Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089804.D
Acq On : 19 Aug 2016 19:07
Operator : UM/SJ
Sample : H4478-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWER-DISCHARGE-39ST-081516

Quant Time: Aug 22 01:17:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	533503	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	1937081	20.00	ng		-0.01
38) Acenaphthene-d10	9.71	164	967172	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	1654856	20.00	ng		0.00
75) Chrysene-d12	13.82	240	1192267	20.00	ng		-0.06
86) Perylene-d12	15.22	264	930113	20.00	ng		-0.15
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1119463	35.98	ng		0.00
7) Phenol-d6	6.31	99	846929	22.18	ng		-0.01
23) Nitrobenzene-d5	7.24	82	2604277	83.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.50	330	727850	79.19	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	4673776	84.93	ng		0.00
78) Terphenyl-d14	12.78	244	3989975	75.71	ng		-0.01
Target Compounds							Qvalue
3) Pyridine	2.90	79	231	0.01	ng	#	1
4) n-Nitrosodimethylamine	2.84	42	646	0.04	ng	#	1
6) Aniline	6.34	93	2345	0.05	ng	#	68
8) 2-Chlorophenol	6.46	128	611	0.02	ng	#	1
9) Benzaldehyde	6.44	77	46763	1.88	ng		86
10) Phenol	6.32	94	20037	0.45	ng		86
11) bis(2-Chloroethyl)ether	6.44	93	3127	0.09	ng	#	1
12) 1,3-Dichlorobenzene	6.84	146	233	0.01	ng	#	1
13) 1,4-Dichlorobenzene	6.84	146	233	0.01	ng	#	1
14) 1,2-Dichlorobenzene	6.84	146	233	0.01	ng	#	1
15) Benzyl Alcohol	6.83	79	43557	1.72	ng	#	49
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1314	0.03	ng		69
17) 2-Methylphenol	7.04	107	215	0.01	ng	#	1
19) n-Nitroso-di-n-propylamine	7.24	70	340401	13.94	ng	#	76
20) 3+4-Methylphenols	7.10	107	398	0.01	ng	#	1
22) Acetophenone	7.10	105	3183	0.07	ng	#	96
24) Nitrobenzene	7.24	77	8089	0.23	ng	#	39
25) Isophorone	7.24	82	2274552	36.17	ng	#	67
27) 2,4-Dimethylphenol	7.67	122	12273	0.39	ng	#	6
28) bis(2-Chloroethoxy)methane	7.92	93	401	0.01	ng	#	15
31) Naphthalene	7.99	128	2242	0.02	ng	#	67
32) Benzoic acid	7.67	122	12273	0.50	ng		93
35) Caprolactam	8.35	113	621	0.08	ng	#	1
36) 4-Chloro-3-methylphenol	8.54	107	1197	0.04	ng	#	16
45) 1,1'-Biphenyl	9.05	154	9909	0.13	ng	#	1
46) 2-Chloronaphthalene	9.12	162	221	0.00	ng	#	1
47) 2-Nitroaniline	9.18	65	339	0.02	ng	#	5
48) Acenaphthylene	9.58	152	239	0.00	ng	#	59
49) Dimethylphthalate	9.44	163	348139	5.11	ng		99
50) 2,6-Dinitrotoluene	9.71	165	127883	8.13	ng	#	27
51) Acenaphthene	9.71	154	4679	0.08	ng	#	9
54) Dibenzofuran	9.92	168	696	0.01	ng	#	36
55) 4-Nitrophenol	9.70	139	741	0.05	ng		87
56) 2,4-Dinitrotoluene	9.71	165	127892	6.27	ng	#	35

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089804.D
Acq On : 19 Aug 2016 19:07
Operator : UM/SJ
Sample : H4478-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWER-DISCHARGE-39ST-081516

