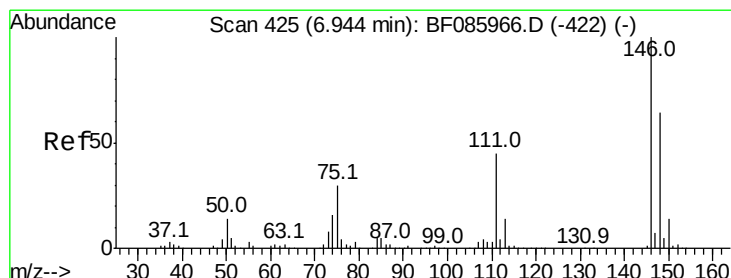
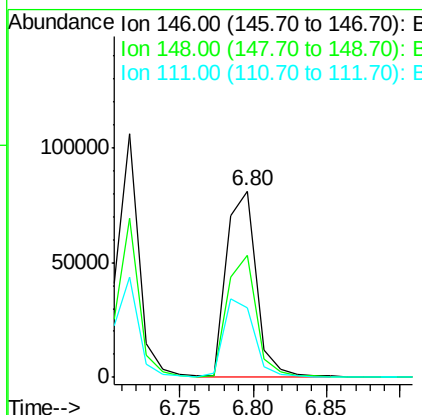
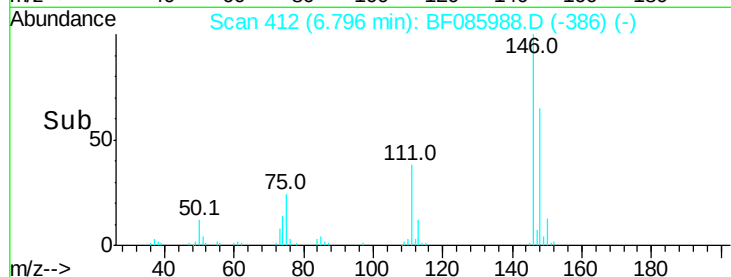
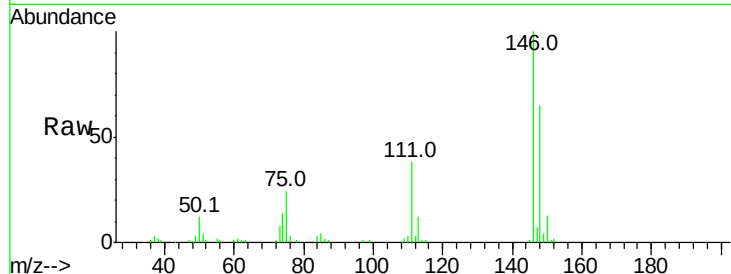
#13
 1,4-Dichlorobenzene
 Concen: 14.58 ng/ml
 RT: 6.80 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	117065		
148	65.3	50.6	76.0	
111	37.5	37.8	56.6	

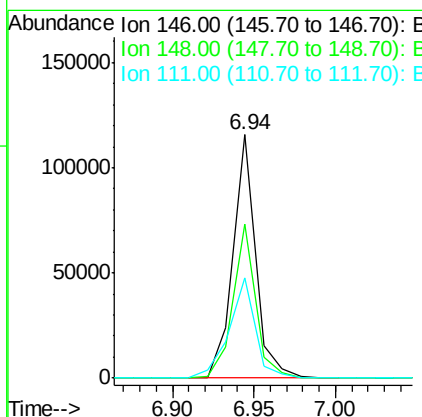
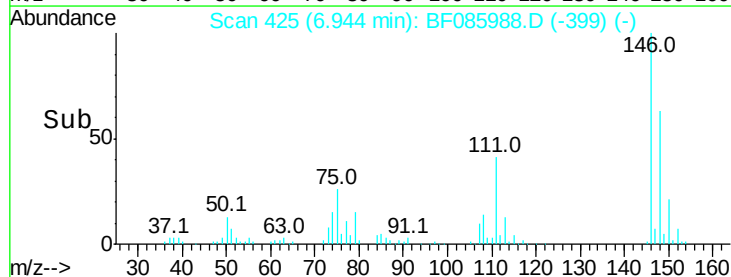
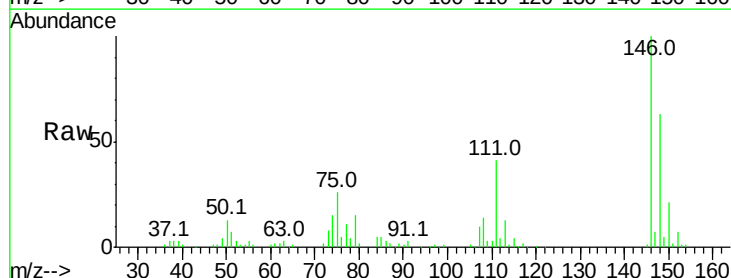
Manual Integrations
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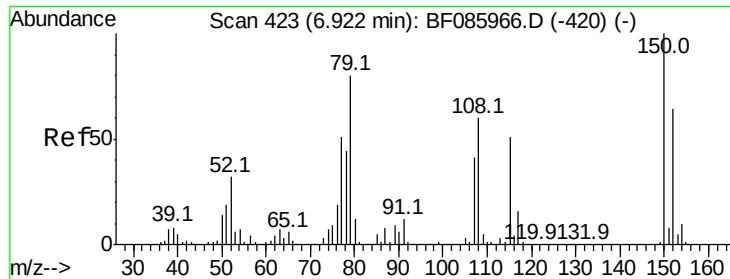
Sohil
 4/4/2016 7:43:48 PM



#14
 1,2-Dichlorobenzene
 Concen: 14.89 ng/ml
 RT: 6.94 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	110019		
148	63.0	51.4	77.2	
111	41.2	34.6	52.0	





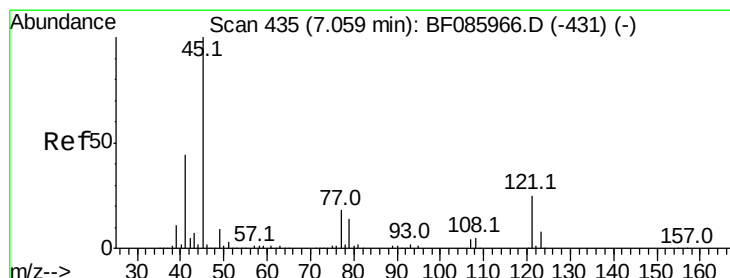
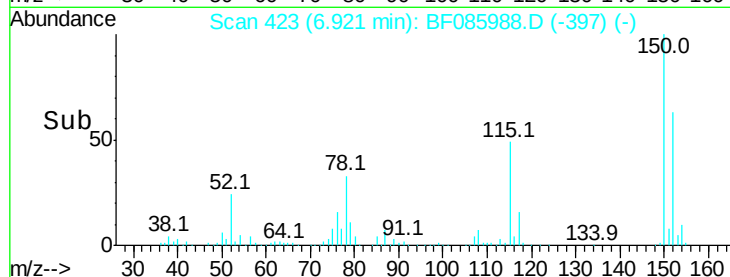
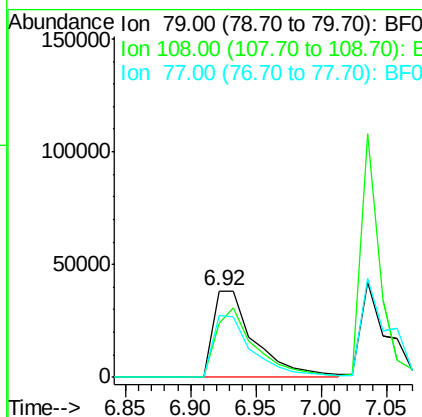
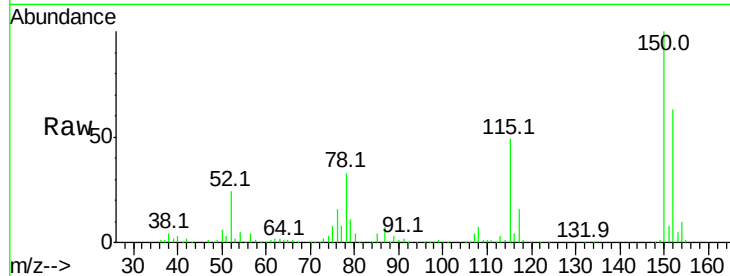
#15
Benzyl Alcohol
Concen: 16.89 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion:	79	Resp:	85563
Ion Ratio	Lower	Upper	
79	100		
108	62.9	61.8	92.6
77	71.3	49.6	74.4

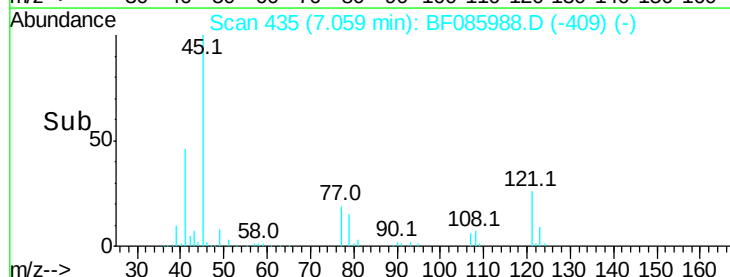
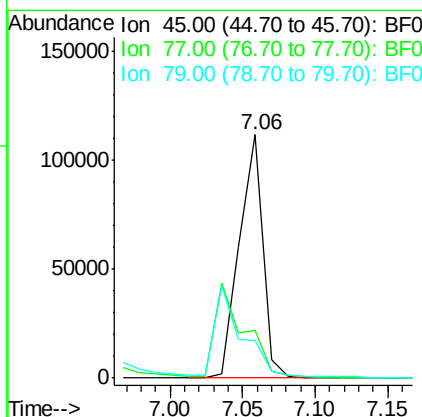
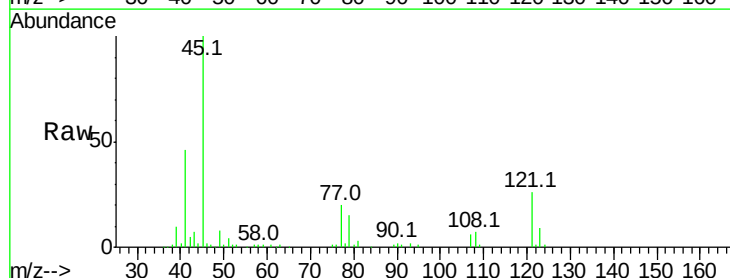
Manual Integrations
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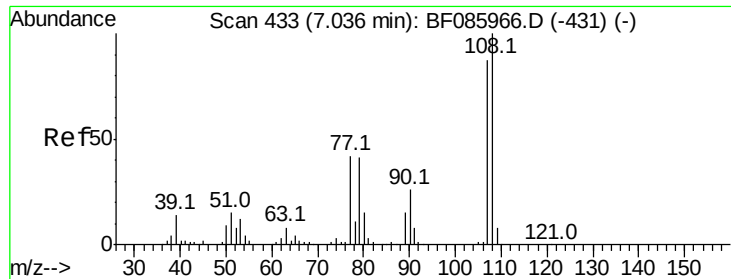
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 14.54 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion:	45	Resp:	125601
Ion Ratio	Lower	Upper	
45	100		
77	19.6	0.0	35.7
79	15.2	0.0	32.2





#17

2-Methylphenol

Concen: 16.41 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

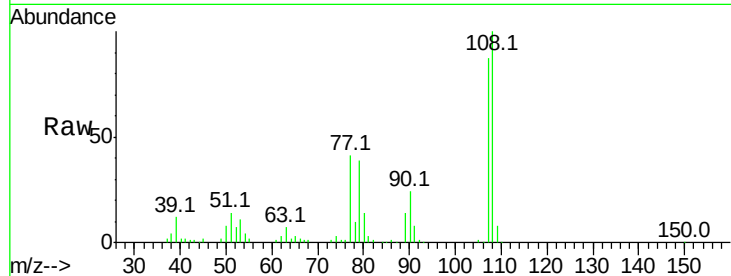
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	107	Resp:	95096
Ion Ratio	Lower	Upper	
107	100		
108	114.5	91.4	137.0
77	46.6	36.2	54.2
79	45.0	35.8	53.8

Manual Integrations
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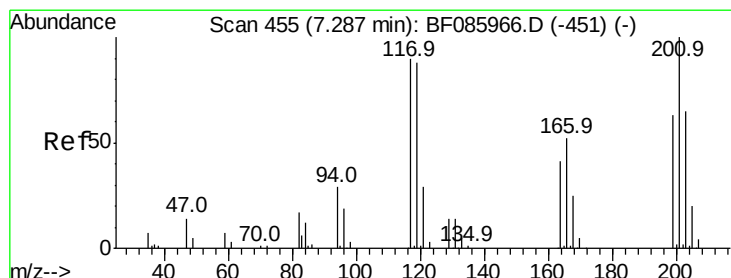
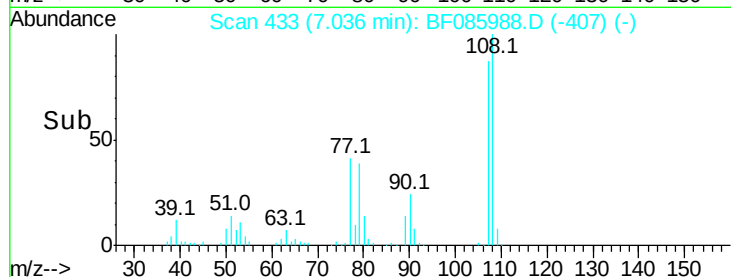
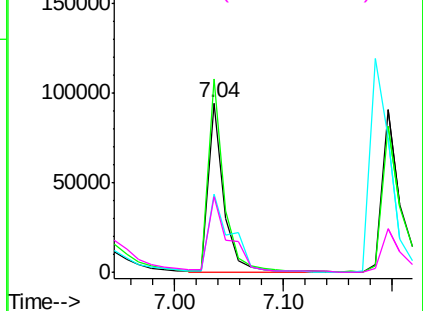


Abundance Ion 107.00 (106.70 to 107.70): E

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: 14.38 ng

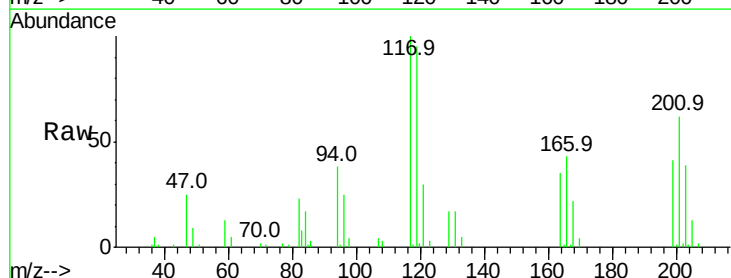
RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

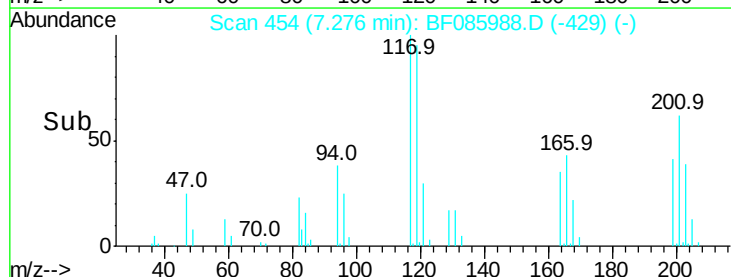
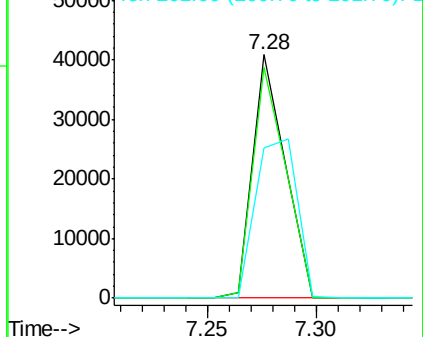
Tgt Ion:	117	Resp:	42472
Ion Ratio	Lower	Upper	
117	100		
119	94.5	76.7	115.1
201	61.6	83.3	124.9#

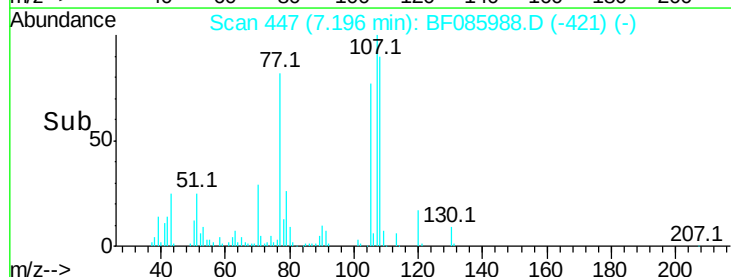
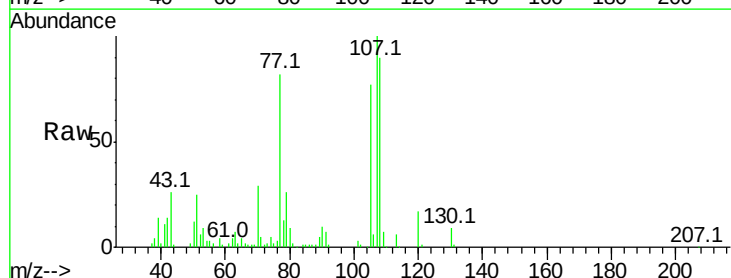
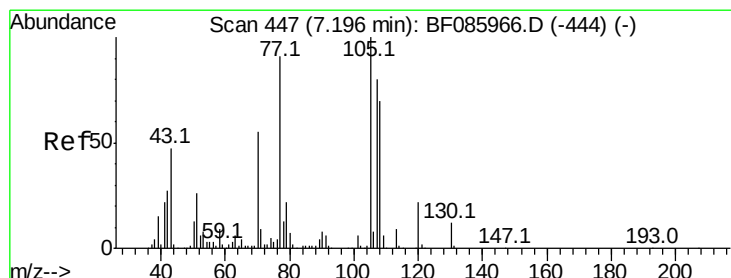
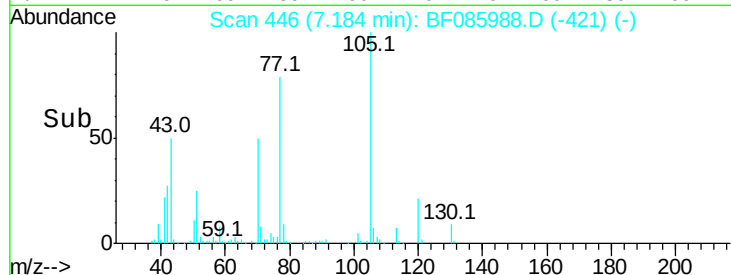
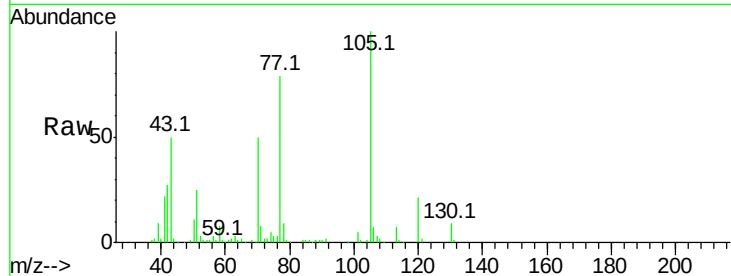
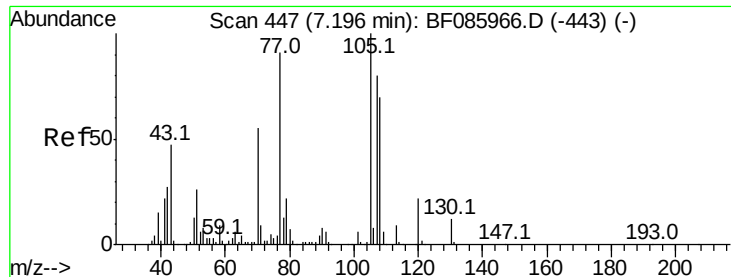


Abundance Ion 117.00 (116.70 to 117.70): E

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: 15.15 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

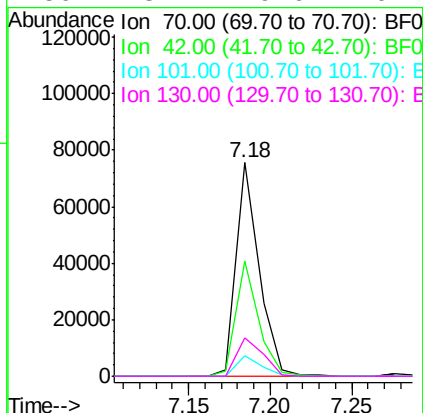
ClientSampleId :

LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.1	37.1	55.7
101	9.4	8.6	12.8
130	18.1	19.6	29.4#

Manual Integrations
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#20

3+4-Methylphenols

Concen: 16.37 ng

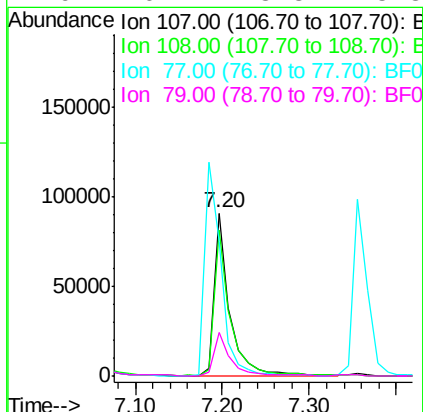
RT: 7.20 min Scan# 447

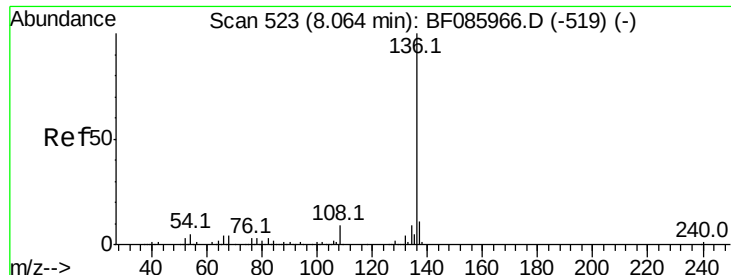
Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.3	109.3
77	82.4	101.7	141.7#
79	26.4	8.3	48.3





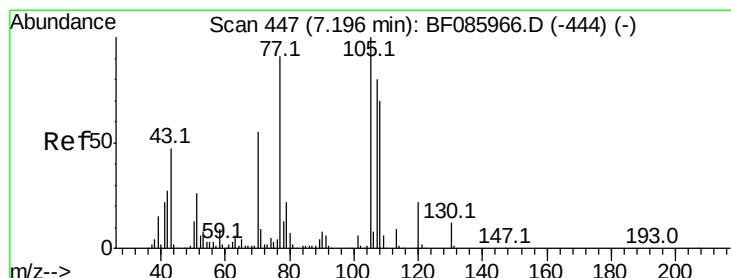
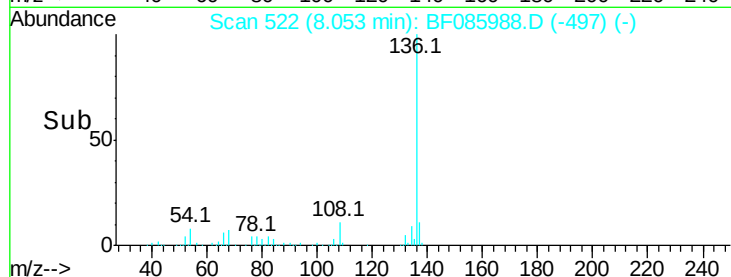
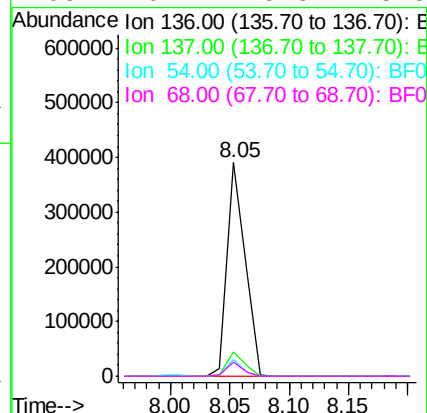
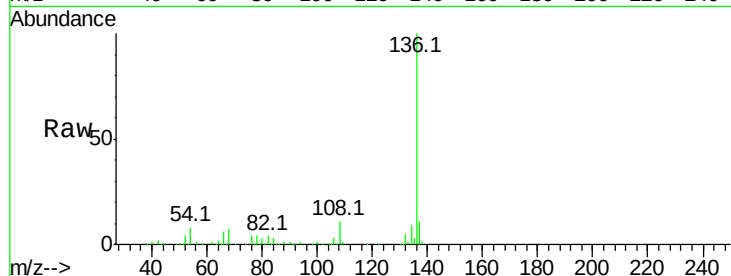
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	8.1	7.4	11.0	
68	6.7	5.8	8.8	

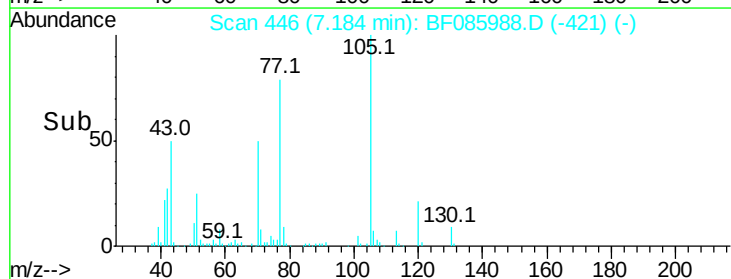
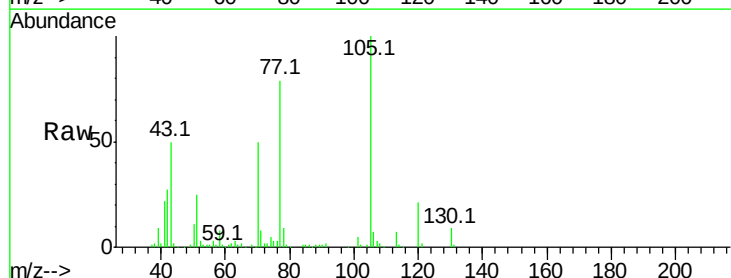
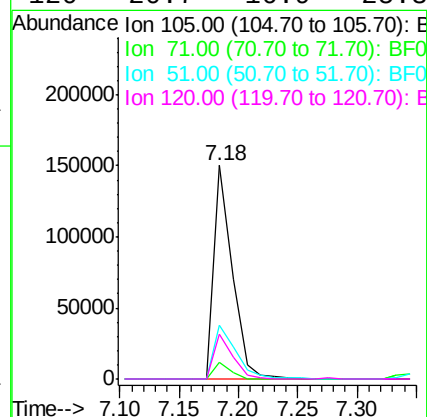
Manual Integrations
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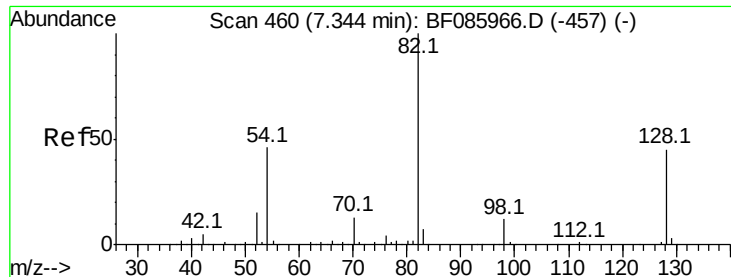
Sohil
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#22
Acetophenone
Concen: 16.95 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.1	3.6	5.4#	
51	25.1	25.4	38.0#	
120	20.7	16.9	25.3	





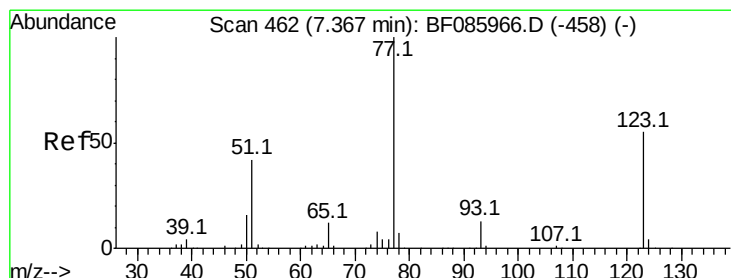
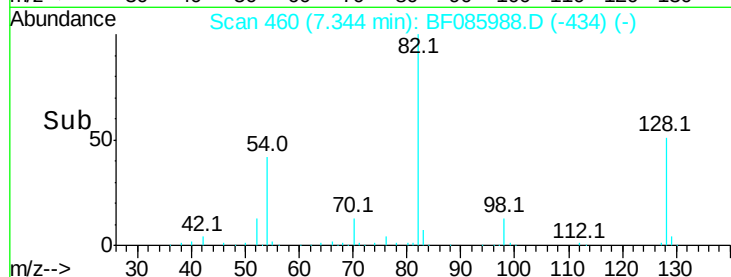
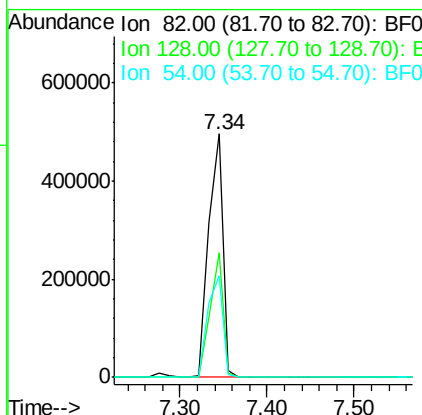
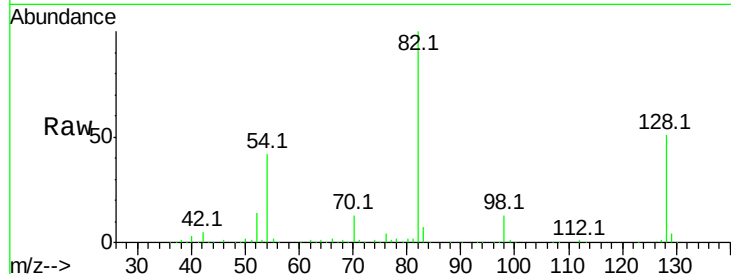
#23
 Nitrobenzene-d5
 Concen: 83.21 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.0	41.8	62.8
54	41.9	33.4	50.0

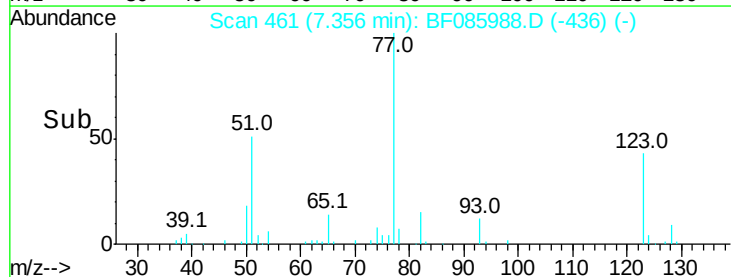
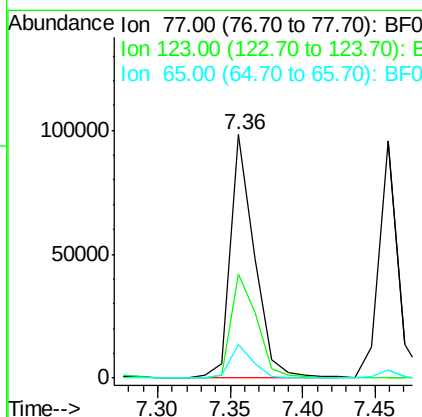
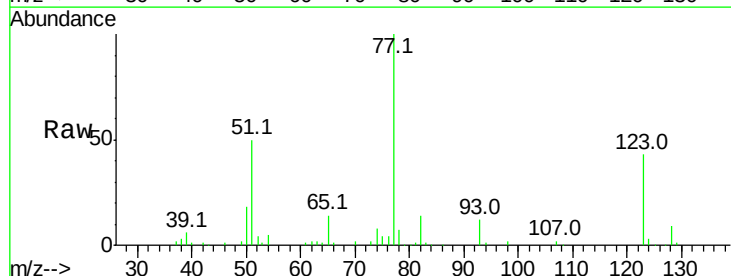
Manual Integrations
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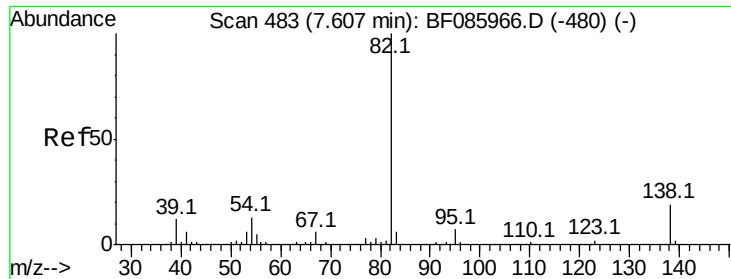
Sohil
 4/4/2016 7:43:48 PM



#24
 Nitrobenzene
 Concen: 14.74 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.6	35.0	52.4
65	13.9	10.6	16.0





#25

Isophorone

Concen: 15.50 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

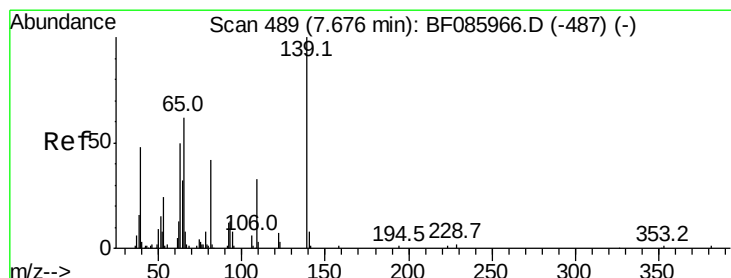
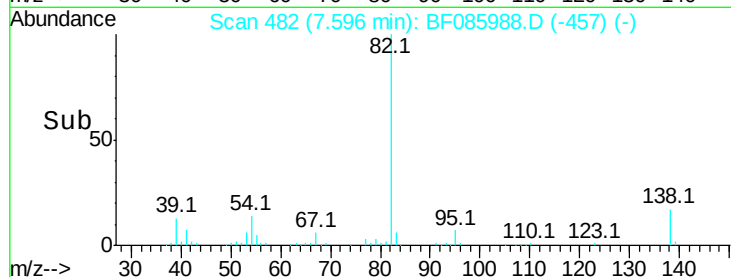
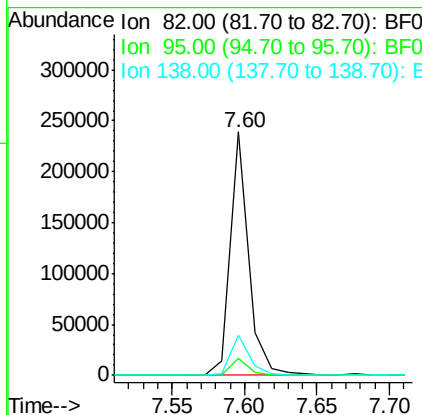
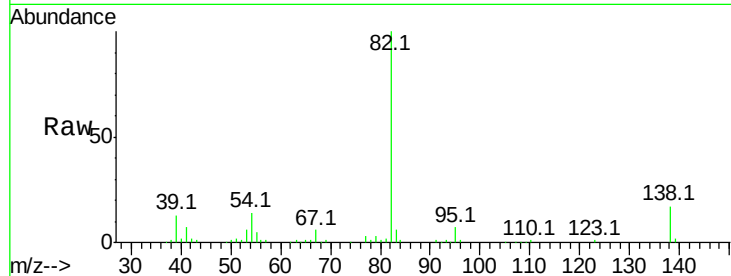
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	82	Resp:	210782
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.4	8.2
138	16.6	12.9	19.3

Manual Integrations
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4/4/2016 7:43:48 PM



#26

2-Nitrophenol

Concen: 14.66 ng

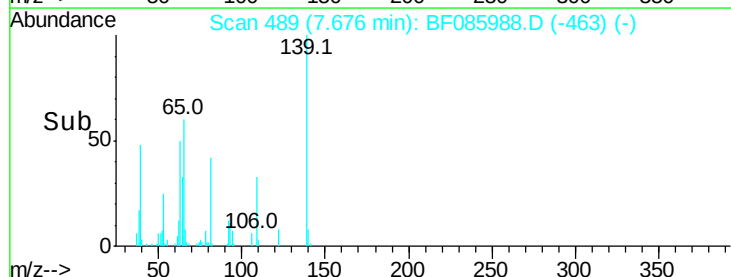
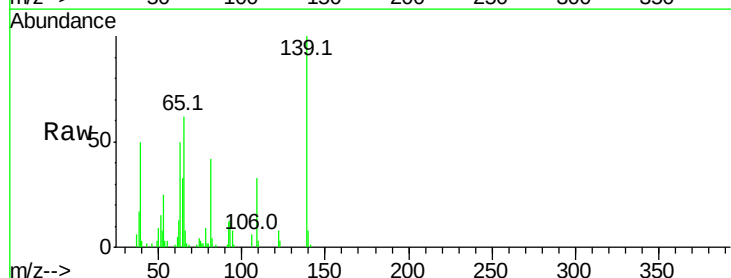
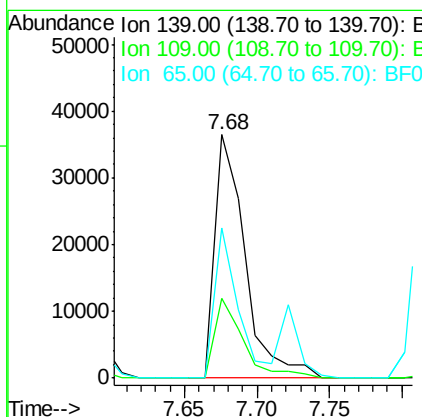
RT: 7.68 min Scan# 489

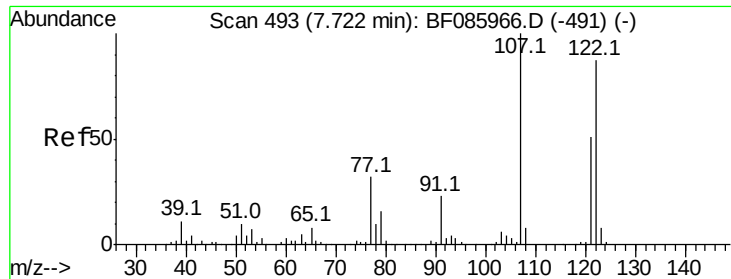
Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Tgt Ion:	139	Resp:	52873
Ion Ratio		Lower	Upper
139	100		
109	32.8	22.1	33.1
65	61.8	33.9	50.9#





#27

2,4-Dimethylphenol

Concen: 16.41 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

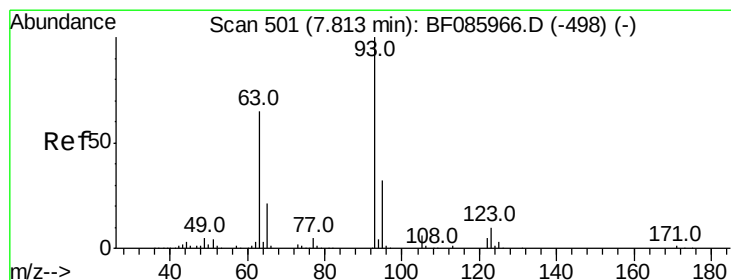
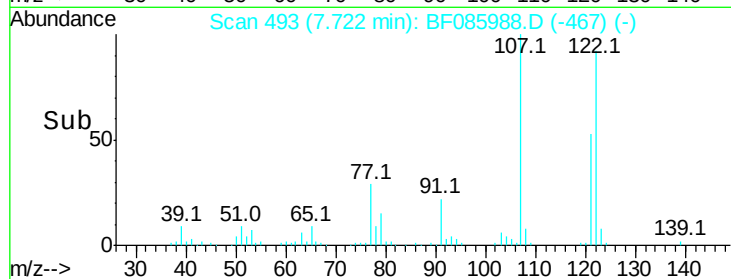
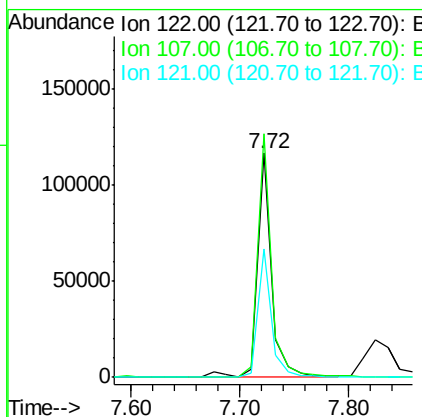
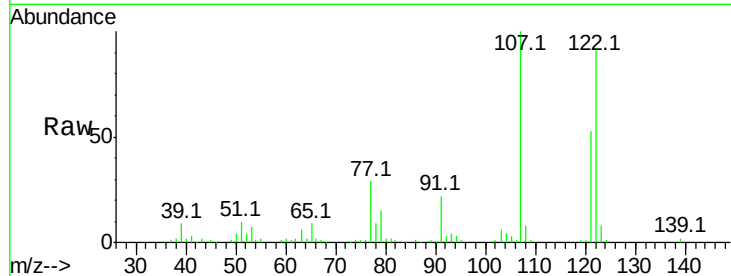
ClientSampleId :

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Tot Ion:	122	Resp:	106257
Ion Ratio	Lower	Upper	
122	100		
107	108.7	93.0	139.6
121	57.1	45.9	68.9

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#28

bis(2-Chloroethoxy)methane

Concen: 16.68 ng

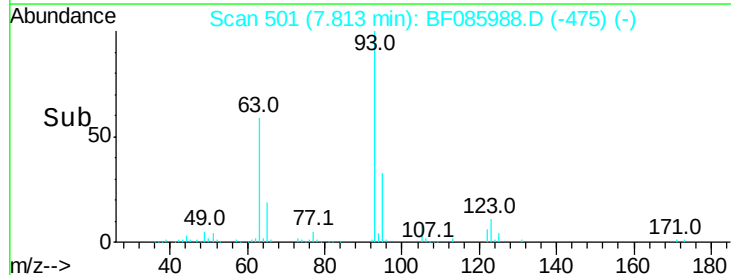
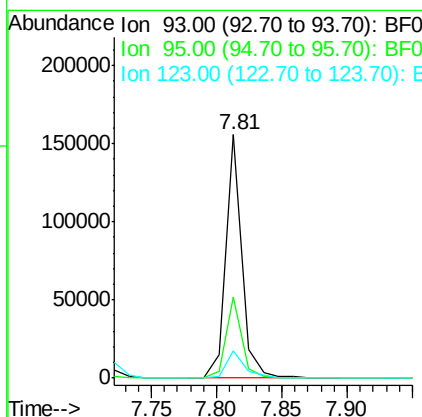
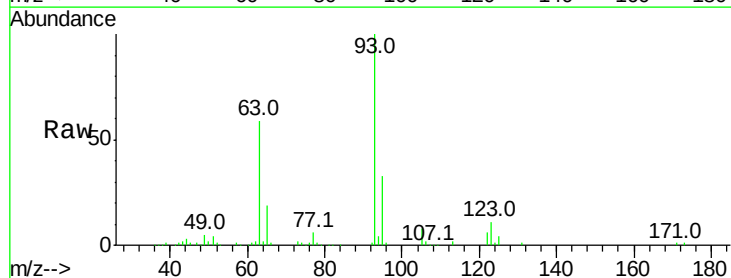
RT: 7.81 min Scan# 501

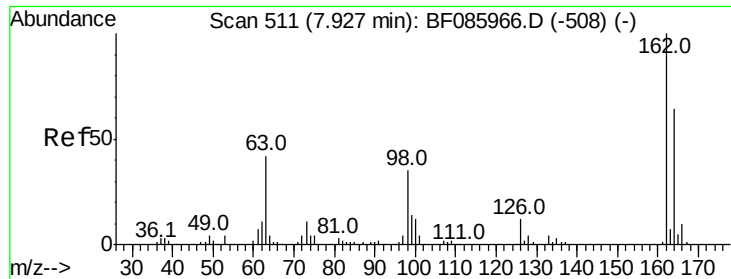
Delta R.T. -0.00 min

Lab File: BF085988.D

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Tgt Ion:	93	Resp:	133116
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.4	39.6
123	11.2	9.8	14.6





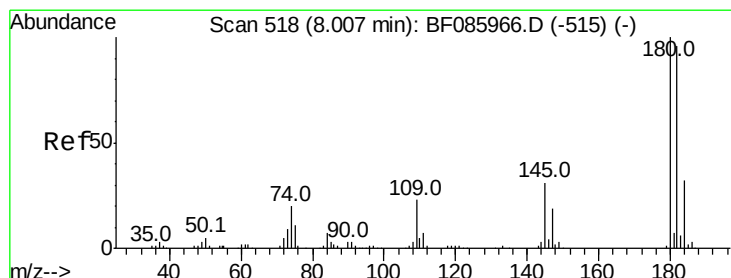
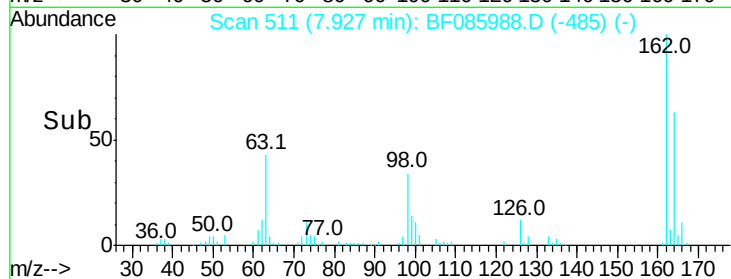
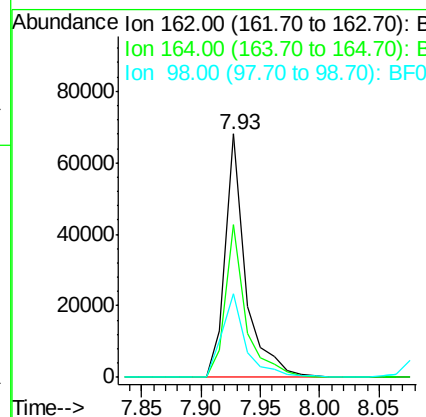
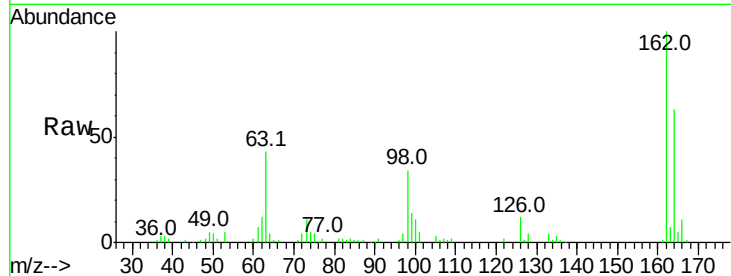
#29
 2,4-Dichlorophenol
 Concen: 14.87 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
162	100	81383		
164	62.9	43.7	83.7	
98	34.5	20.4	60.4	

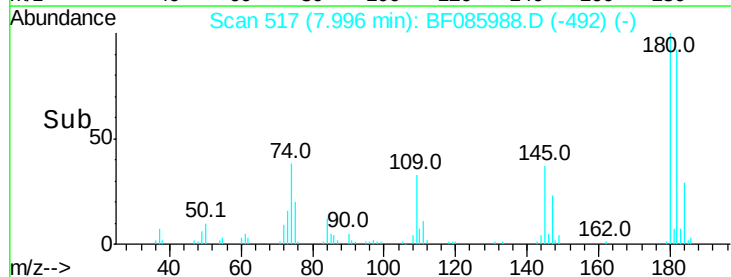
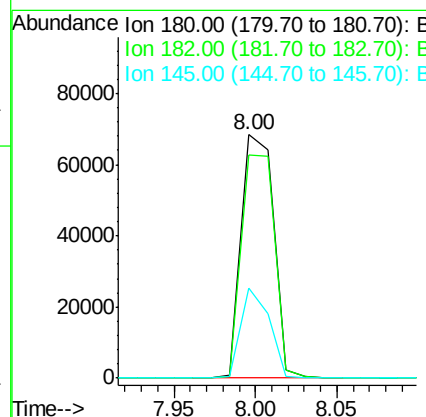
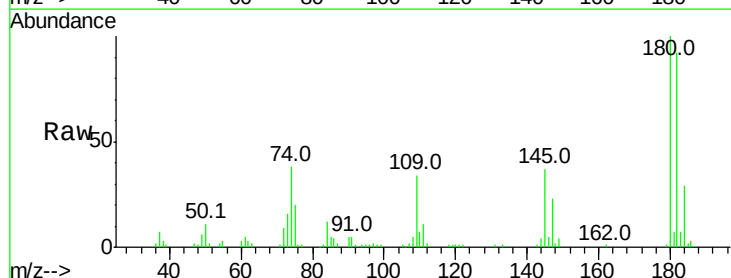
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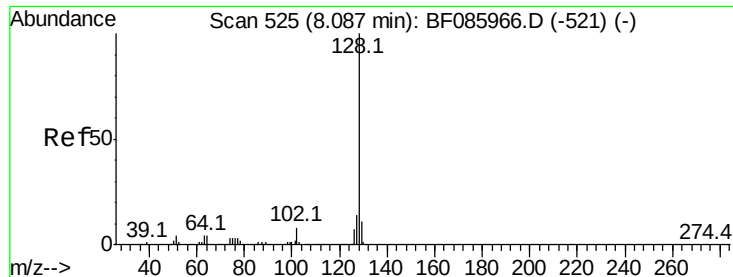
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#30
 1,2,4-Trichlorobenzene
 Concen: 15.21 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	93461		
182	91.5	73.8	110.8	
145	37.1	28.4	42.6	





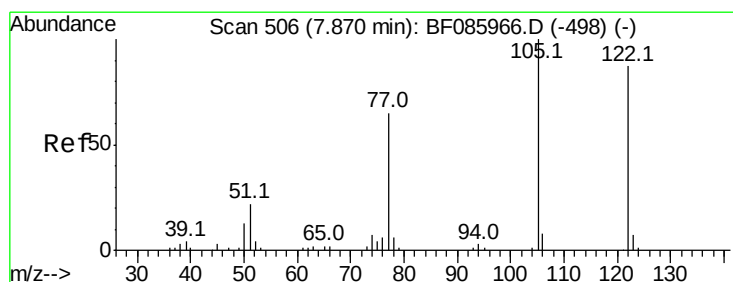
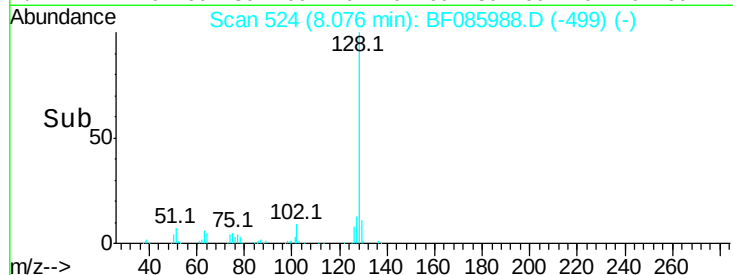
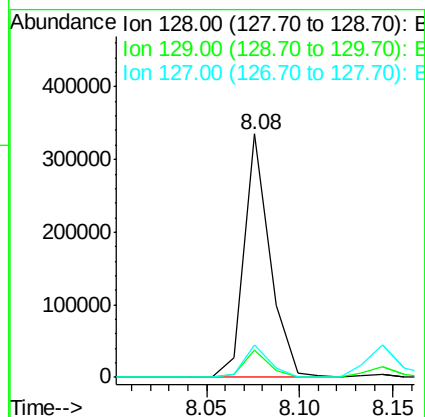
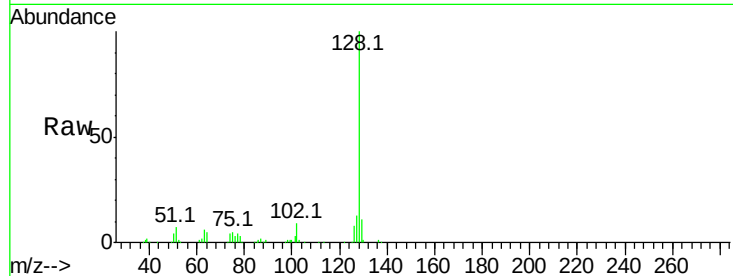
#31
Naphthalene
Concen: 15.79 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