Quant Time: Aug 22 01:17:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) Fluorene	10.34	166	1001	0.02	ng	#	8
59) Diethylphthalate	10.14	149	16290	0.24	ng		95
61) 4-Nitroaniline	10.34	138	297	0.02	ng	#	1
62) Azobenzene	10.42	77	1387	0.02	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.49	198	1623	0.17	ng	#	1
65) n-Nitrosodiphenylamine	10.49	169	21617	0.42	ng	#	45
66) 4-Bromophenyl-phenylether	10.49	248	40339	2.32	ng	#	1
68) Atrazine	10.90	200	1852	0.12	ng		77
69) Pentachlorophenol	10.99	266	315	0.03	ng	#	17
70) Phenanthrene	11.21	178	3051	0.04	ng	#	89
71) Anthracene	11.26	178	3340	0.04	ng	#	86
72) Carbazole	11.42	167	1066	0.01	ng	#	48
73) Di-n-butylphthalate	11.77	149	50567	0.53	ng	#	96
74) Fluoranthene	12.39	202	2807	0.04	ng		71
77) Pyrene	12.62	202	5451	0.06	ng	#	88
79) Butylbenzylphthalate	13.26	149	1818	0.04	ng	#	60
80) Benzo(a)anthracene	13.82	228	5920	0.09	ng	#	78
82) Chrysene	13.82	228	5920	0.10	ng	#	76
83) Bis(2-ethylhexyl)phthalate	13.84	149	13248	0.22	ng	#	97
84) Di-n-octyl phthalate	14.50	149	3117	0.04	ng	#	60
87) Benzo(b)fluoranthene	14.86	252	1319	0.03	ng	#	1
88) Benzo(k)fluoranthene	14.86	252	1319	0.03	ng	#	1
89) Benzo(a)pyrene	15.18	252	1230	0.03	ng	#	1
91) Benzo(g,h,i)perylene	16.87	276	227	0.00	ng	#	49

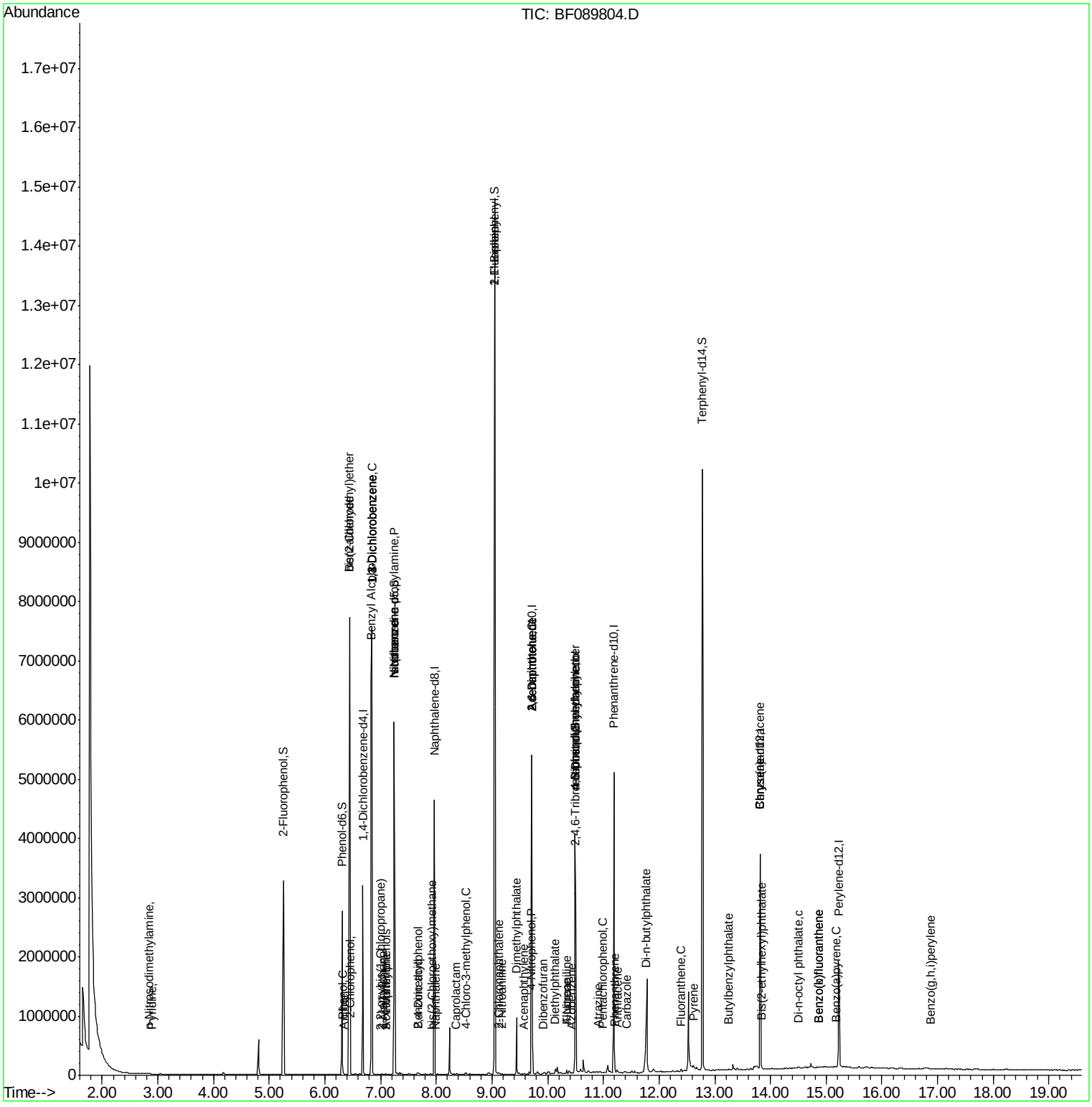
(#) = qualifier out of range (m) = manual integration (+) = signals summed