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

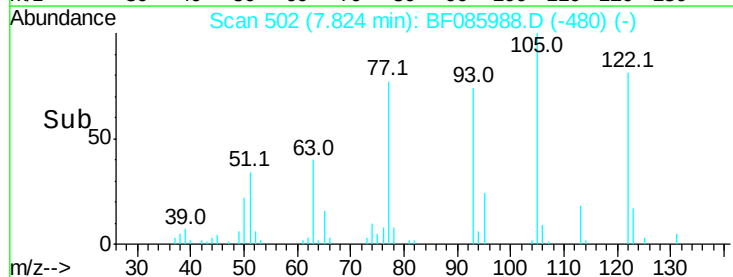
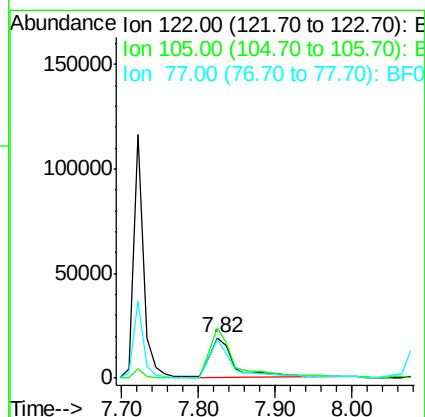
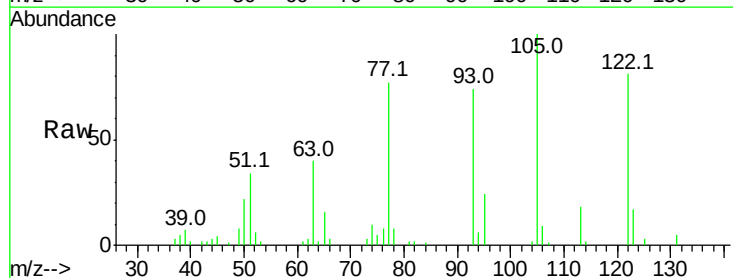
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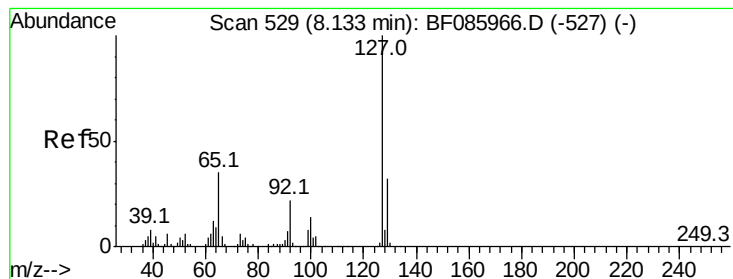
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#32
Benzoic acid
Concen: 8.93 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.05 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	124.2	102.9	142.9	
77	95.3	71.8	111.8	





#33

4-Chloroaniline

Concen: 7.24 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

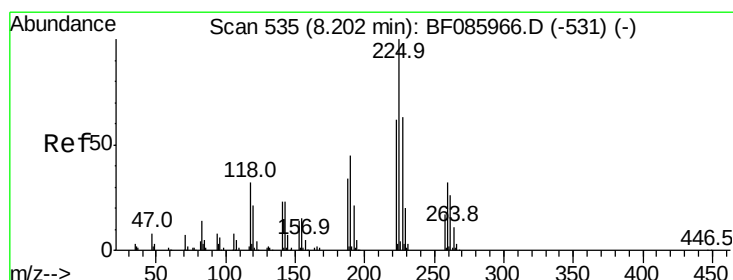
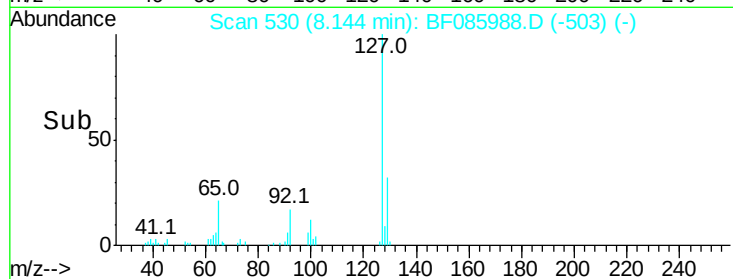
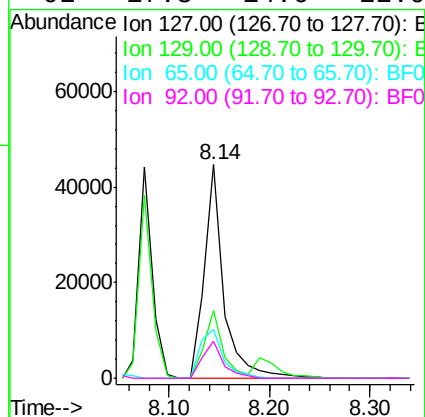
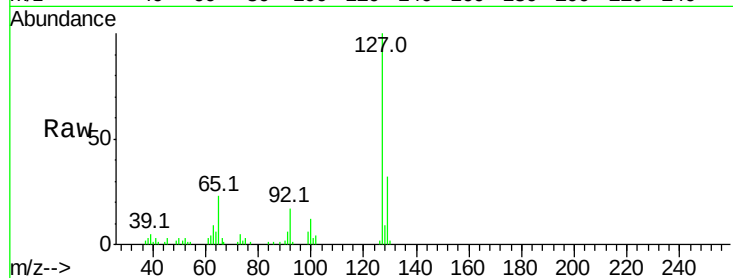
ClientSampleId :

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Tot Ion:	127	Resp:	59794
Ion Ratio	Lower	Upper	
127	100		
129	32.1	26.1	39.1
65	22.8	19.5	29.3
92	17.3	14.6	22.0

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#34

Hexachlorobutadiene

Concen: 14.32 ng

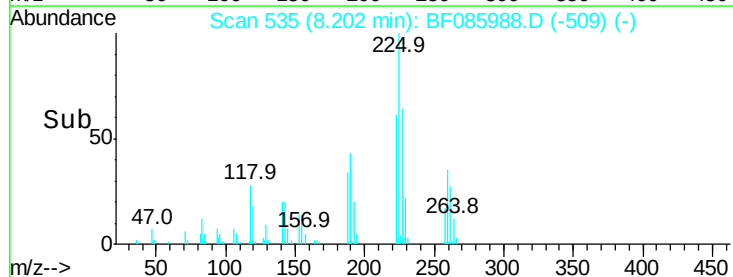
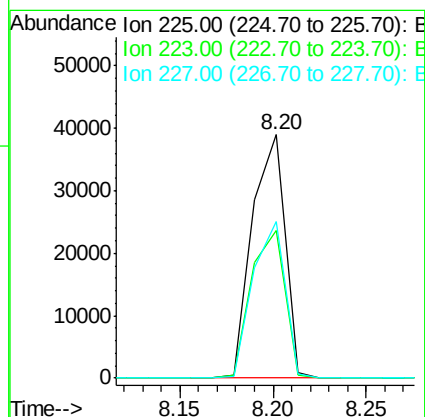
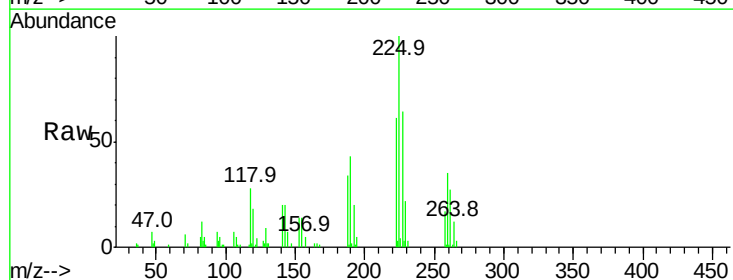
RT: 8.20 min Scan# 535

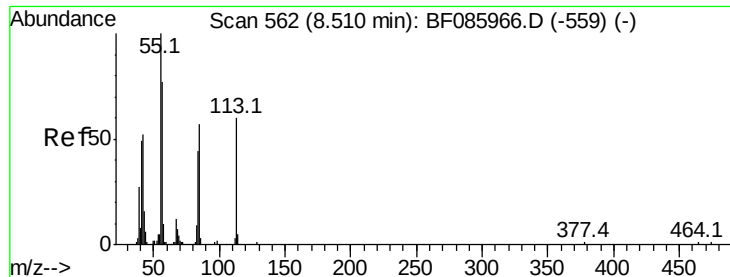
Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Tgt Ion:	225	Resp:	47299
Ion Ratio	Lower	Upper	
225	100		
223	60.7	50.4	75.6
227	64.1	51.4	77.2





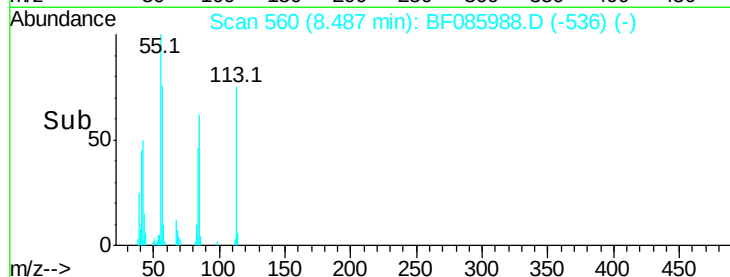
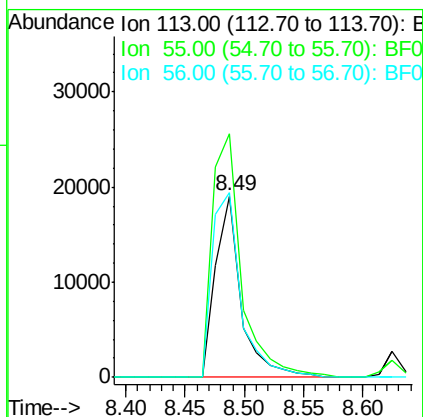
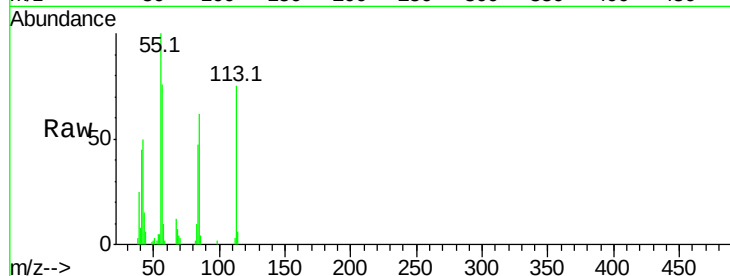
#35
 Caprolactam
 Concen: 16.38 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.02 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
113	100		
55	134.2	139.4	179.4#
56	101.6	100.4	140.4

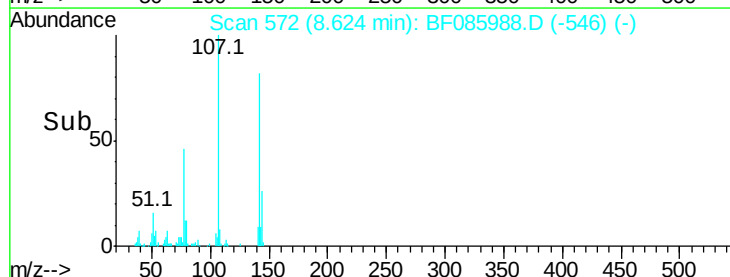
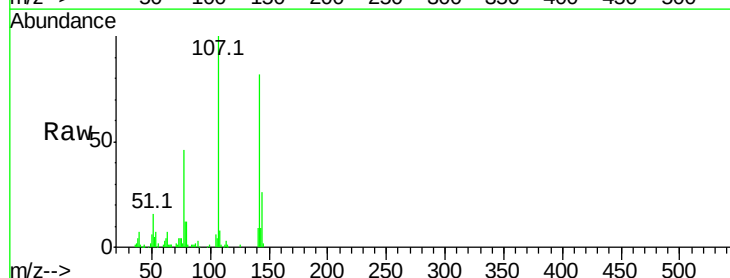
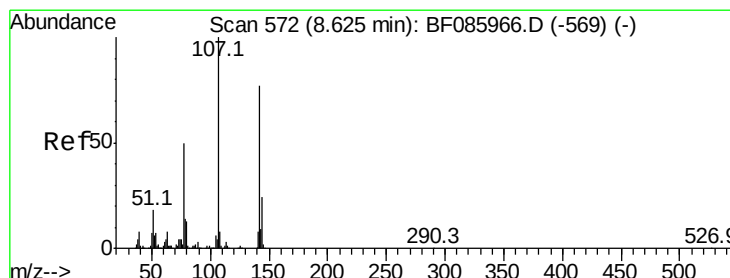
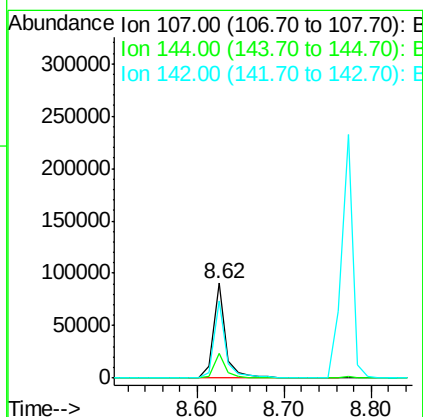
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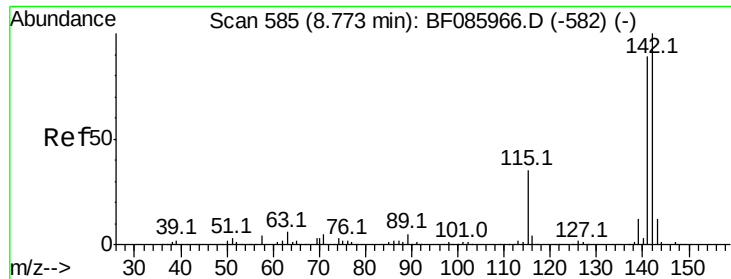
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#36
 4-Chloro-3-methylphenol
 Concen: 14.72 ng
 RT: 8.62 min Scan# 572
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	19.3	28.9
142	81.8	61.4	92.0





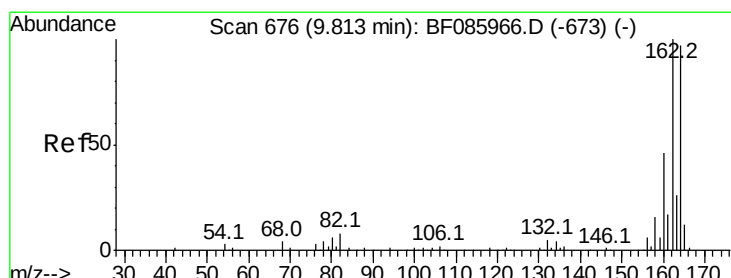
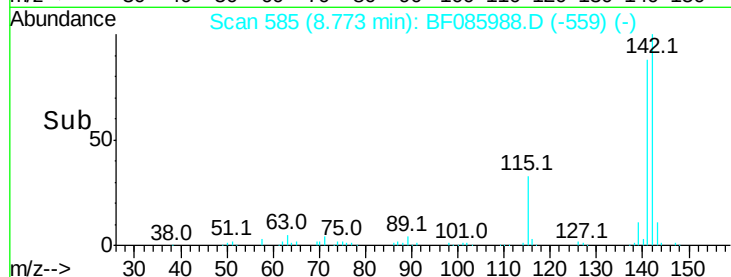
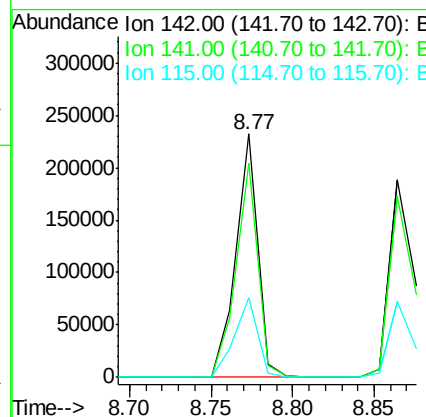
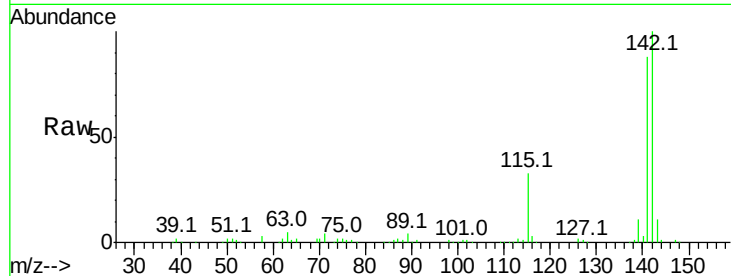
#37
2-Methylnaphthalene
Concen: 16.05 ng
RT: 8.77 min Scan# 585
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
142	100	214239		
141	88.1	71.6	107.4	
115	32.7	26.8	40.2	

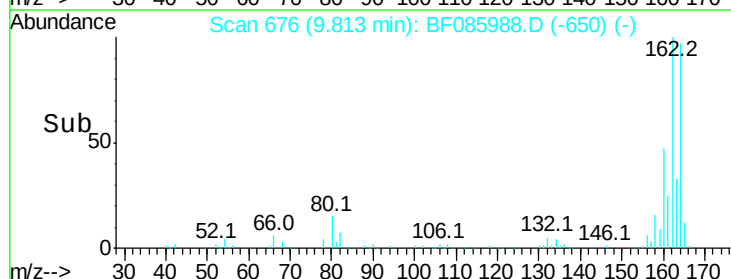
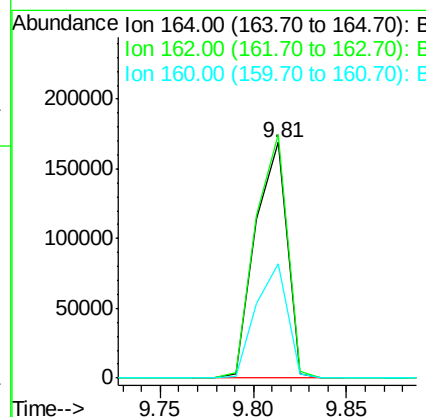
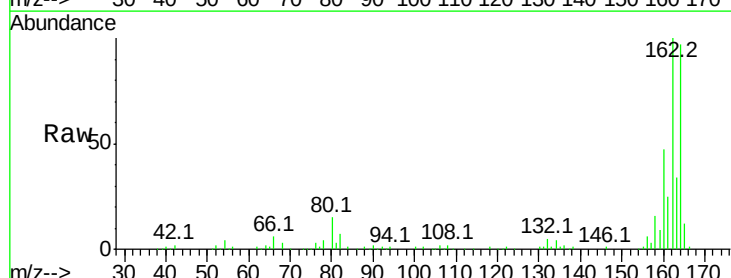
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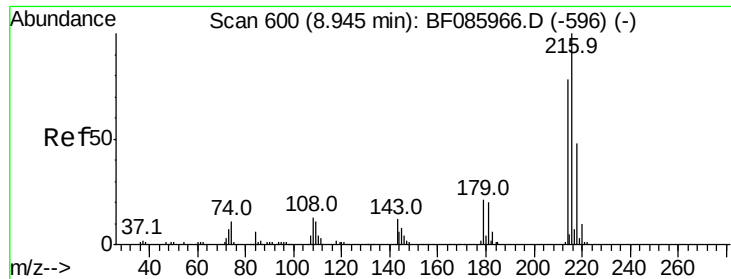
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	198411		
162	103.4	82.1	123.1	
160	48.3	37.4	56.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 14.22 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF085988.D

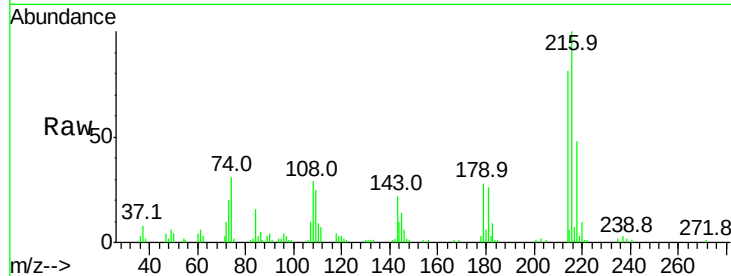
Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

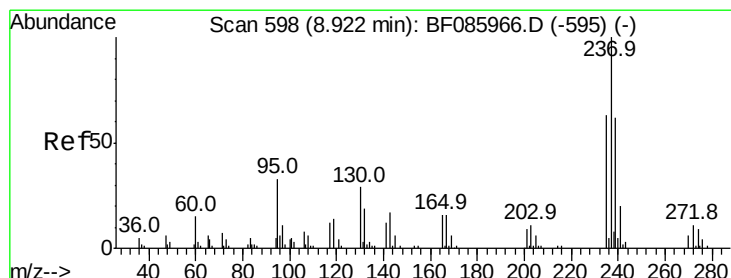
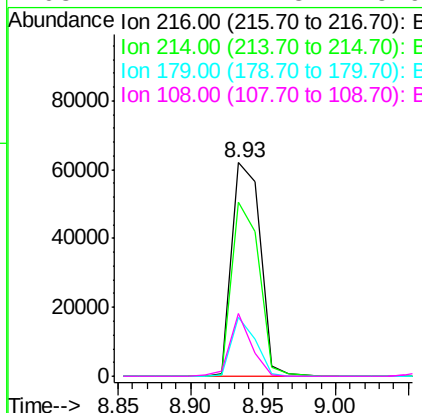
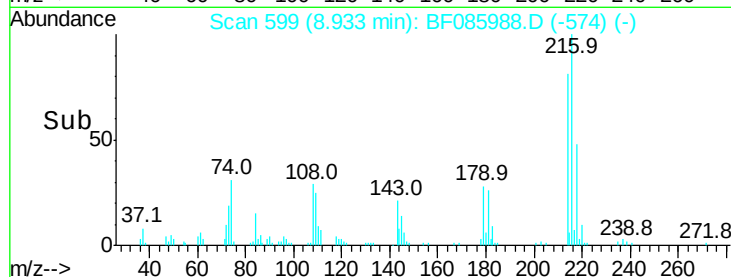
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Tot Ion	Ratio	Resp	Lower	Upper
216	100	84773		
214	78.2	63.1	94.7	
179	23.4	18.2	27.2	
108	22.1	17.3	25.9	

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#40

Hexachlorocyclopentadiene

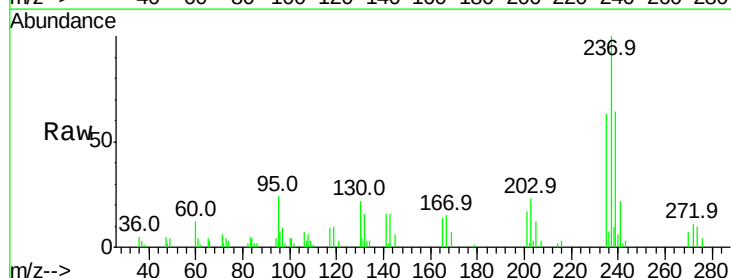
Concen: 17.22 ng

RT: 8.92 min Scan# 598

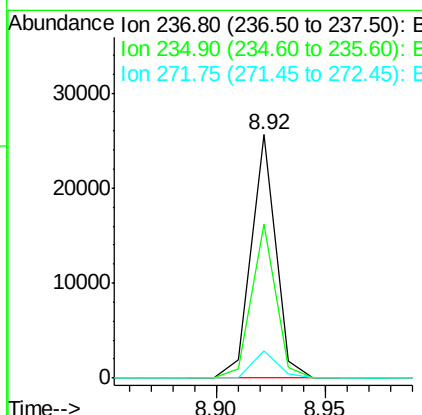
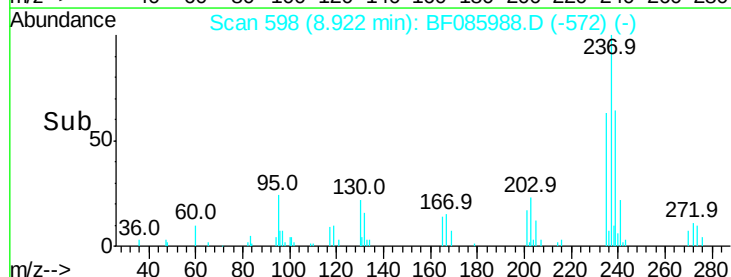
Delta R.T. 0.00 min

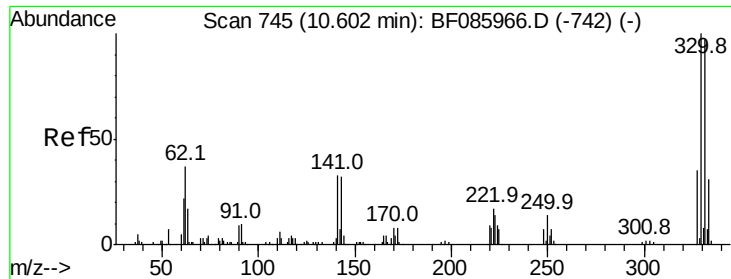
Lab File: BF085988.D

Acq: 2 Apr 2016 4:02



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	20067		
235	63.3	43.7	83.7	
272	11.4	0.0	31.9	





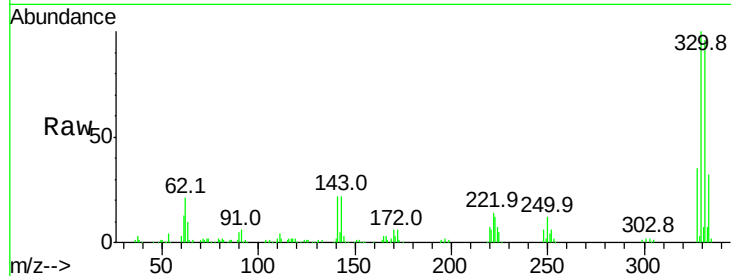
#41
 2,4,6-Tribromophenol
 Concen: 133.71 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

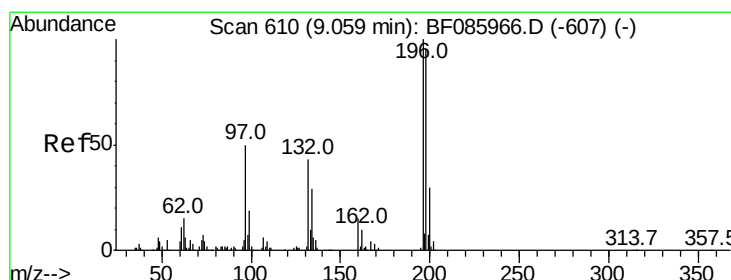
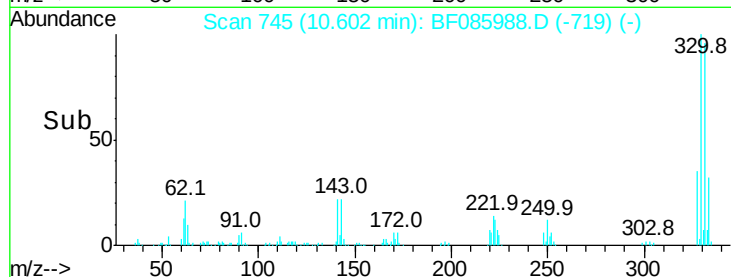
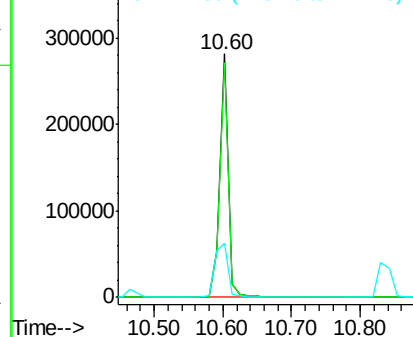
Tot Ion	Ratio	Resp	Lower	Upper
330	100	249009		
332	96.3		78.2	117.2
141	34.3		31.5	47.3

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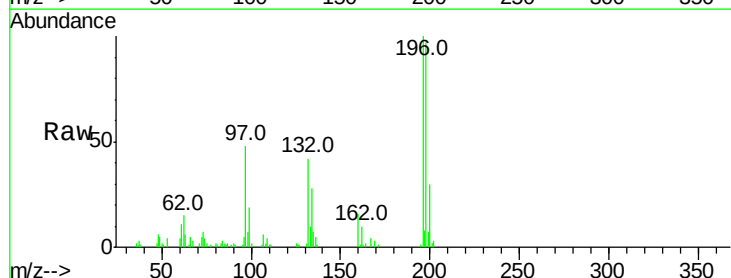


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

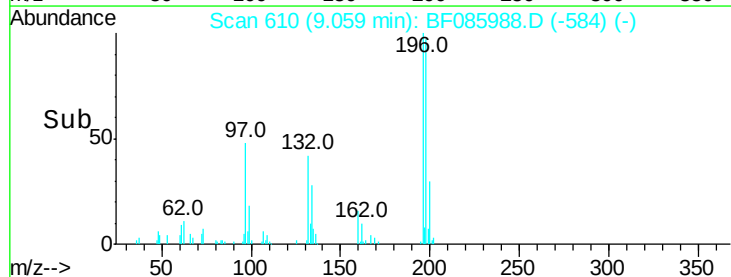
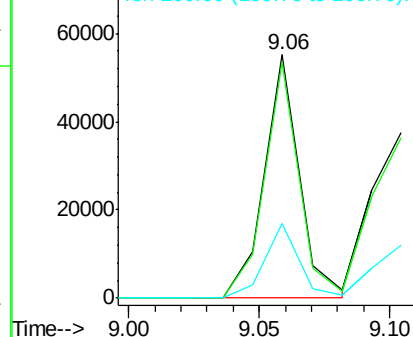


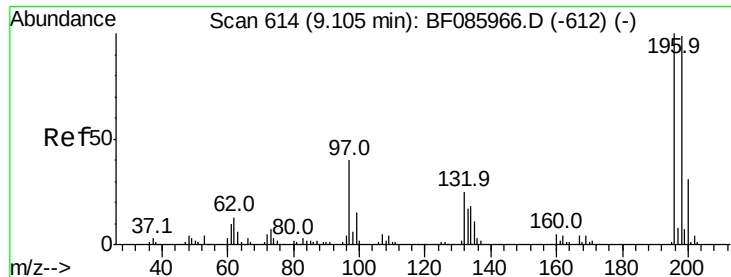
#42
 2,4,6-Trichlorophenol
 Concen: 13.39 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	51278		
198	96.8		75.3	112.9
200	30.5		23.7	35.5



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





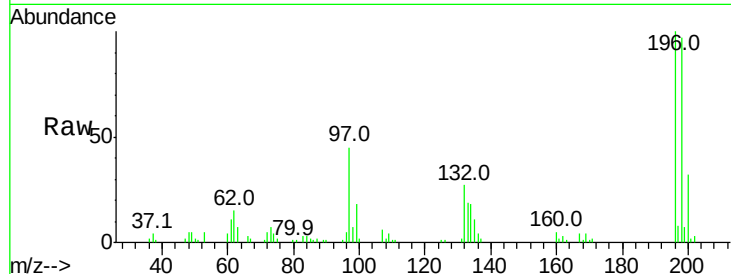
#43
 2,4,5-Trichlorophenol
 Concen: 14.63 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	196	Resp	56869
Ion Ratio	Lower	Upper	
196	100		
198	97.0	76.6	114.8
97	45.2	30.5	45.7
132	27.1	20.2	30.2

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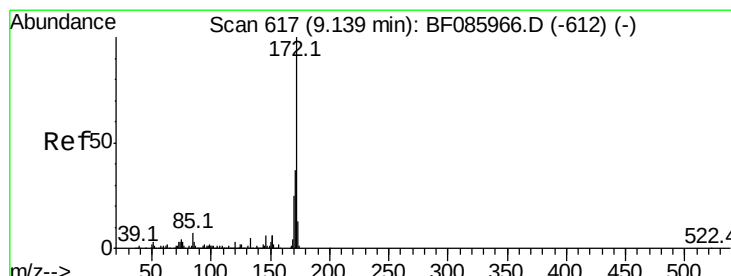
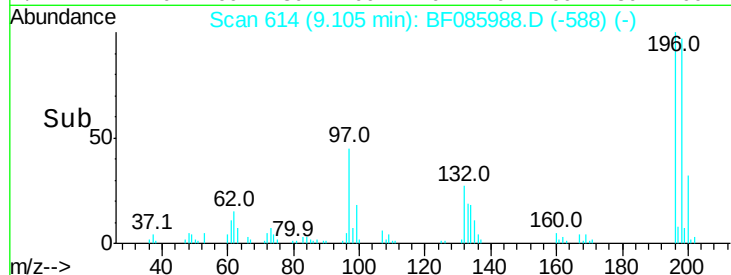
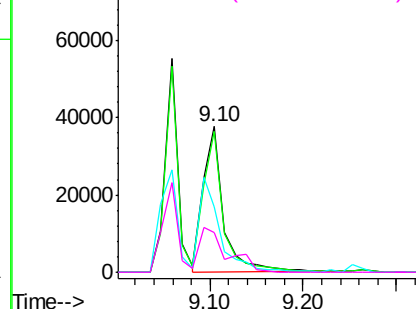
Abundance

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: 85.29 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

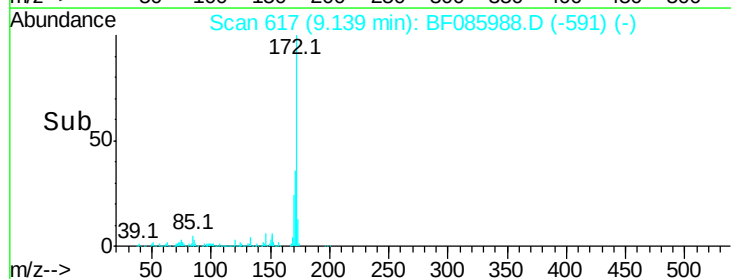
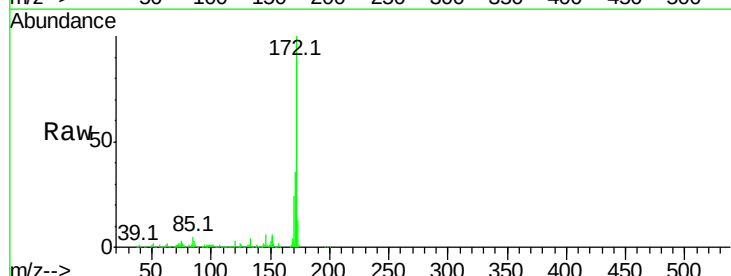
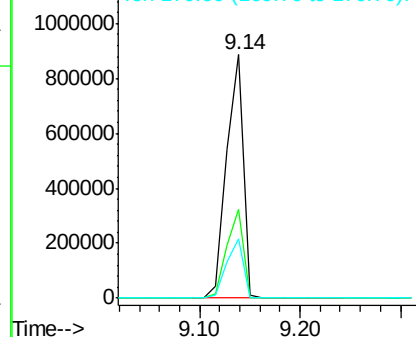
Tgt Ion	172	Resp	1017835
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.4	44.2
170	24.1	19.8	29.6

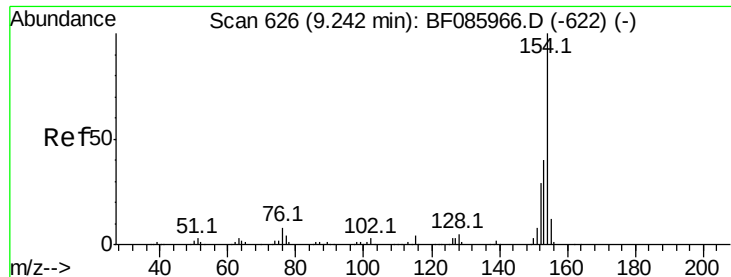
Abundance

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





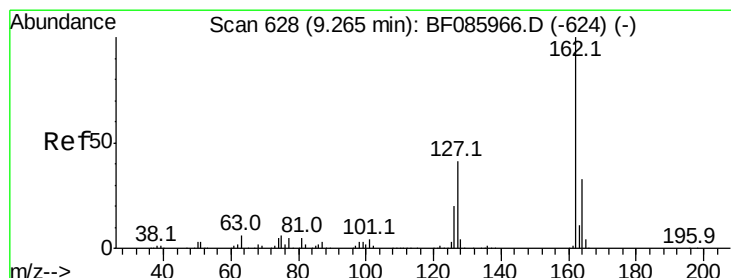
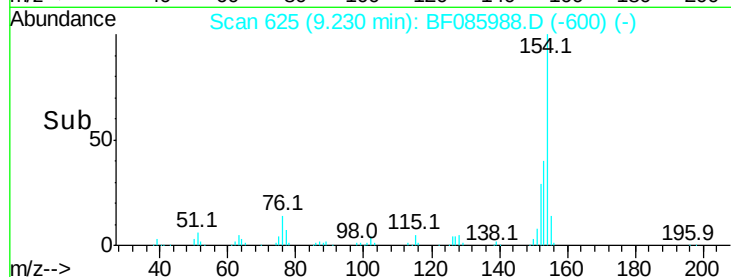
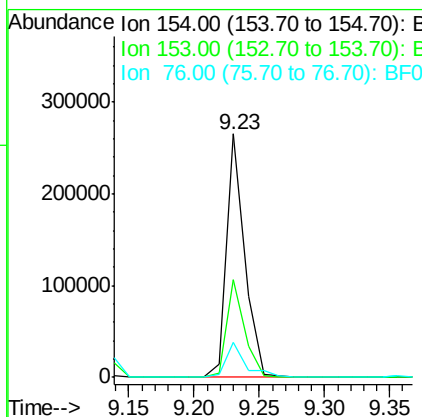
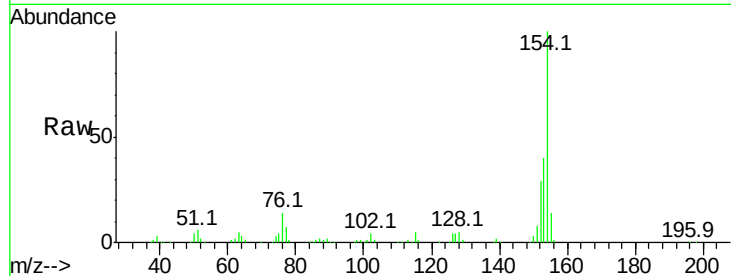
#45
1,1'-Biphenyl
Concen: 15.02 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	20.8	60.8	
76	14.4	0.0	36.7	

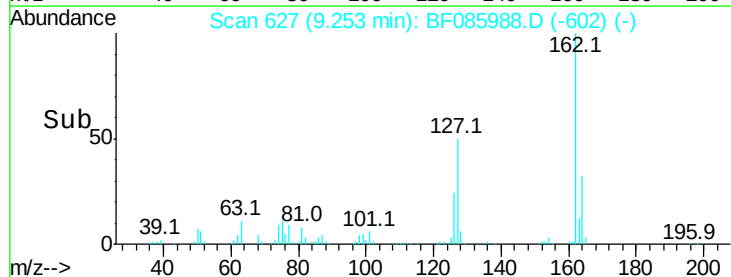
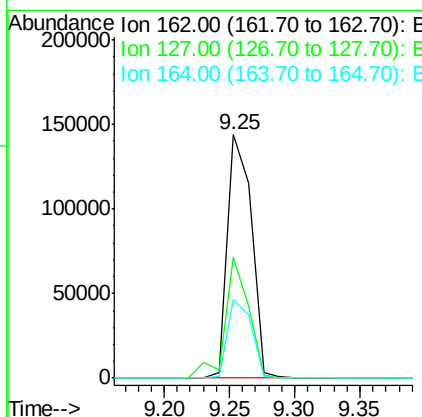
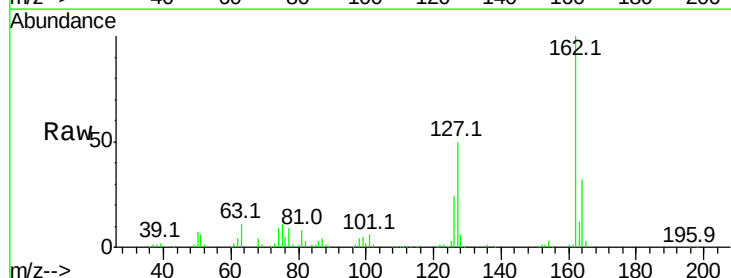
Manual Integrations
APPROVED

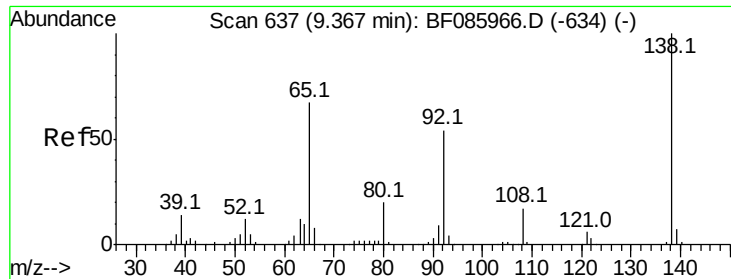
Sohil
4/4/2016 7:43:48 PM



#46
2-Chloronaphthalene
Concen: 14.79 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	49.6	31.7	47.5#	
164	32.2	27.3	40.9	





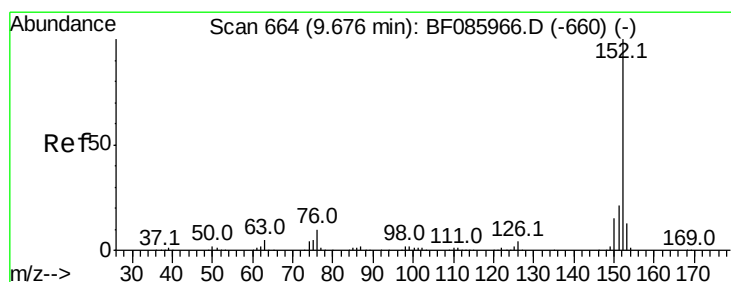
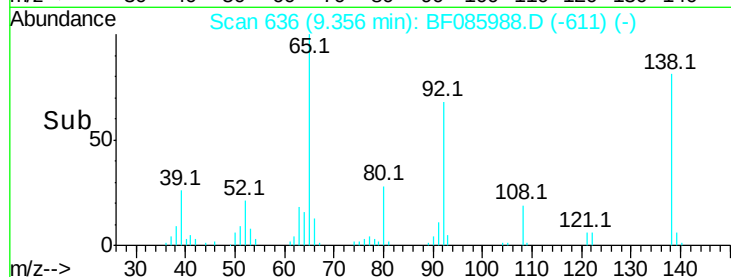
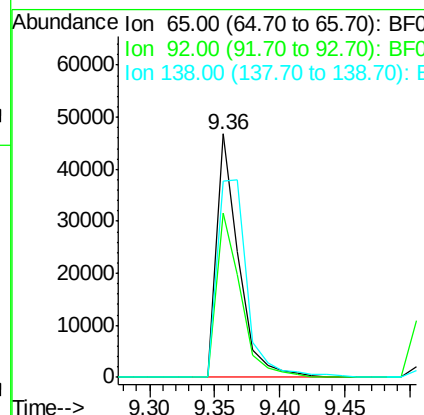
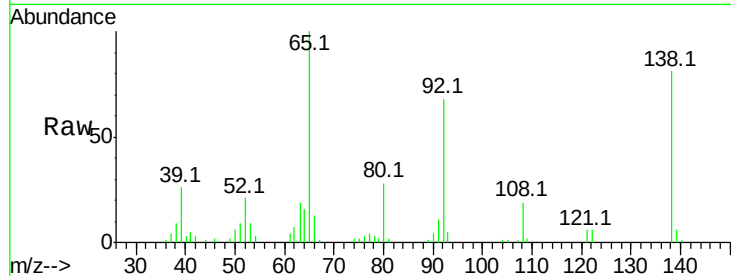
#47
2-Nitroaniline
Concen: 15.33 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.7	59.7	89.5
138	80.6	91.4	137.0

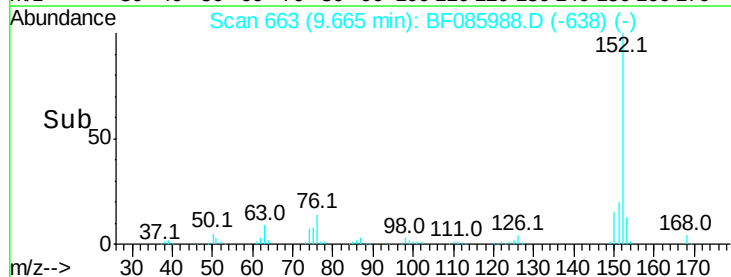
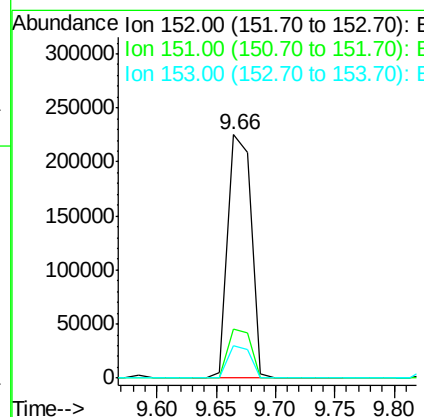
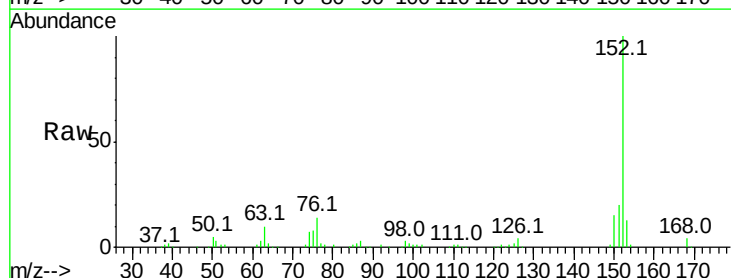
Manual Integrations
APPROVED

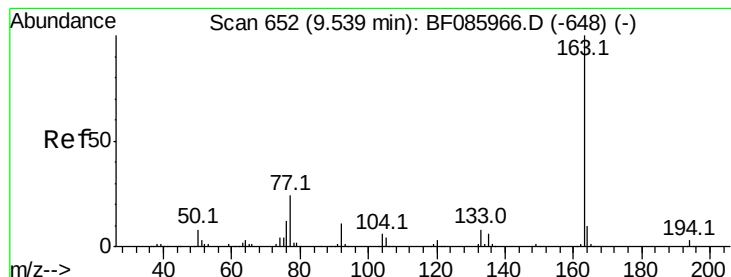
Sohil
4/4/2016 7:43:48 PM



#48
Acenaphthylene
Concen: 15.37 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	13.4	10.9	16.3





#49

Dimethylphthalate

Concen: 15.25 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

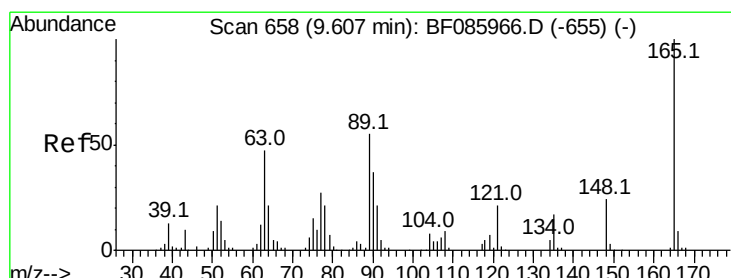
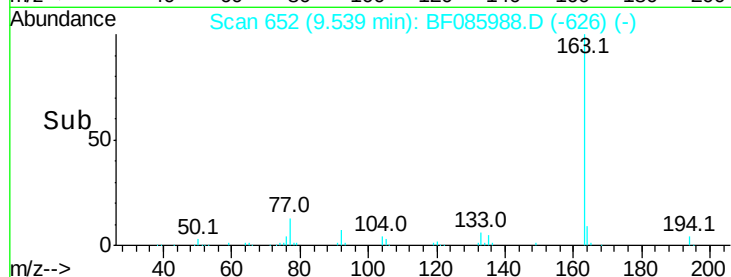
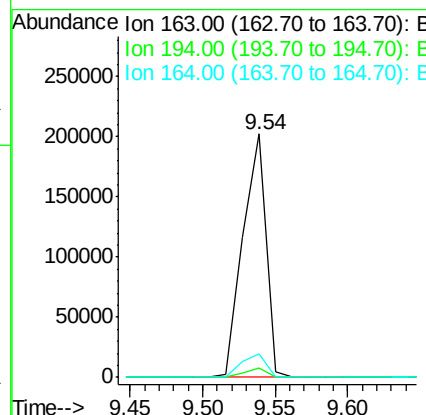
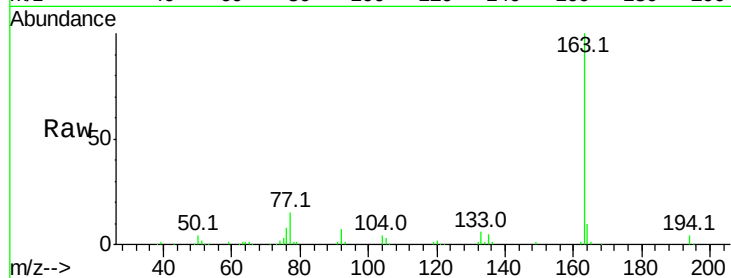
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	163	Resp:	224224
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.9	4.3
164	9.7	8.3	12.5

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 14.06 ng

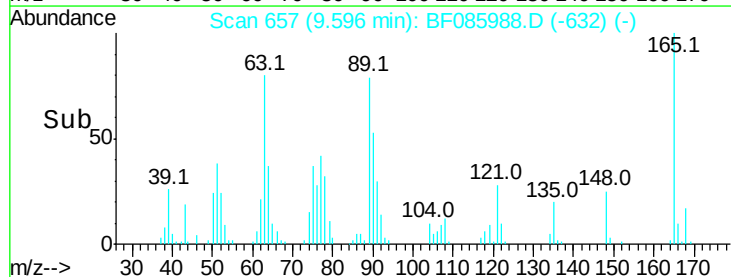
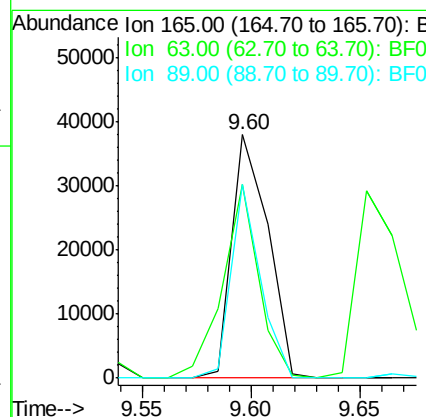
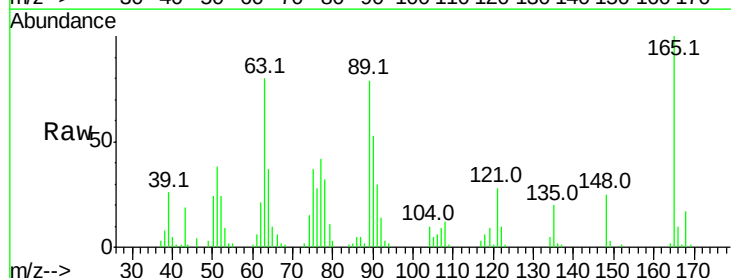
RT: 9.60 min Scan# 657

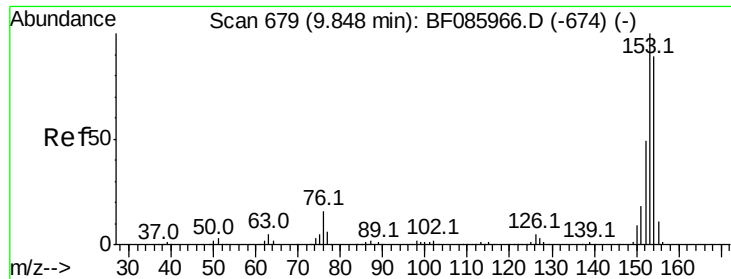
Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Tgt Ion:	165	Resp:	43744
Ion Ratio	Lower	Upper	
165	100		
63	79.7	51.8	77.8#
89	79.4	53.7	80.5





#51

Acenaphthene

Concen: 15.31 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

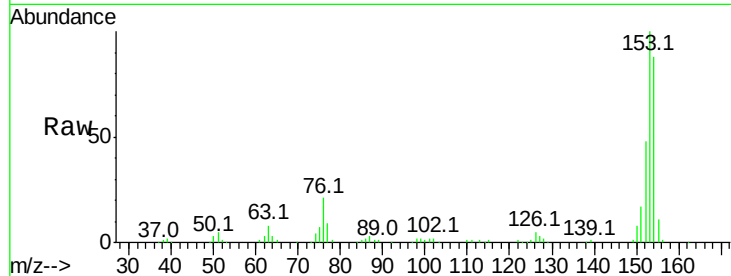
ClientSampleId :

LOQ-WATER2016-02

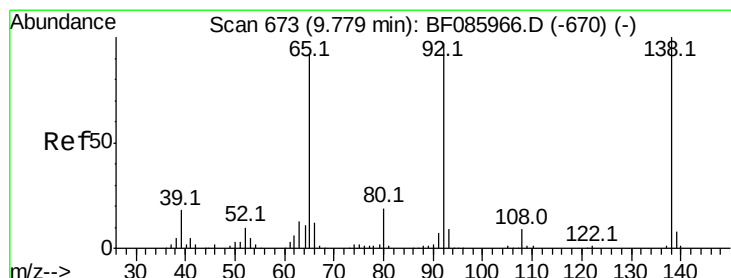
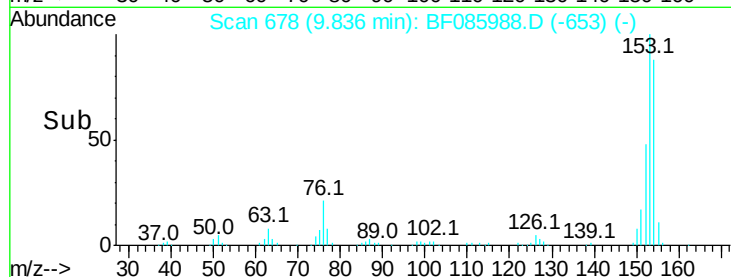
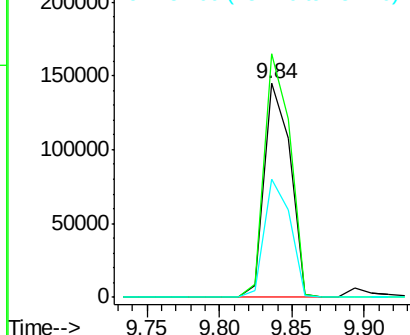
Tot Ion:	154	Resp:	180908
Ion Ratio	Lower	Upper	
154	100		
153	113.8	90.1	135.1
152	55.1	44.2	66.2