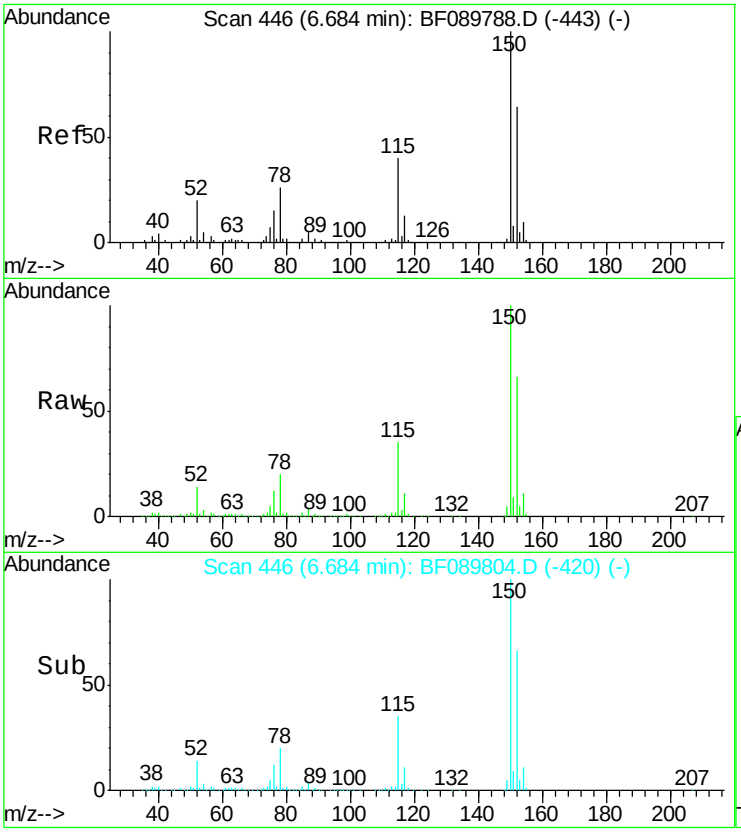
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089804.D
Acq On : 19 Aug 2016 19:07
Operator : UM/SJ
Sample : H4478-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Quant Time: Aug 22 01:17:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration



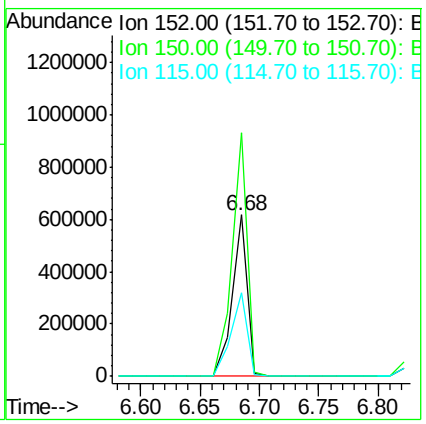


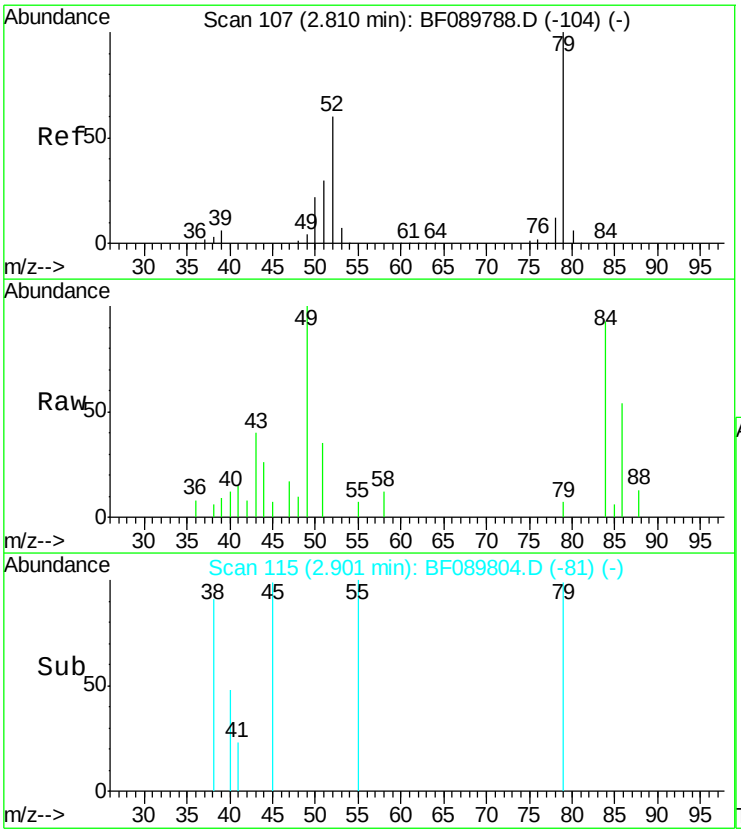
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:152 Resp: 533503