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



#52

3-Nitroaniline

Concen: 10.15 ng

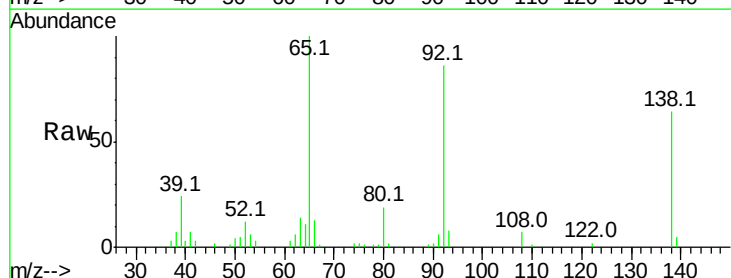
RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

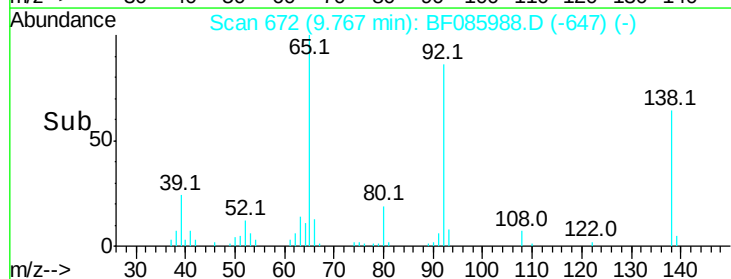
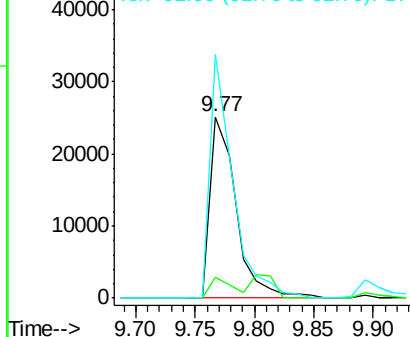
Lab File: BF085988.D

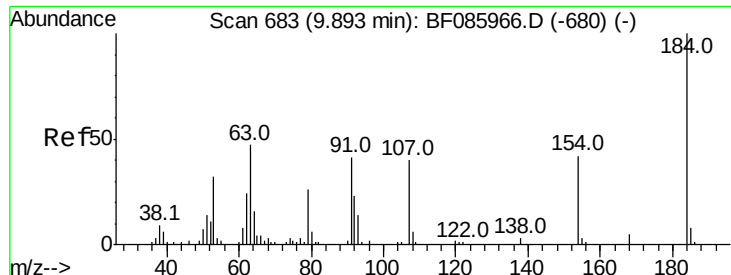
Acq: 2 Apr 2016 4:02

Tgt Ion:	138	Resp:	38061
Ion Ratio	Lower	Upper	
138	100		
108	11.7	8.7	13.1
92	134.6	93.3	139.9



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





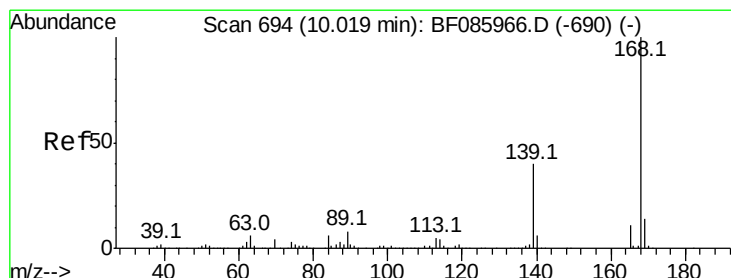
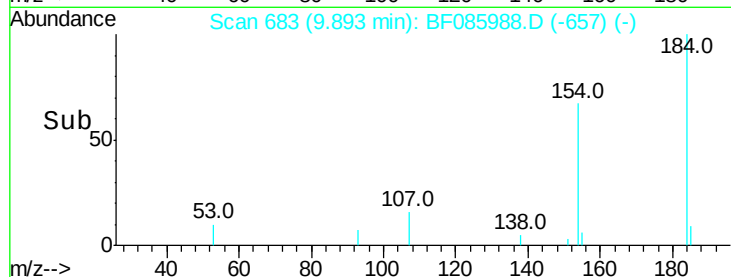
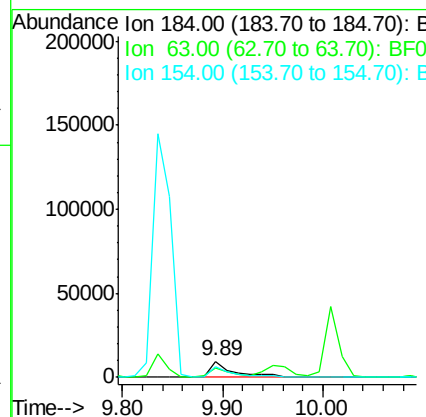
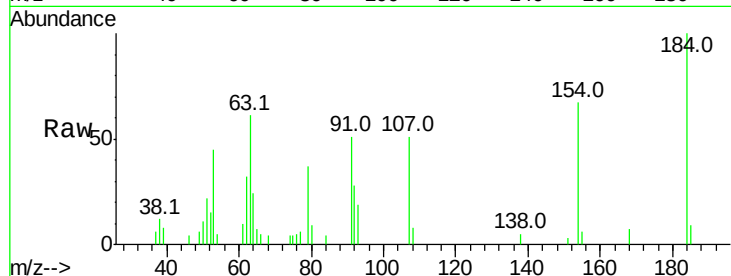
#53
 2,4-Dinitrophenol
 Concen: 14.62 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	61.5	69.5	104.3	
154	67.4	58.3	87.5	

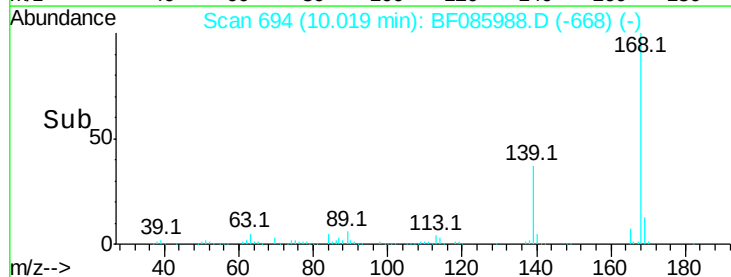
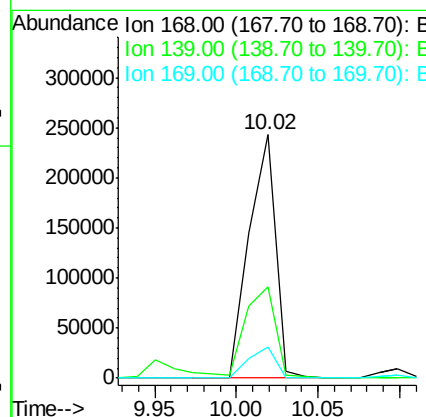
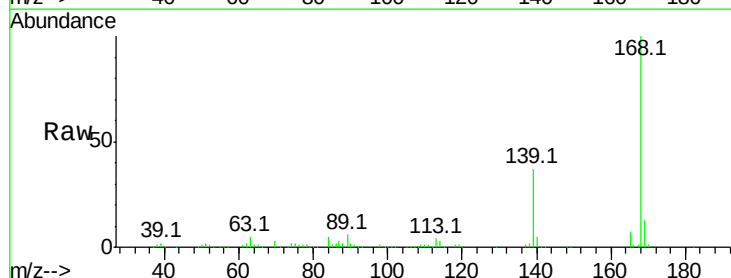
Manual Integrations
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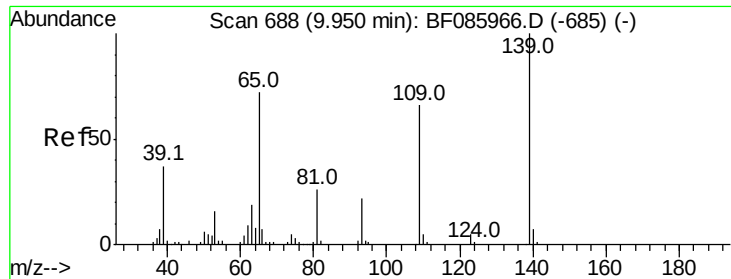
Sohil
 4/4/2016 7:43:48 PM



#54
 Dibenzofuran
 Concen: 17.50 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.4	31.9	47.9	
169	12.9	11.0	16.6	





#55

4-Nitrophenol

Concen: 12.01 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tot Ion:139 Resp: 26541

Ion Ratio Lower Upper

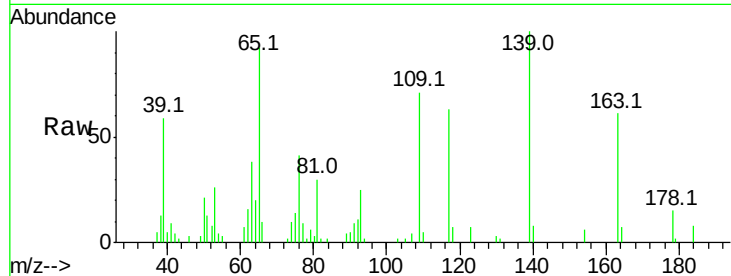
139 100

109 71.3 49.2 89.2

65 92.4 66.9 106.9

Manual Integrations
APPROVED

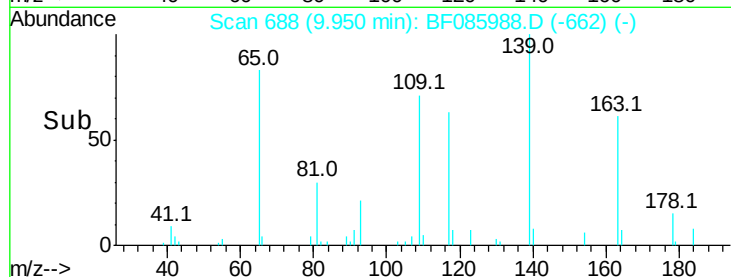
Sohil
4/4/2016 7:43:48 PM



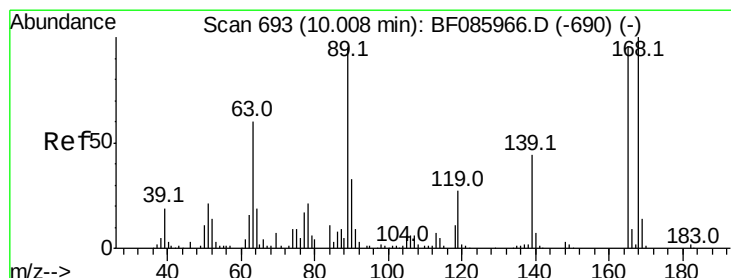
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#56

2,4-Dinitrotoluene

Concen: 17.07 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Tgt Ion:165 Resp: 67103

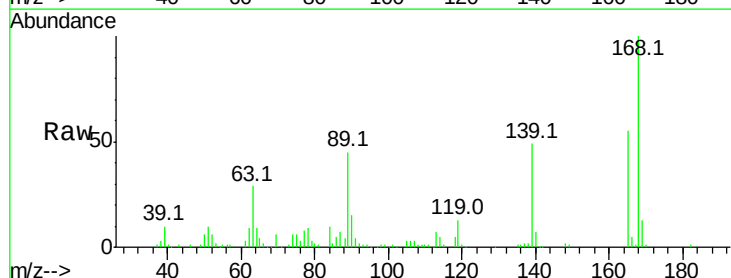
Ion Ratio Lower Upper

165 100

63 53.2 24.9 37.3#

89 81.5 41.0 61.6#

182 2.4 2.1 3.1

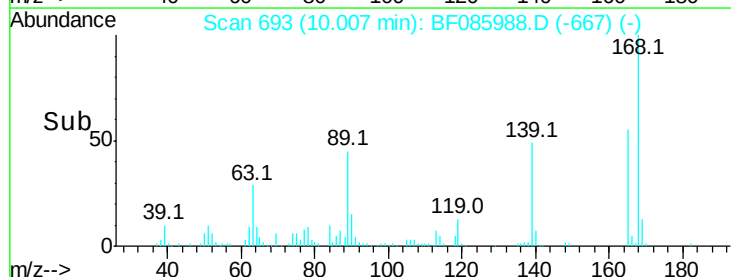


Abundance Ion 165.00 (164.70 to 165.70): E

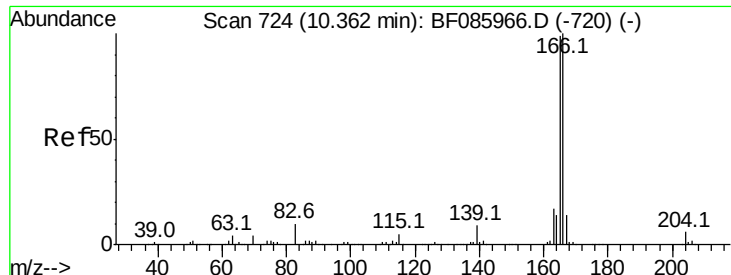
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



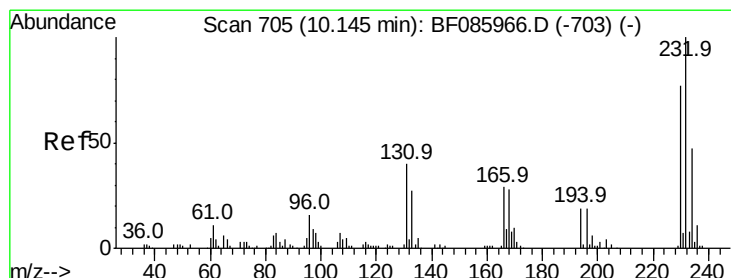
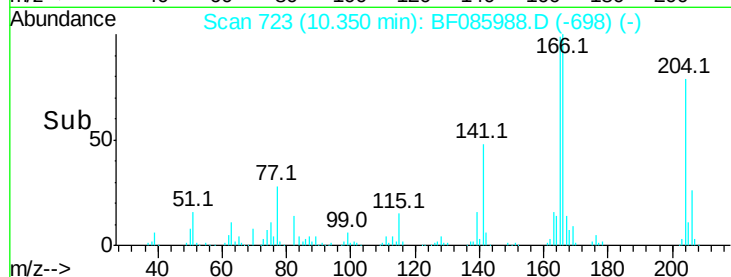
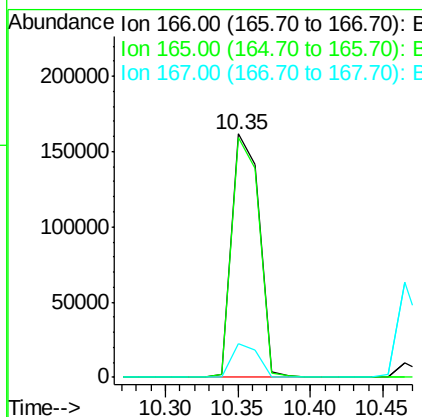
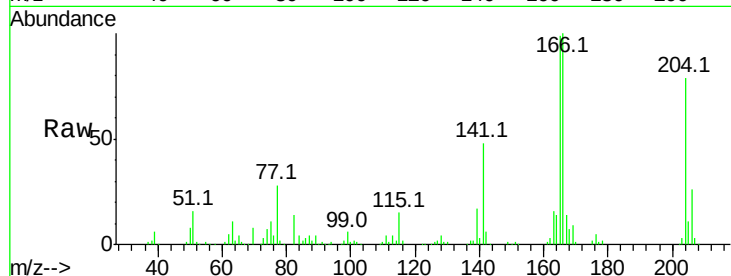
#57
Fluorene
Concen: 15.97 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
166	100	212872		
165	98.6	79.4	119.0	
167	13.9	11.0	16.4	

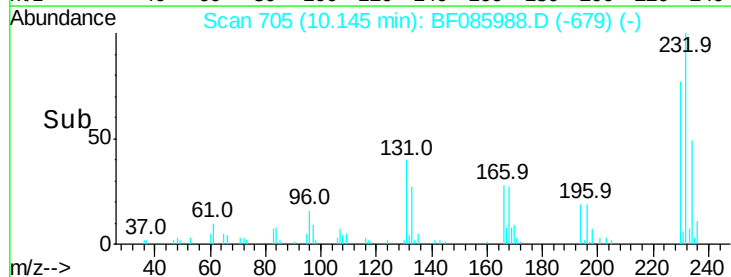
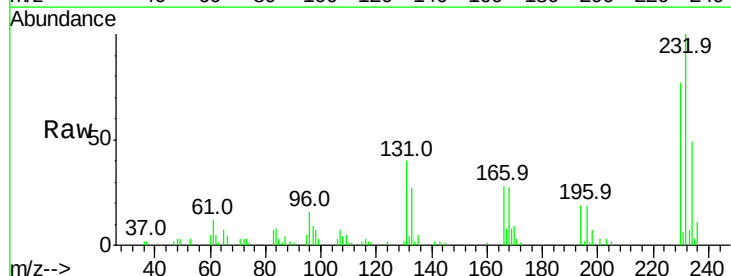
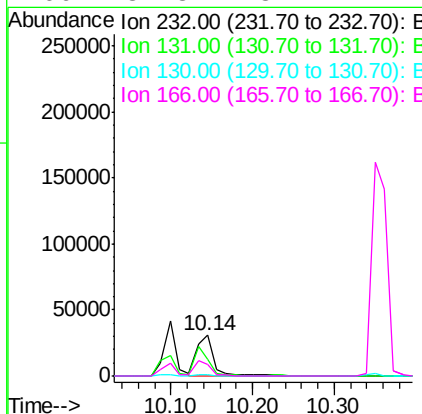
Manual Integrations
APPROVED

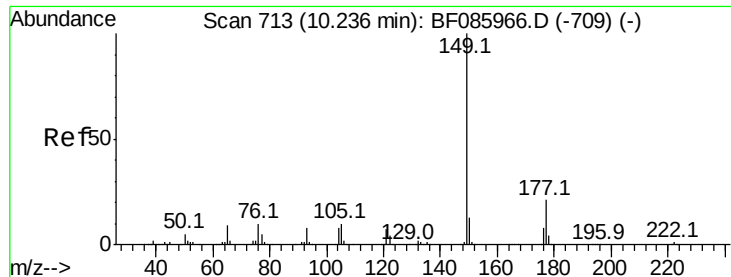
Sohil
4/4/2016 7:43:48 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 16.01 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	46335		
131	58.2	44.9	67.3	
130	2.8	2.3	3.5	
166	34.3	28.1	42.1	





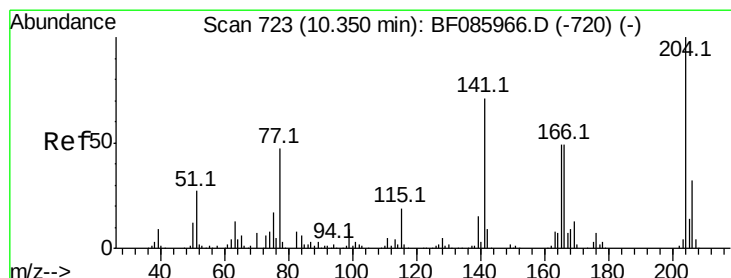
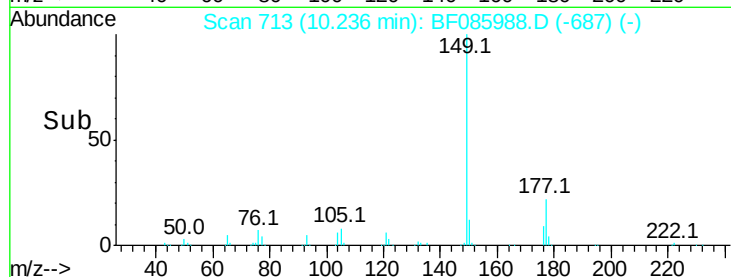
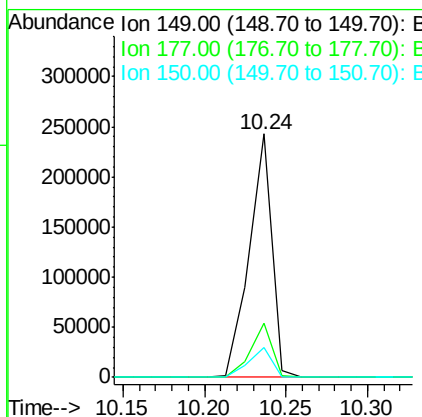
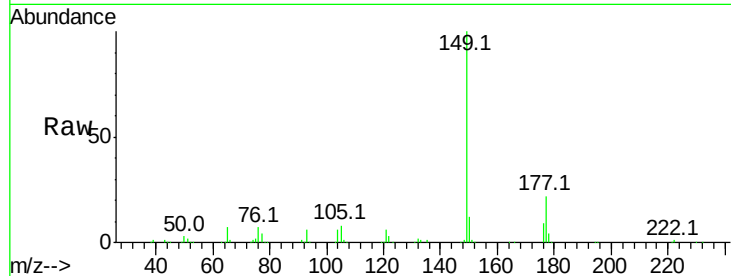
#59
Diethylphthalate
Concen: 15.83 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
149	100	234975		
177	22.4	17.9	26.9	
150	12.1	10.2	15.2	

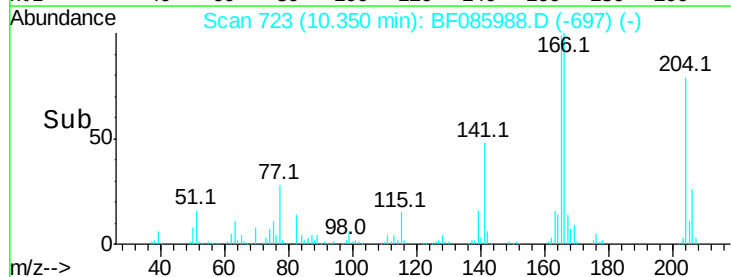
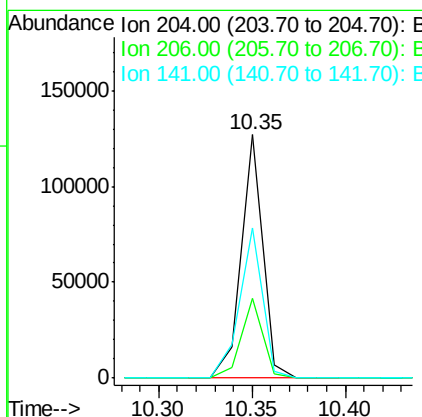
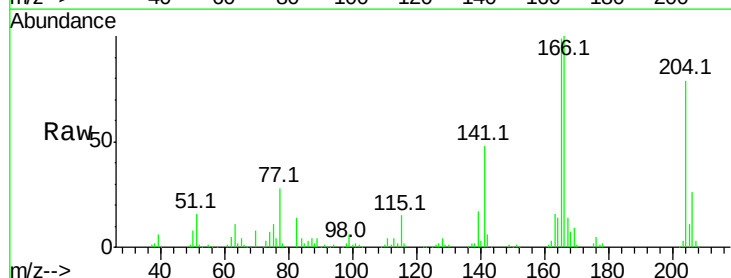
Manual Integrations
APPROVED

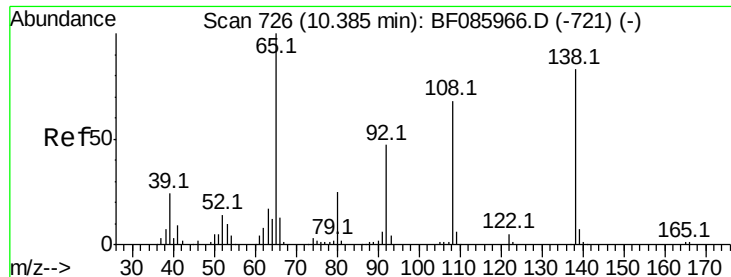
Sohil
4/4/2016 7:43:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 16.68 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	103586		
206	33.0	26.6	39.8	
141	61.7	57.4	86.0	





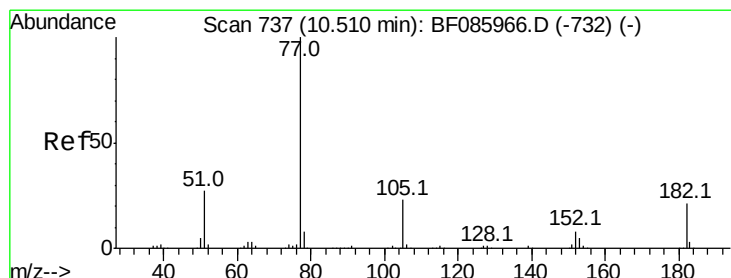
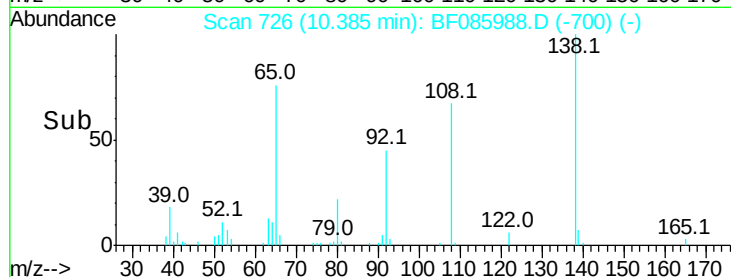
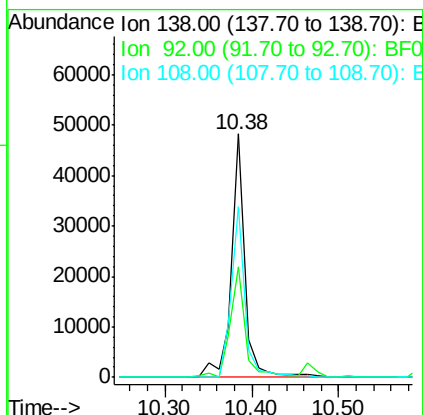
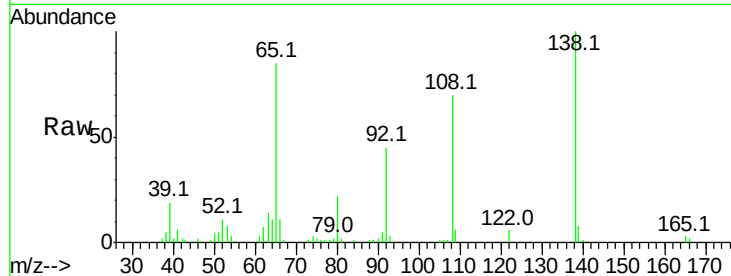
#61
4-Nitroaniline
Concen: 14.17 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
138	100	52328		
92	45.4	26.4	66.4	
108	70.3	49.0	89.0	

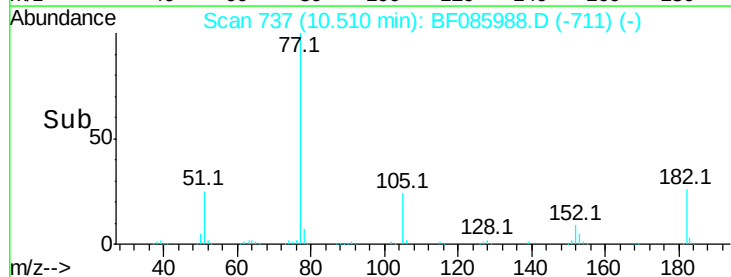
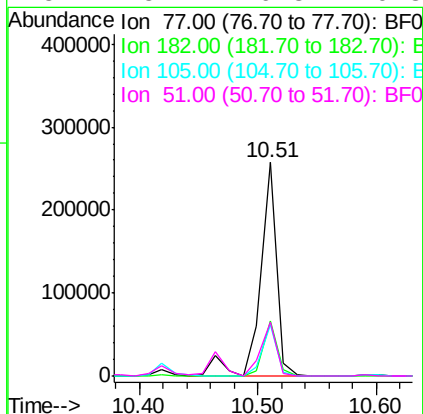
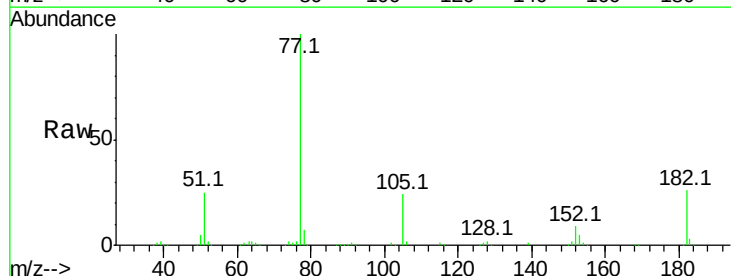
Manual Integrations
APPROVED

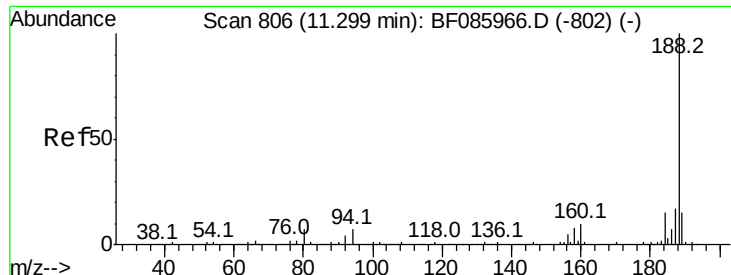
Sohil
4/4/2016 7:43:48 PM



#62
Azobenzene
Concen: 17.77 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	252592		
182	25.9	1.9	41.9	
105	23.8	3.5	43.5	
51	25.1	6.3	46.3	





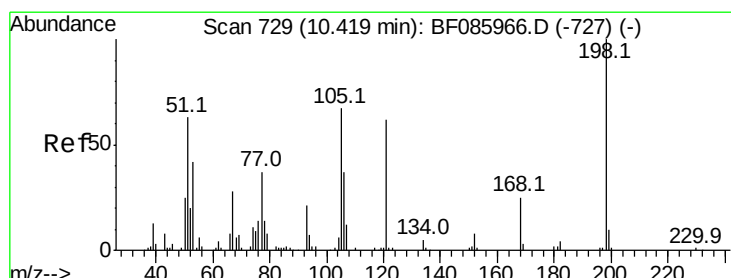
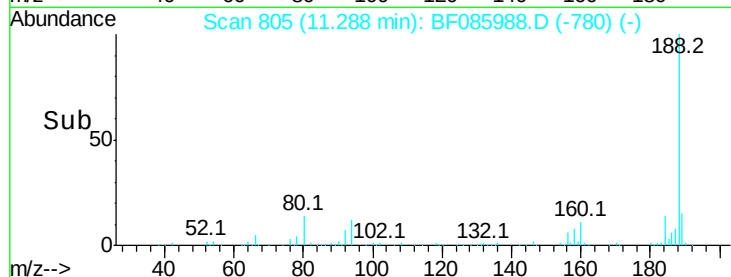
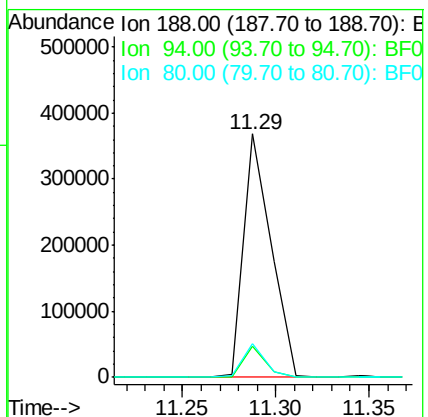
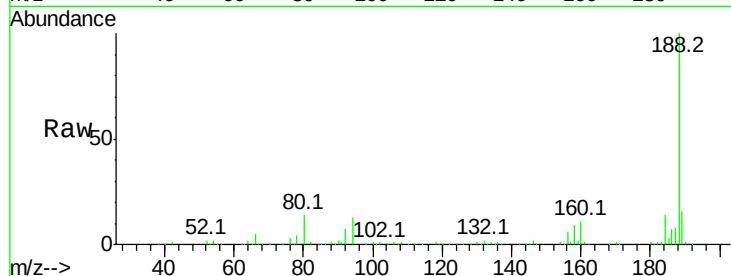
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.6	5.4	8.0#
80	13.6	5.5	8.3#

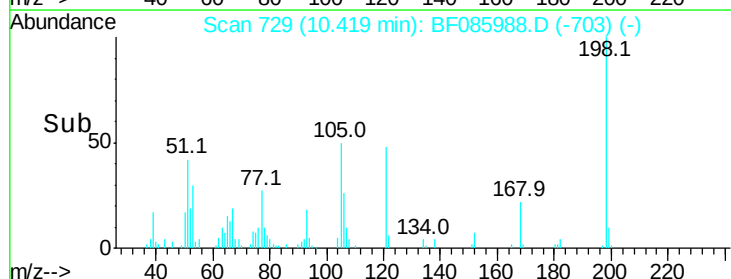
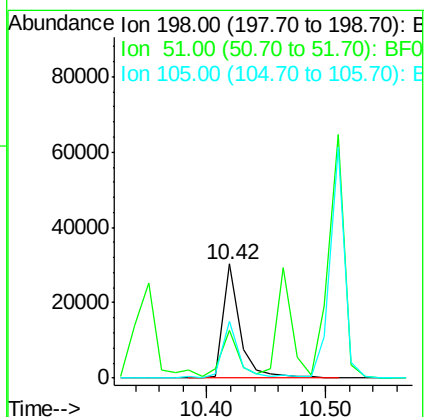
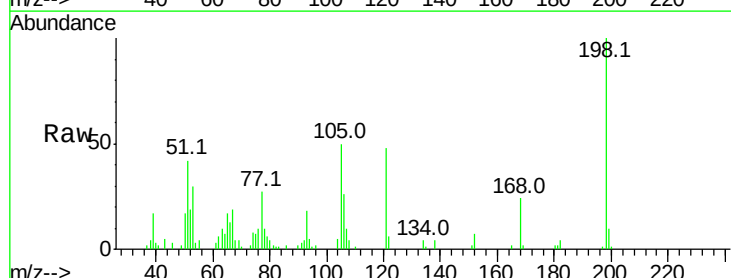
Manual Integrations
APPROVED

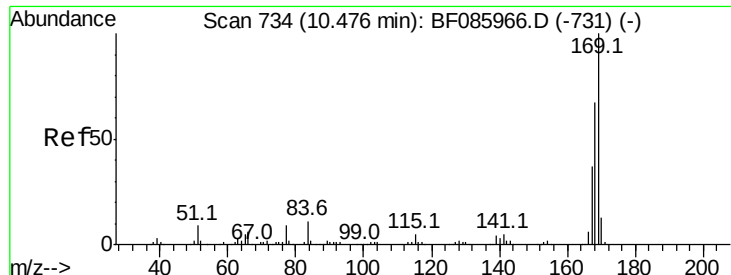
Sohil
4/4/2016 7:43:48 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 12.86 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	41.7	45.4	85.4#
105	49.8	45.9	85.9





#65

n-Nitrosodiphenylamine

Concen: 15.72 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tot Ion:169 Resp: 186000

Ion Ratio Lower Upper

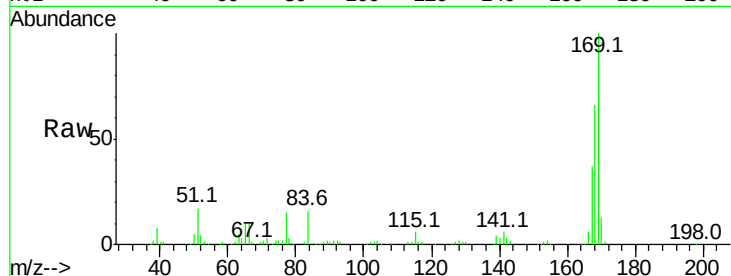
169 100

168 66.1 54.4 81.6

167 36.8 29.4 44.0

Manual Integrations
APPROVED

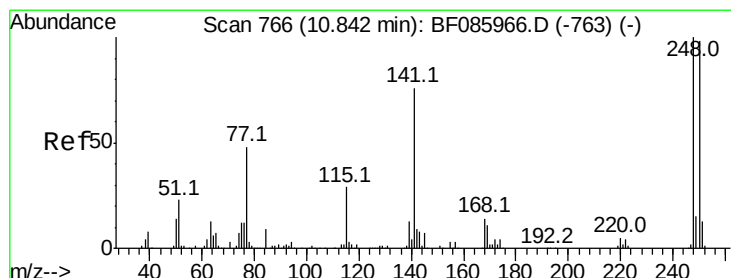
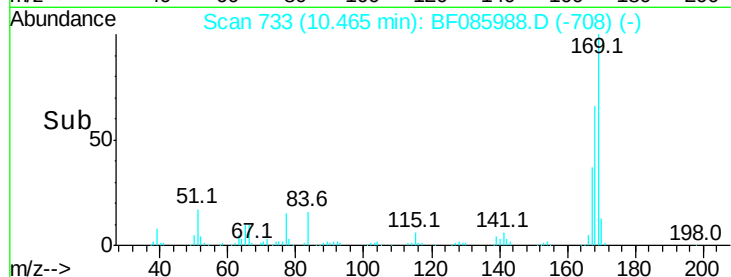
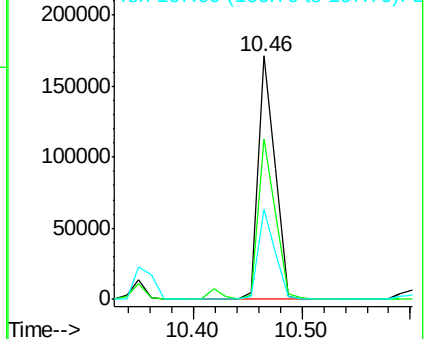
Sohil
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 14.74 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

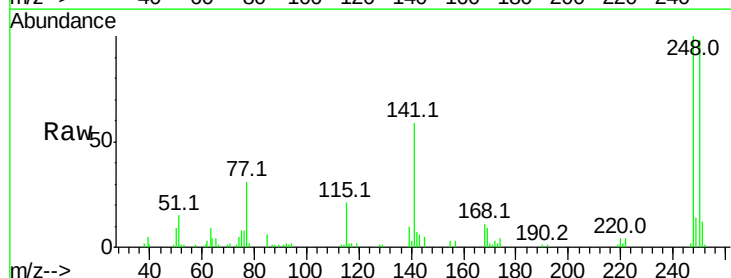
Tgt Ion:248 Resp: 56951

Ion Ratio Lower Upper

248 100

250 97.6 77.4 116.0

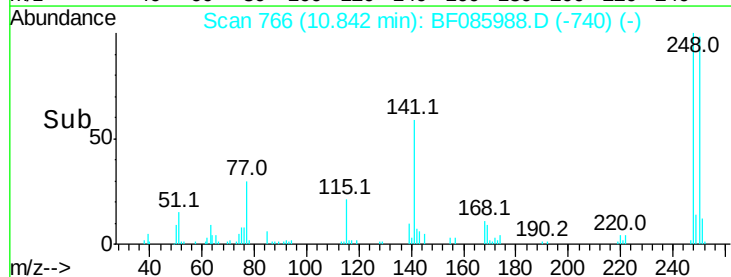
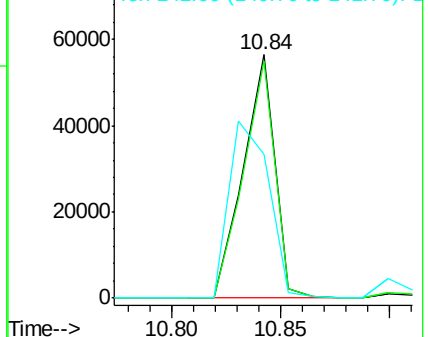
141 59.0 63.6 95.4#

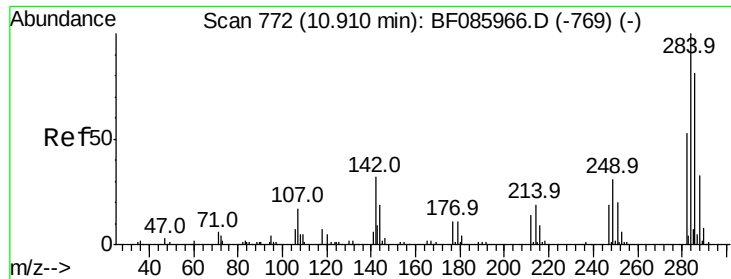


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





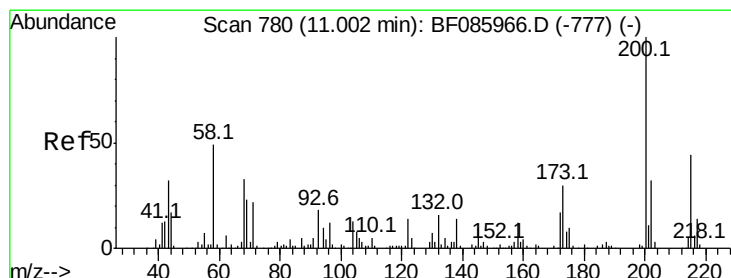
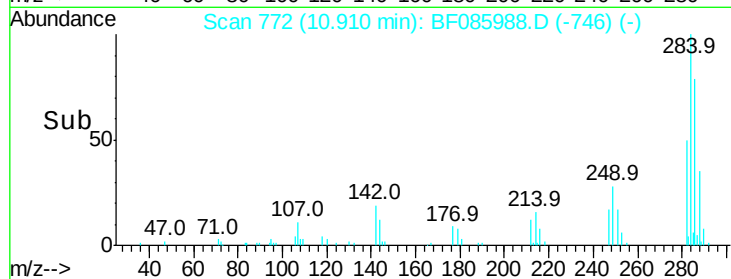
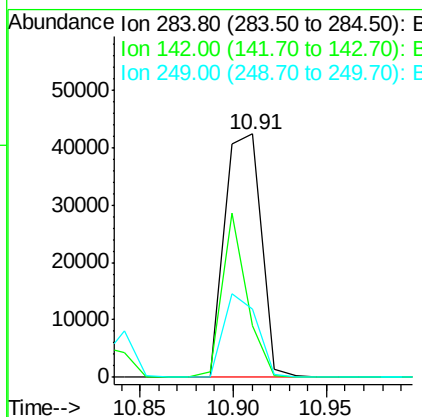
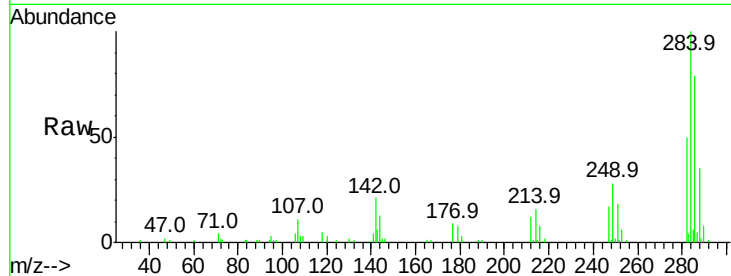
#67
Hexachlorobenzene
Concen: 14.55 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
284	100	58120		
142	21.2	23.1	34.7	#
249	28.0	24.2	36.2	

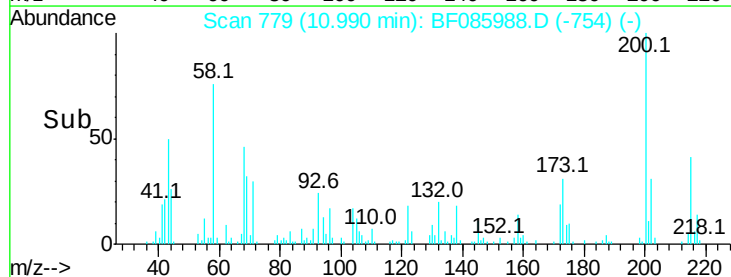
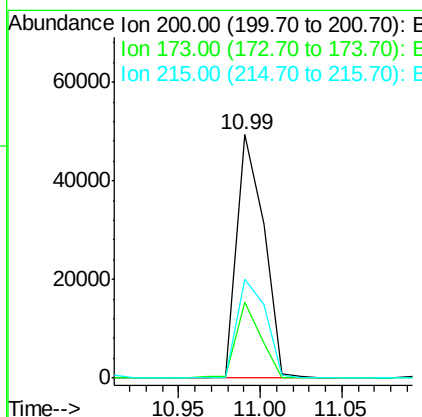
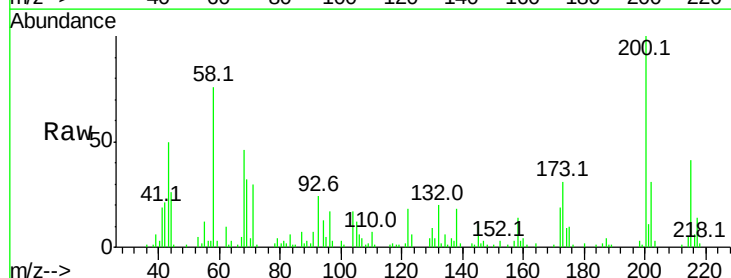
Manual Integrations
APPROVED

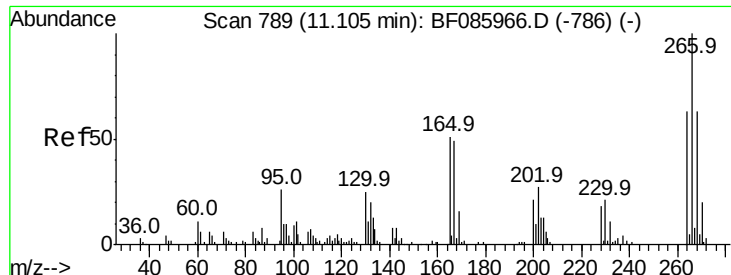
Sohil
4/4/2016 7:43:48 PM



#68
Atrazine
Concen: 14.74 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	56358		
173	31.1	7.7	47.7	
215	40.7	25.4	65.4	





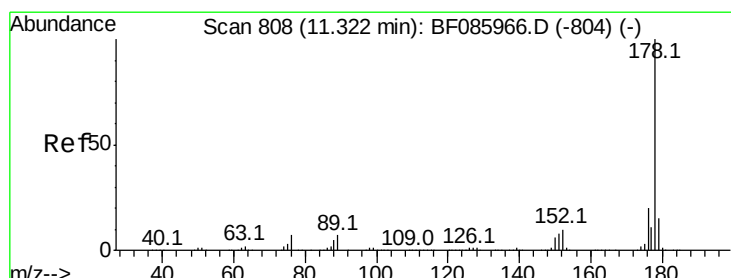
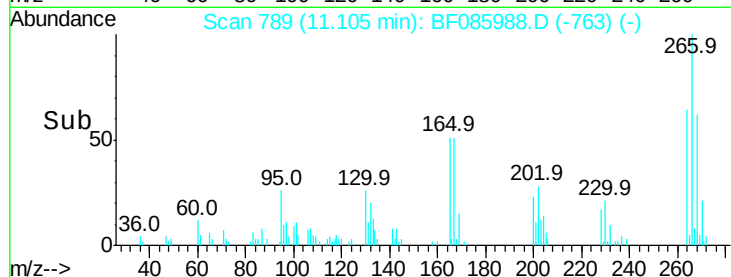
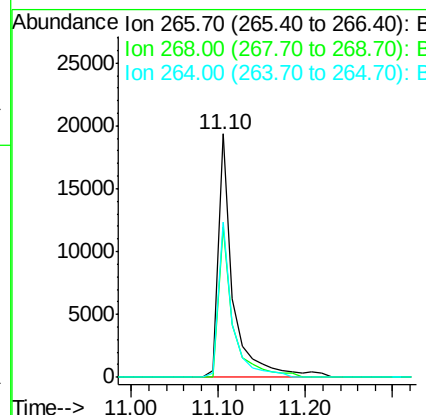
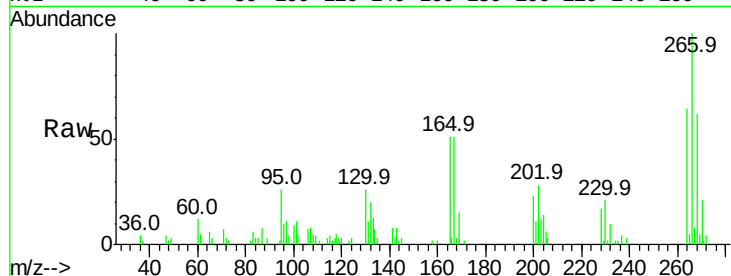
#69
 Pentachlorophenol
 Concen: 12.47 ng
 RT: 11.10 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
266	100	23353		
268	61.9		51.5	77.3
264	63.6		50.6	76.0

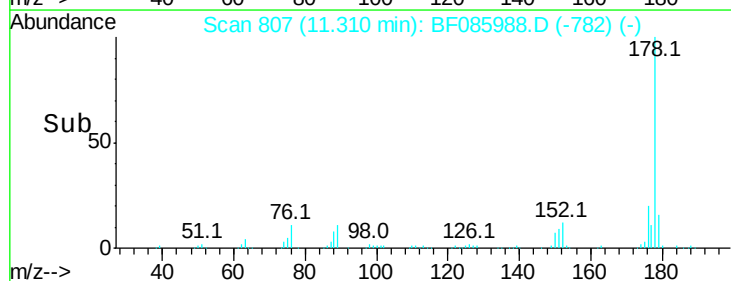
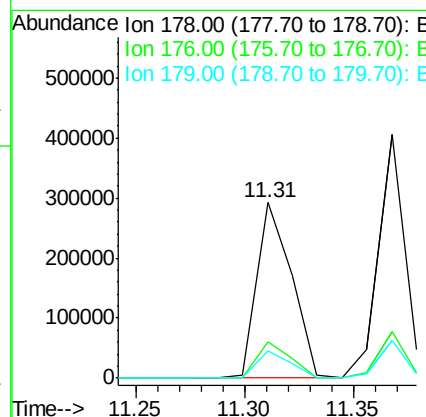
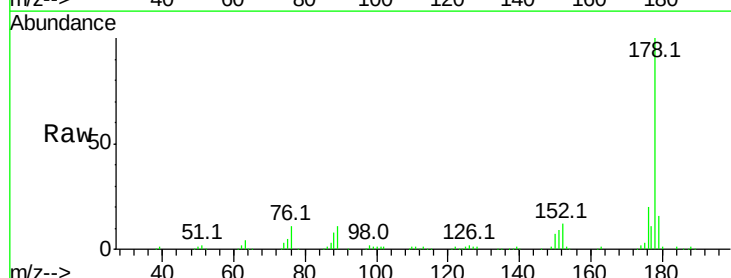
Manual Integrations
 APPROVED

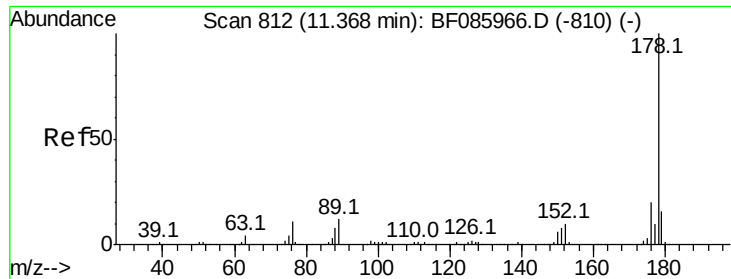
Sohil
 4/4/2016 7:43:48 PM



#70
 Phenanthrene
 Concen: 15.73 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	324785		
176	20.3		16.3	24.5
179	15.7		12.6	18.8





#71

Anthracene

Concen: 16.29 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-02

Tot Ion:178 Resp: 352241

Ion Ratio Lower Upper

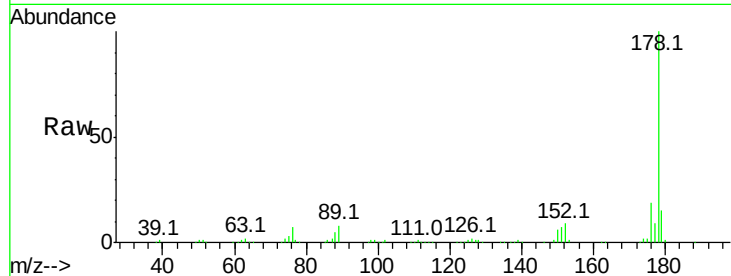
178 100

176 18.9 15.9 23.9

179 15.3 13.0 19.4

Manual Integrations
APPROVED

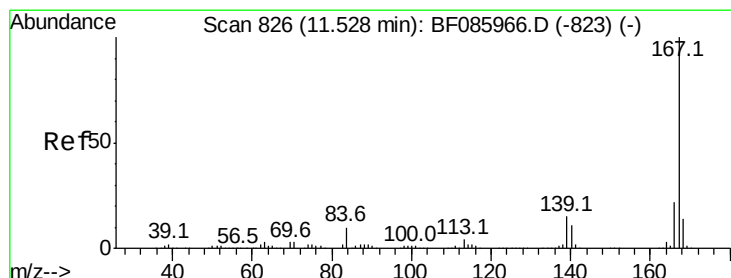
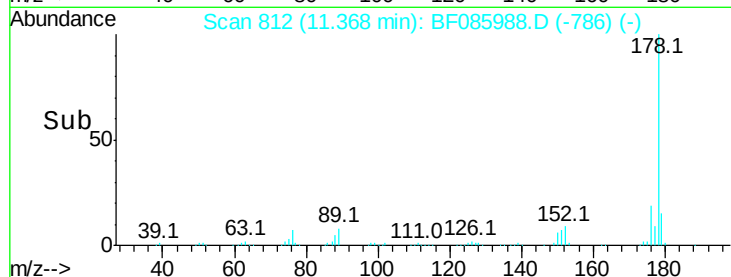
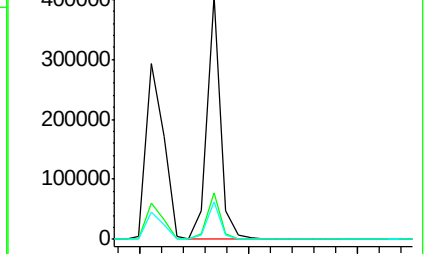
Sohil
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 16.54 ng

RT: 11.53 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

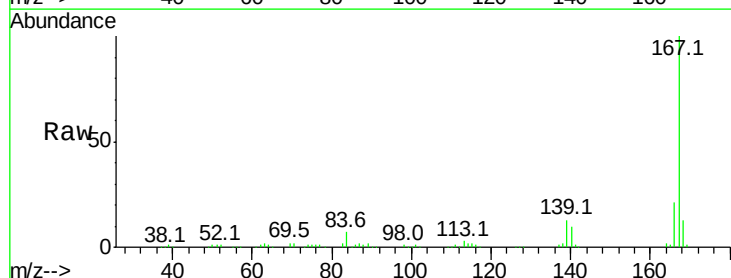
Tgt Ion:167 Resp: 307352

Ion Ratio Lower Upper

167 100

166 21.2 17.8 26.8

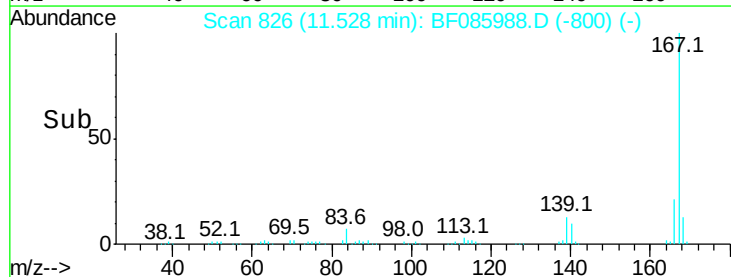
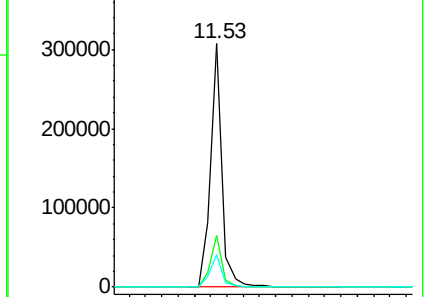
139 13.1 11.6 17.4

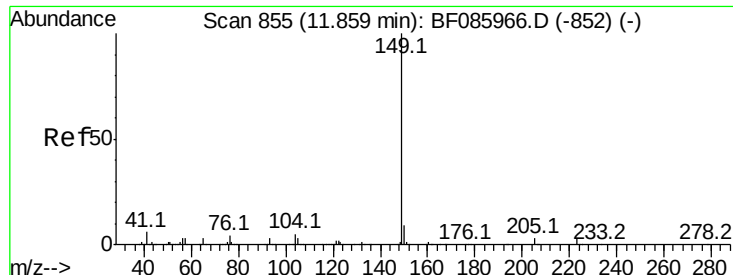


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 15.55 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

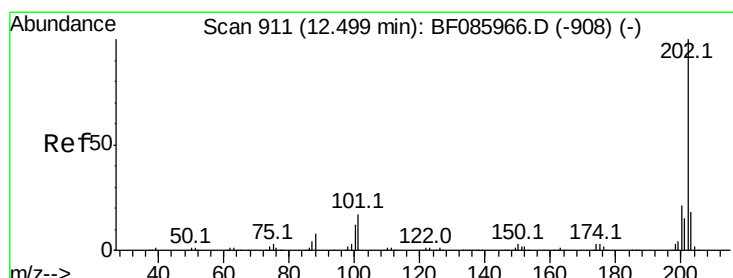
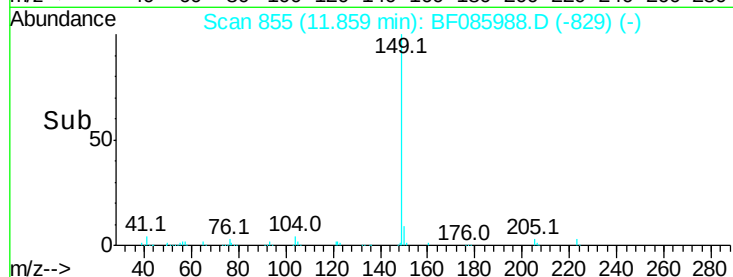
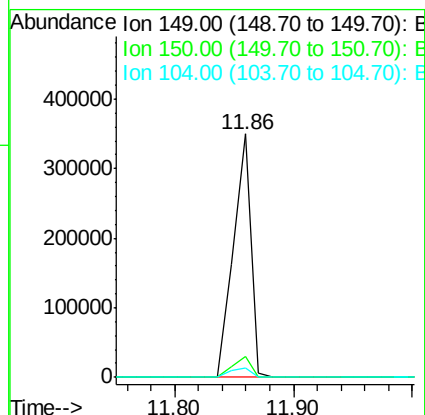
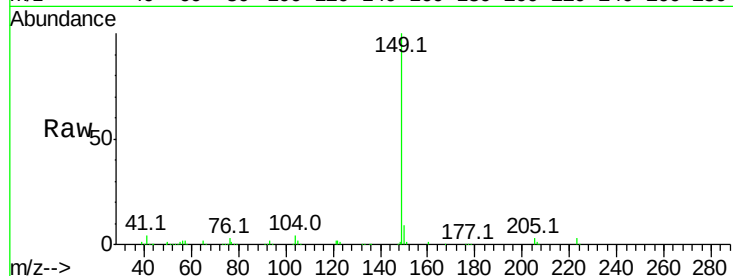
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	149	Resp:	358118
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.6	11.4
104	4.0	3.8	5.8

Manual Integrations
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4/4/2016 7:43:48 PM



#74

Fluoranthene

Concen: 15.60 ng

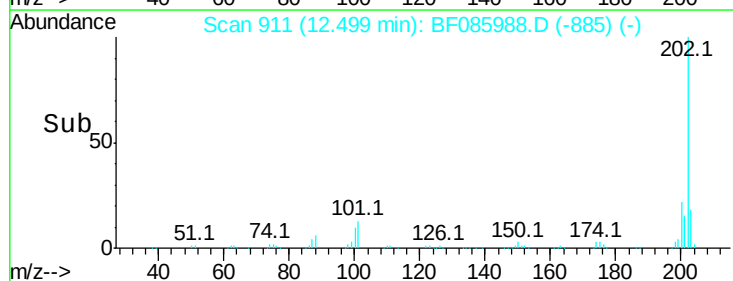
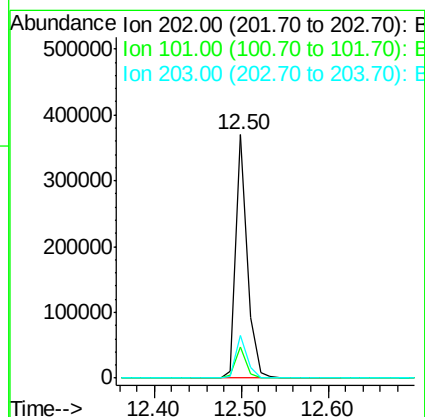
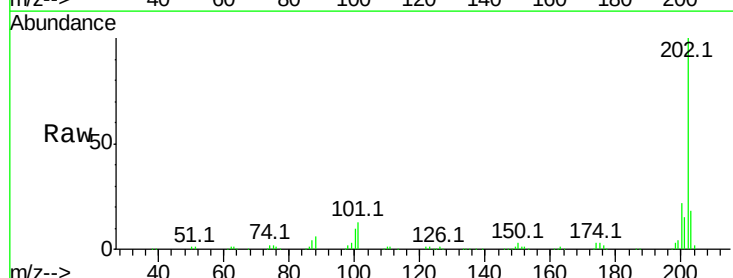
RT: 12.50 min Scan# 911

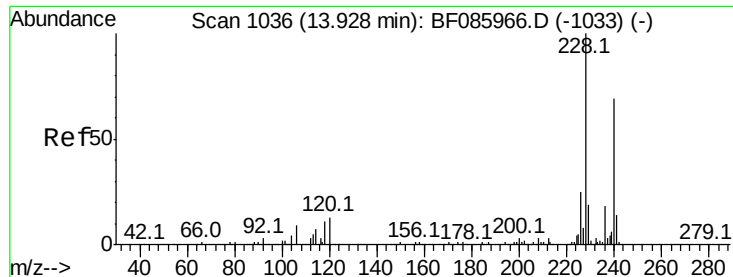
Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Tgt Ion:	202	Resp:	334969
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	36.6
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

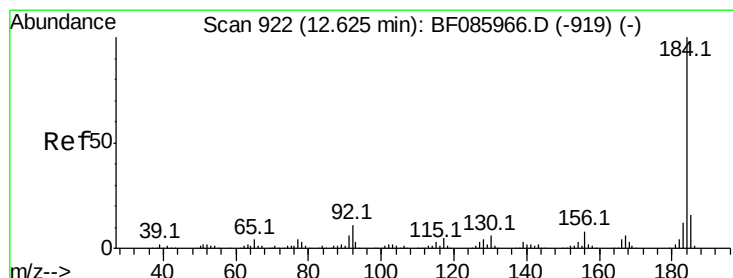
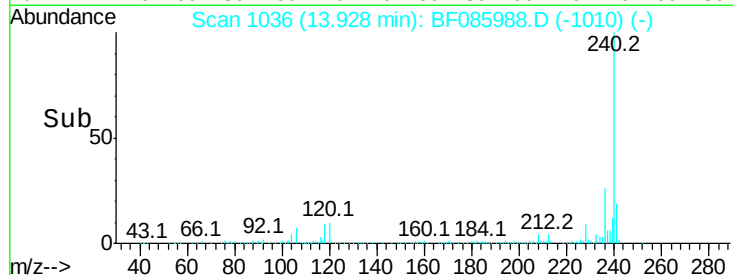
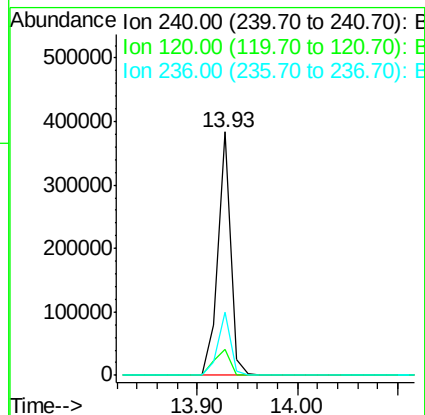
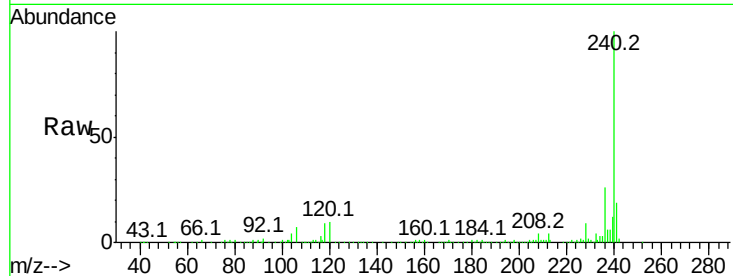
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	240	Resp:	340290
Ion Ratio	Lower	Upper	
240	100		
120	10.4	13.8	20.8#
236	26.1	20.6	30.8

Manual Integrations
APPROVED

Sohil
4/4/2016 7:43:48 PM



#76

Benzidine

Concen: 7.28 ng

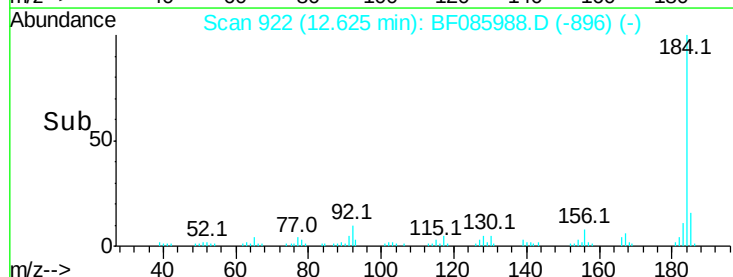
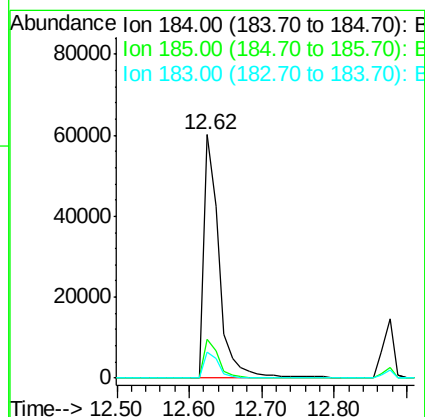
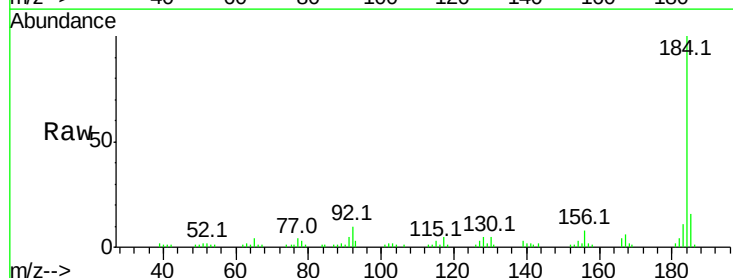
RT: 12.62 min Scan# 922

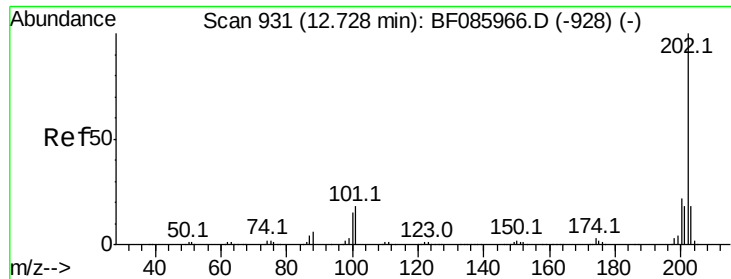
Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Tgt Ion:	184	Resp:	87372
Ion Ratio	Lower	Upper	
184	100		
185	15.8	12.4	18.6
183	10.8	9.4	14.2





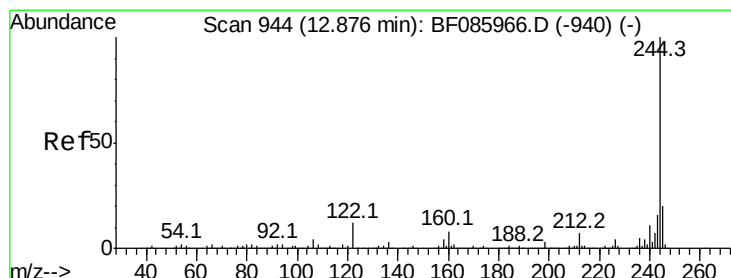
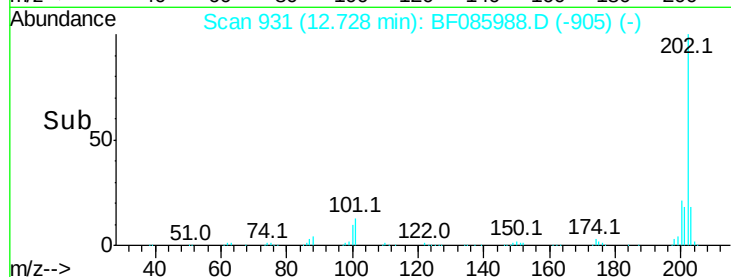
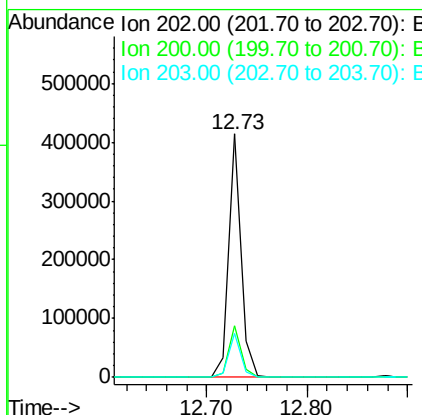
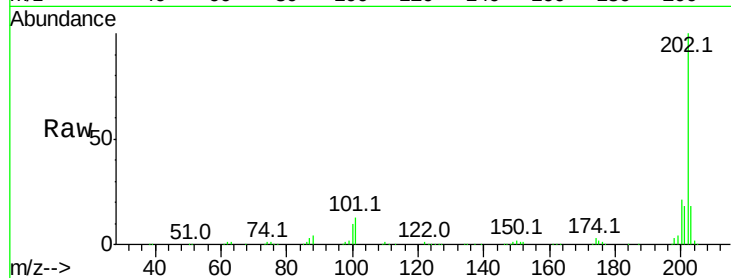
#77
 Pvrene
 Concen: 14.78 ng
 RT: 12.73 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.4	17.6	26.4	
203	17.8	14.0	21.0	

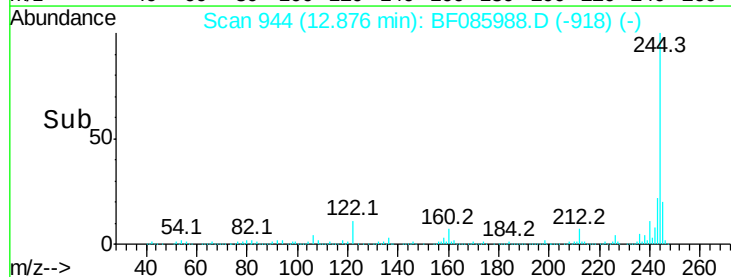
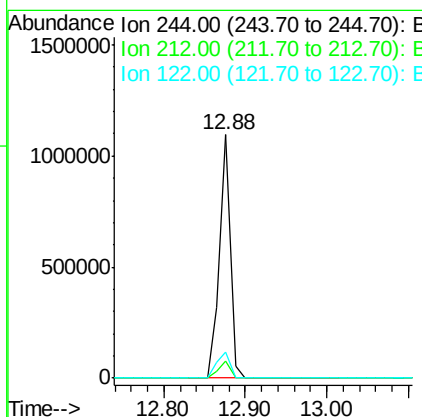
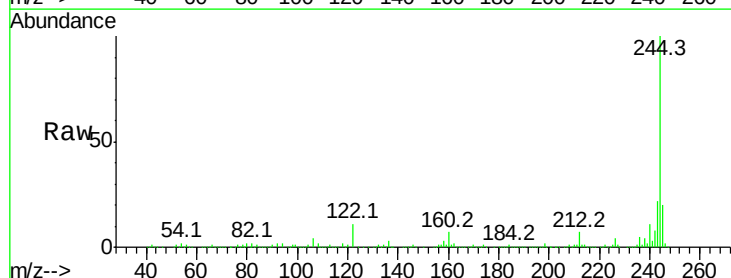
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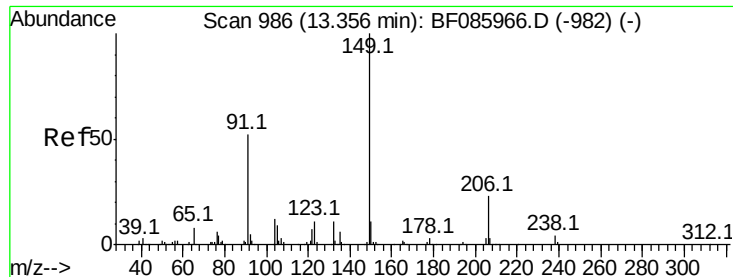
Sohil
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#78
 Terphenyl-d14
 Concen: 70.33 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.2	6.1	9.1	
122	10.9	10.2	15.4	





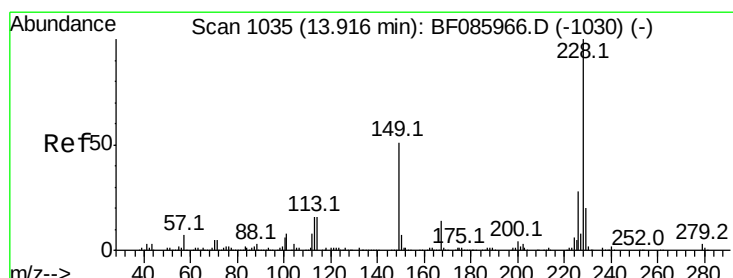
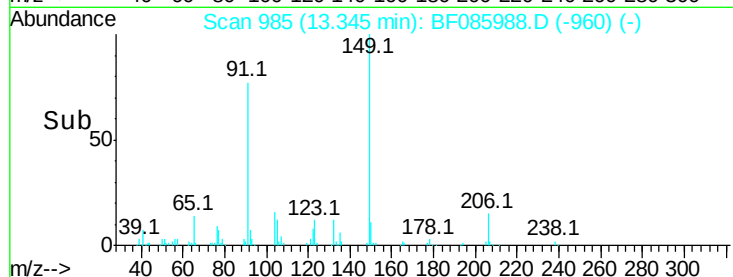
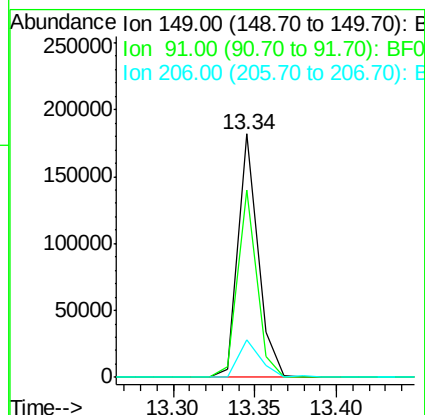
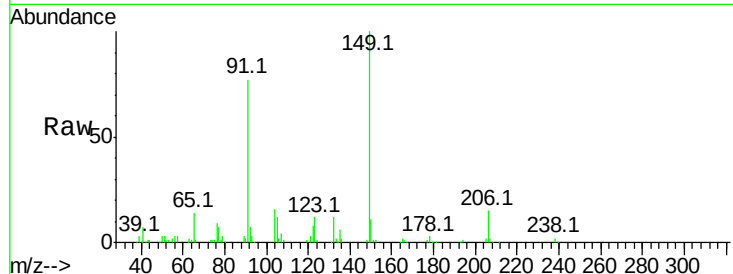
#79
Butylbenzylphthalate
Concen: 14.19 ng
RT: 13.34 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	77.0	45.8	68.8#
206	15.3	17.8	26.8#

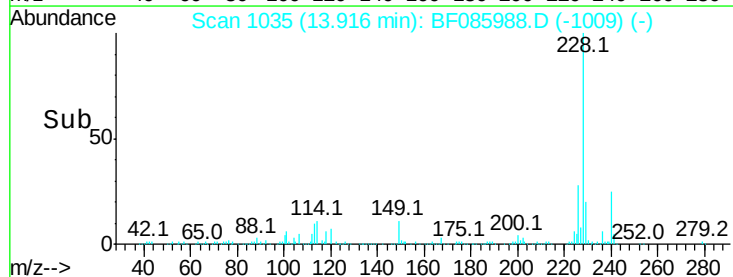
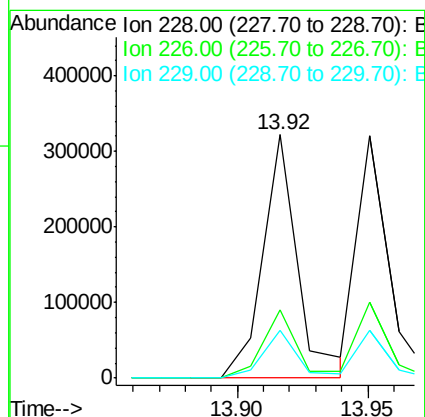
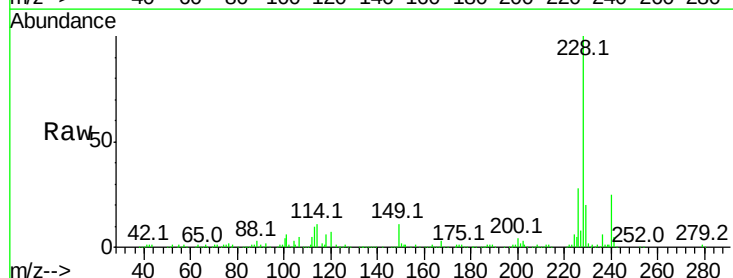
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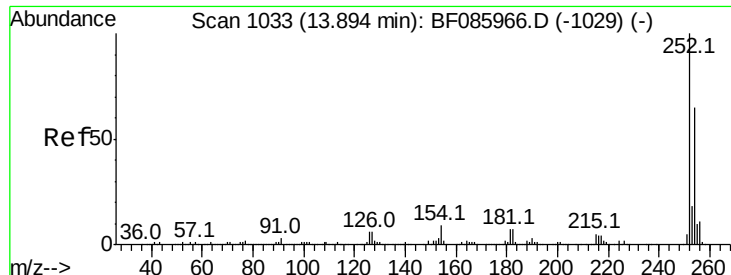
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#80
Benzo(a)anthracene
Concen: 15.01 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF085988.D
Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.1	22.1	33.1
229	19.5	16.2	24.4





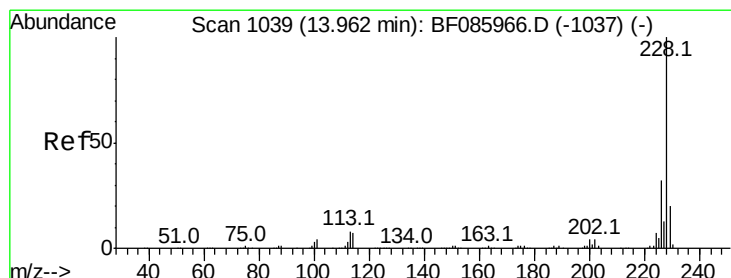
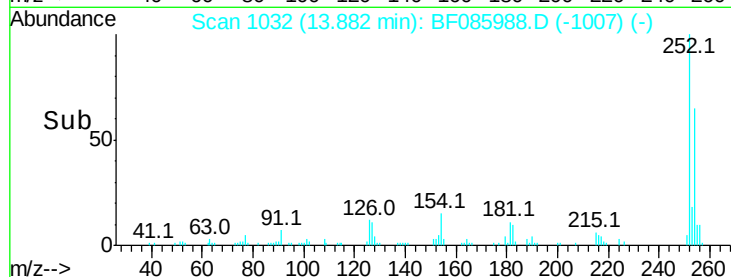
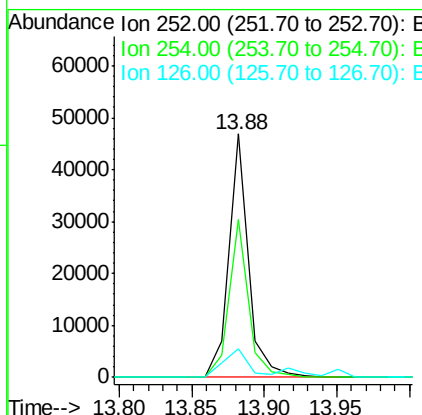
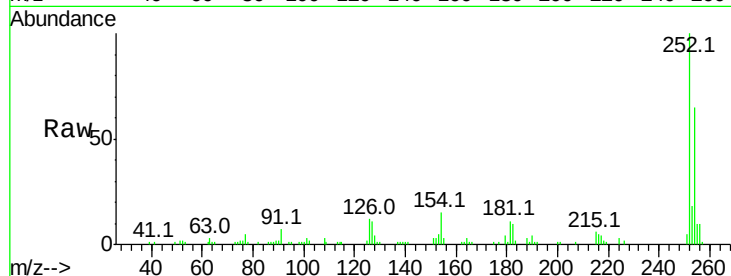
#81
 3,3'-Dichlorobenzidine
 Concen: 3.00 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.7	76.1
126	11.5	11.8	17.6

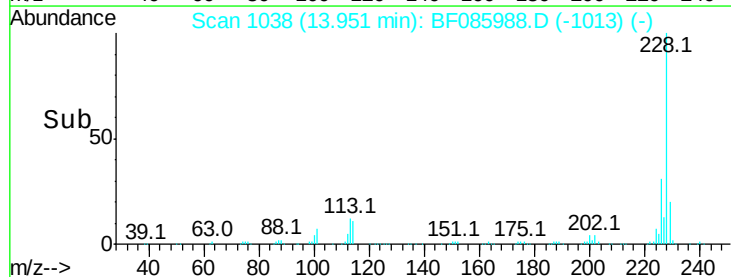
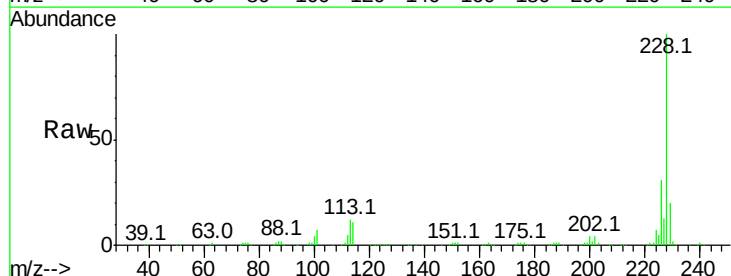
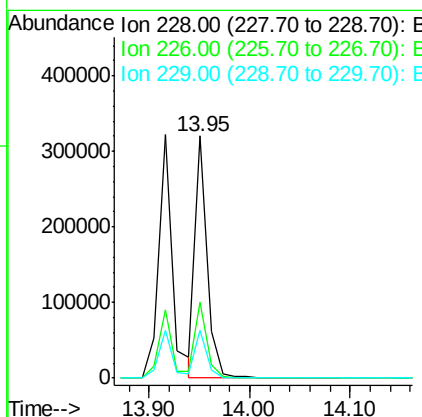
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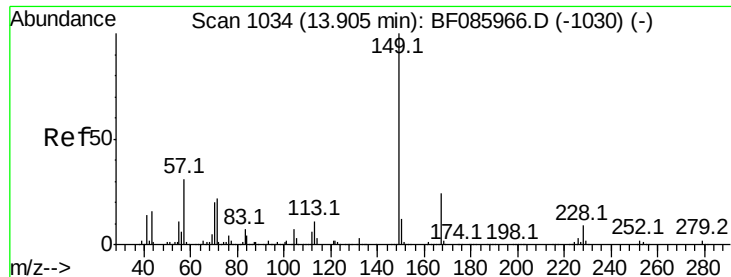
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#82
 Chrysene
 Concen: 13.99 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.6	15.7	23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 15.06 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

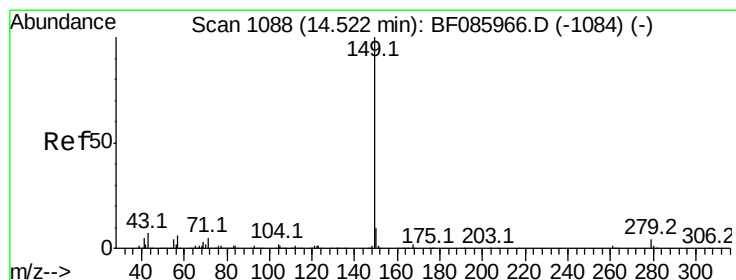
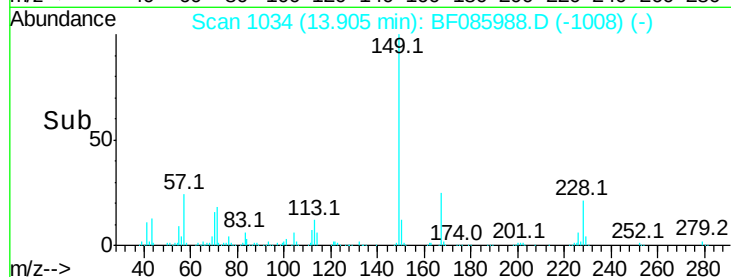
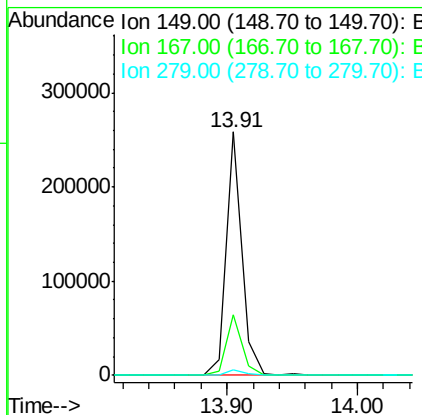
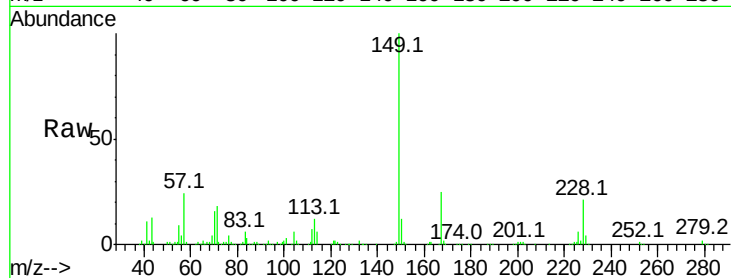
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	149	Resp:	215845
Ion Ratio		Lower	Upper
149	100		
167	24.9	19.4	29.2
279	2.2	1.5	2.3

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#84

Di-n-octyl phthalate

Concen: 14.37 ng

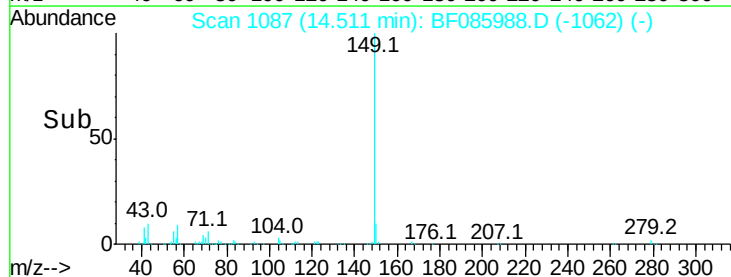
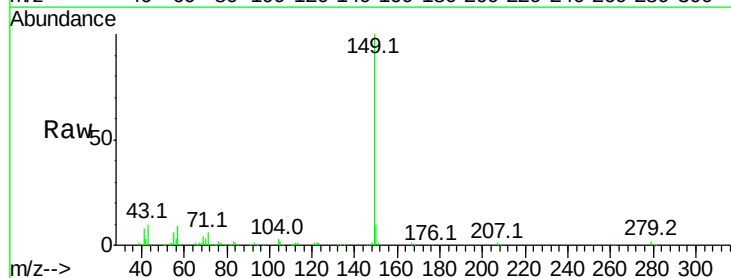
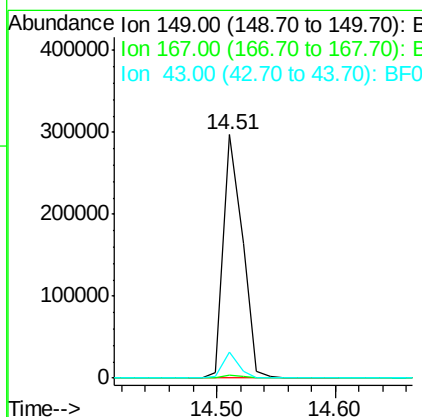
RT: 14.51 min Scan# 1087

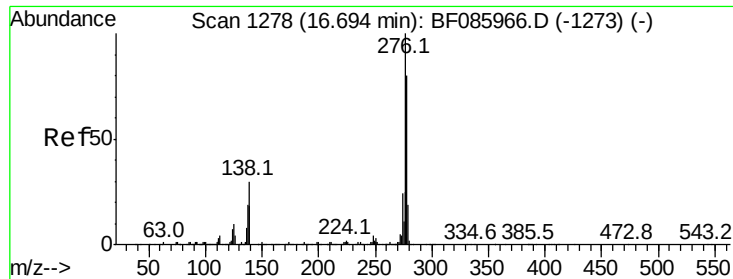
Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Tgt Ion:	149	Resp:	328947
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.2	1.8
43	9.0	7.1	10.7





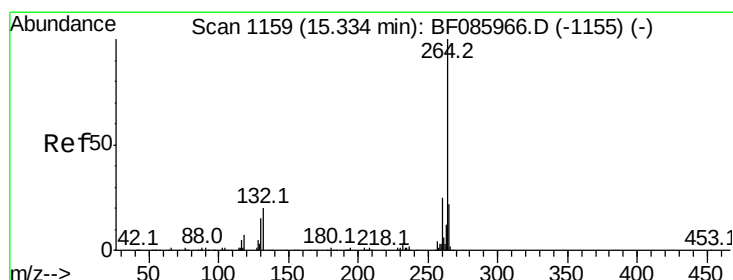
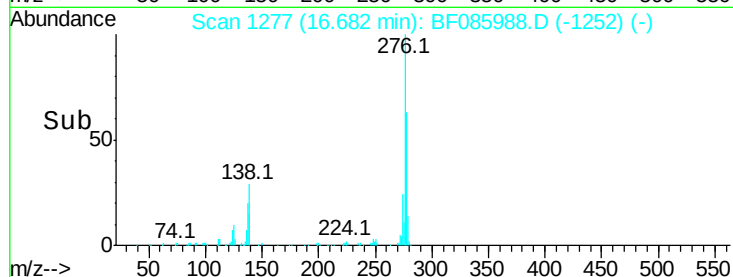
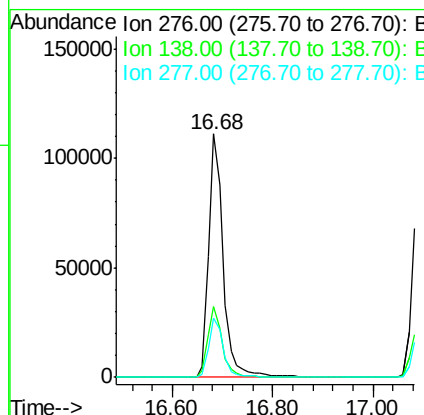
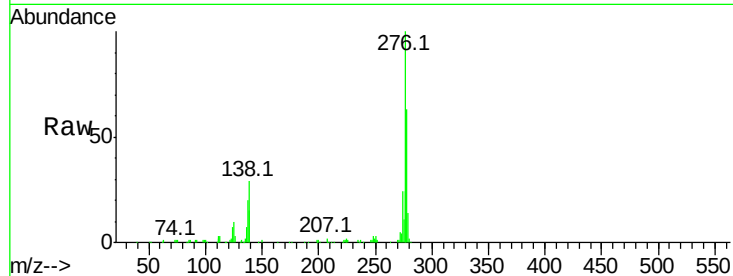
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 14.29 ng
 RT: 16.68 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
276	100	223996		
138	28.7		24.2	36.4
277	24.4		20.0	30.0

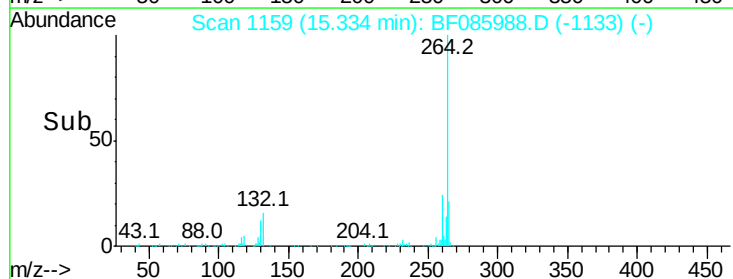
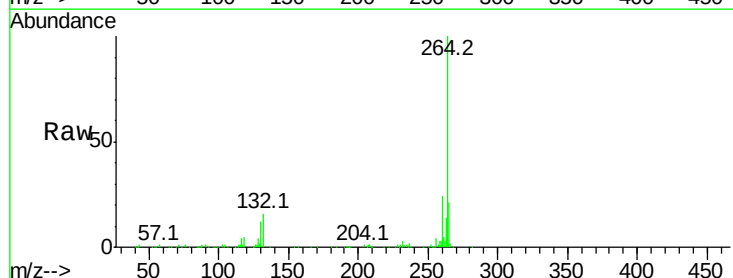
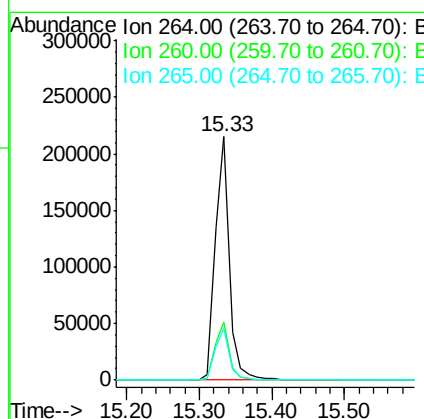
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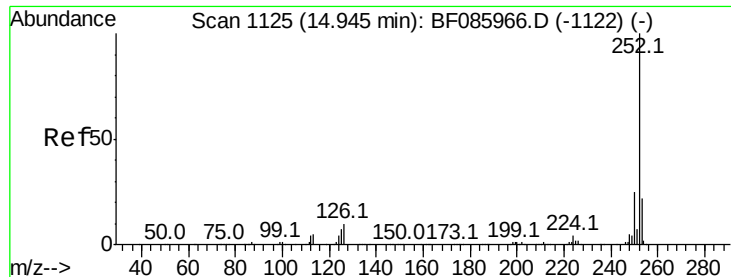
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	288478		
260	24.1		19.4	29.2
265	21.0		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 14.08 ng m

RT: 14.93 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

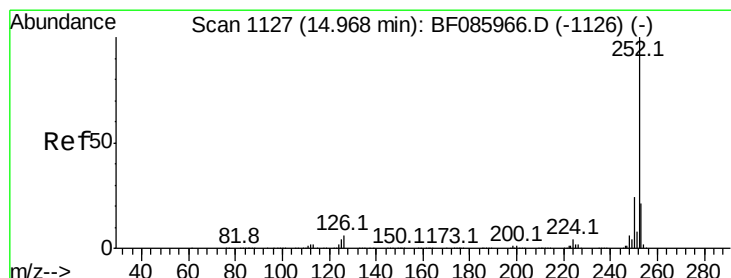
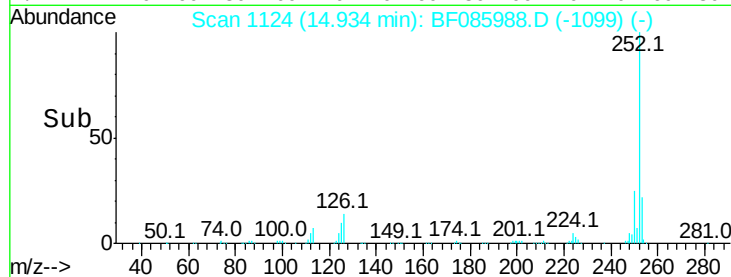
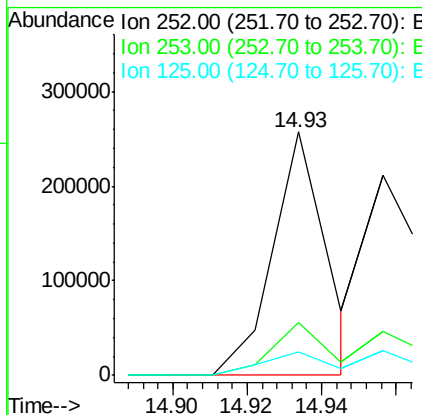
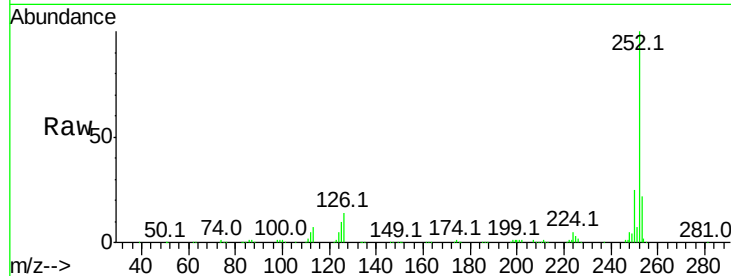
ClientSampleId :

LOQ-WATER2016-02

Tot Ion	Ratio	Resp	Lower	Upper
252	100	255593		
253	21.8	17.6	26.4	
125	9.8	10.3	15.5#	

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#88

Benzo(k)fluoranthene

Concen: 16.00 ng m

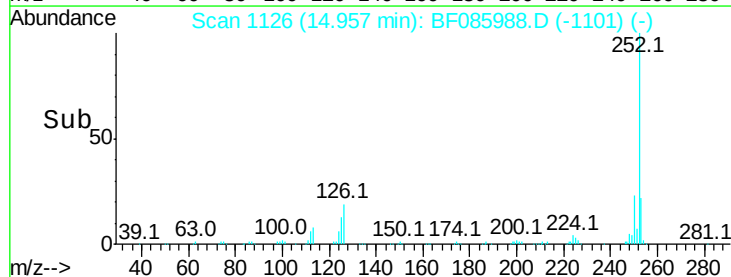
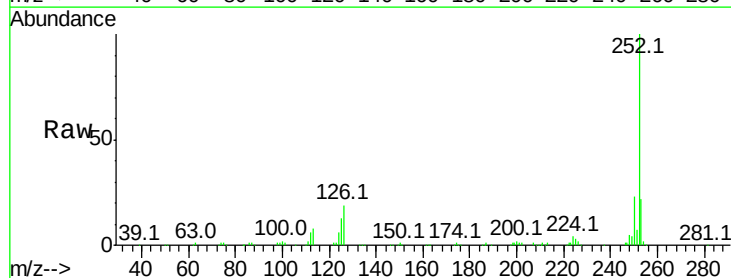
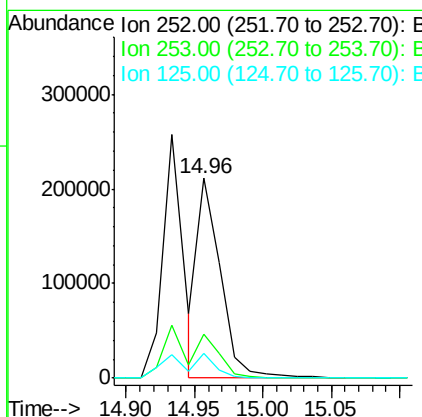
RT: 14.96 min Scan# 1126

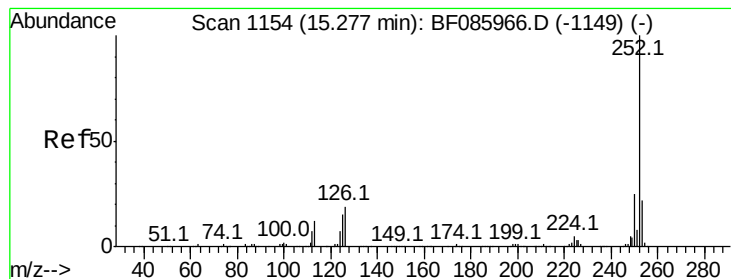
Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	257164		
253	21.8	17.8	26.6	
125	12.7	7.7	11.5#	





#89

Benzo(a)pyrene

Concen: 15.20 ng

RT: 15.28 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Instrument :

BNA_F

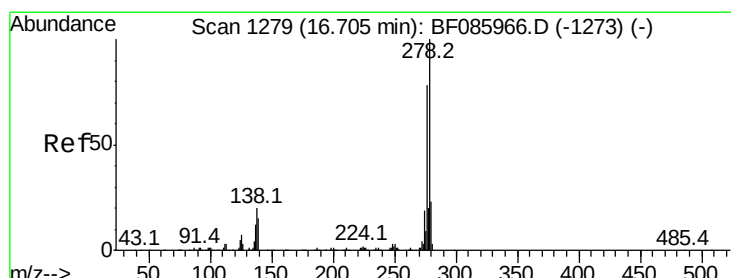
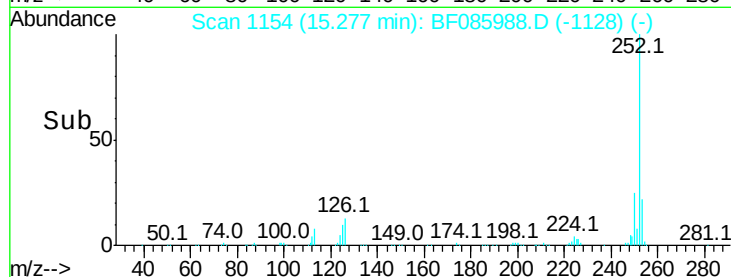
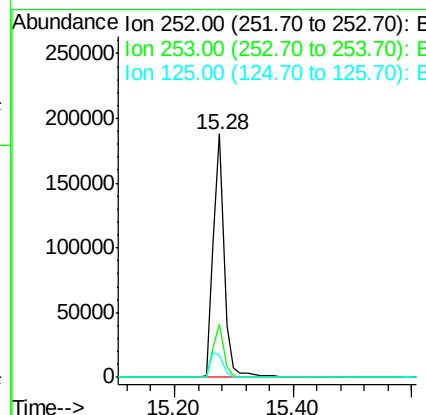
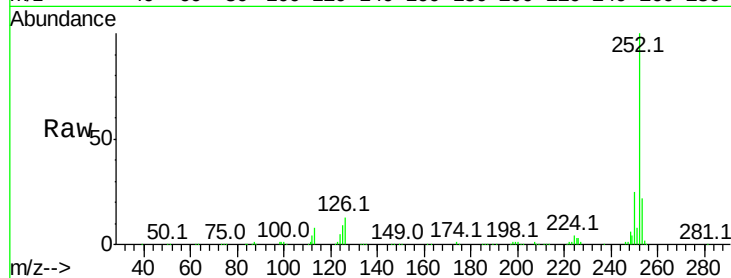
ClientSampleId :

LOQ-WATER2016-02

Tot Ion:	252	Resp:	244455
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.4	26.0
125	9.3	10.3	15.5#

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#90

Dibenzo(a,h)anthracene

Concen: 14.31 ng

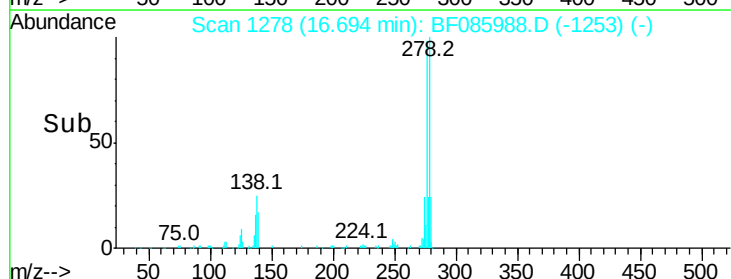
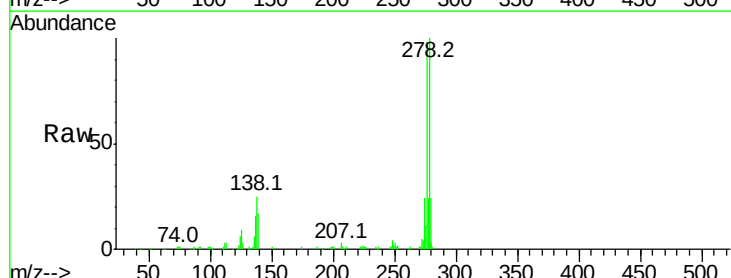
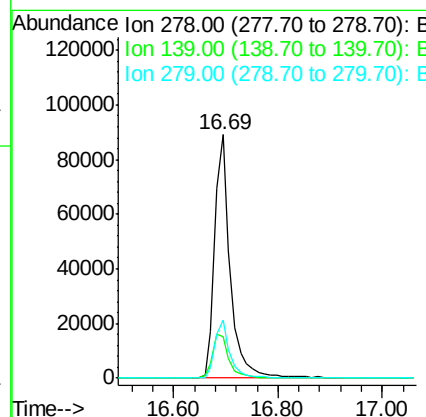
RT: 16.69 min Scan# 1278

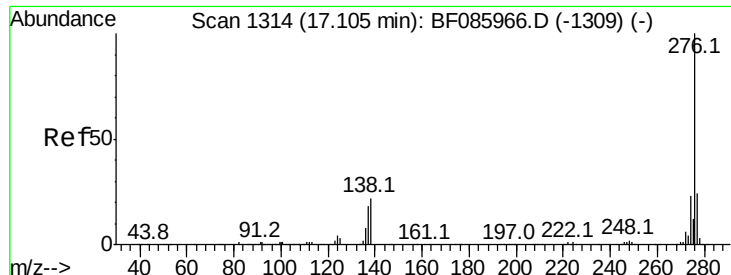
Delta R.T. -0.01 min

Lab File: BF085988.D

Acq: 2 Apr 2016 4:02

Tgt Ion:	278	Resp:	185058
Ion Ratio	Lower	Upper	
278	100		
139	17.1	14.4	21.6
279	23.9	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 14.31 ng
 RT: 17.09 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF085988.D
 Acq: 2 Apr 2016 4:02

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion:	276	Resp:	179143
Ion Ratio		Lower	Upper
276	100		
277	24.0	18.8	28.2
138	23.4	22.6	34.0

Manual Integrations
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