Ion	Ratio	Lower	Upper
152	100		
150	150.9	125.3	187.9
115	52.1	40.9	61.3

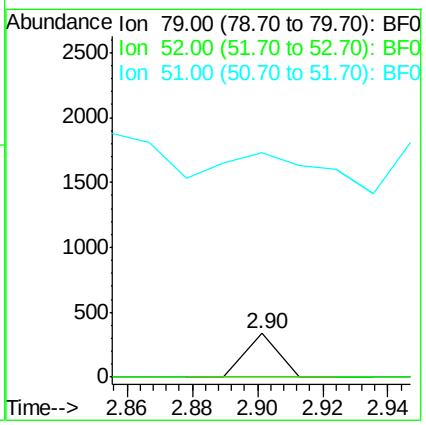


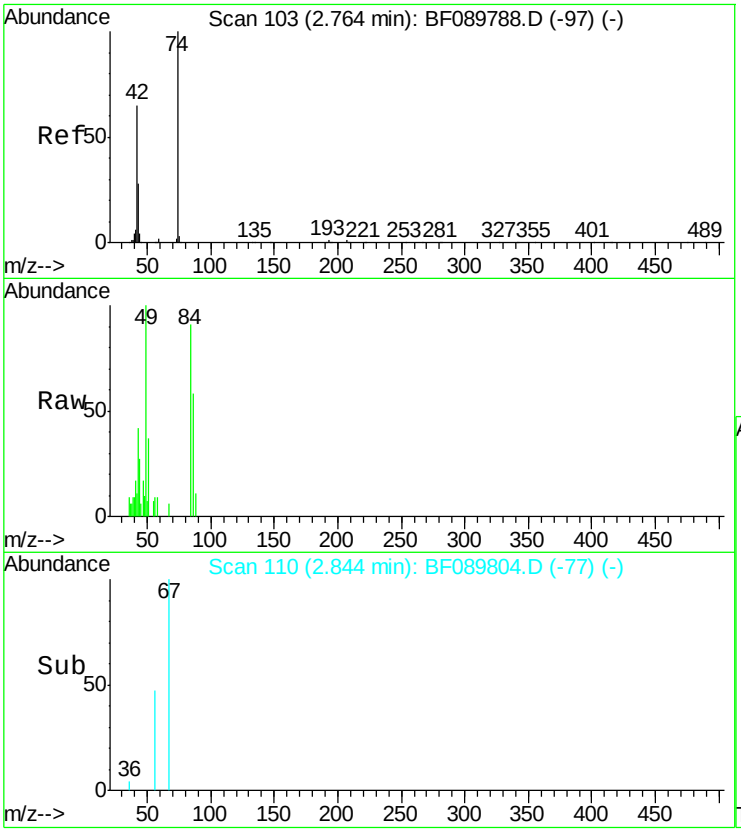


#3
Pyridine
Concen: 0.01 ng
RT: 2.90 min Scan# 115
Delta R.T. 0.09 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion: 79 Resp: 231

Ion	Ratio	Lower	Upper
79	100		
52	0.0	53.6	80.4#
51	513.6	26.6	39.8#



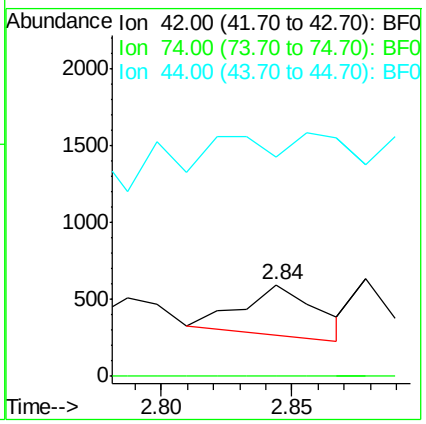


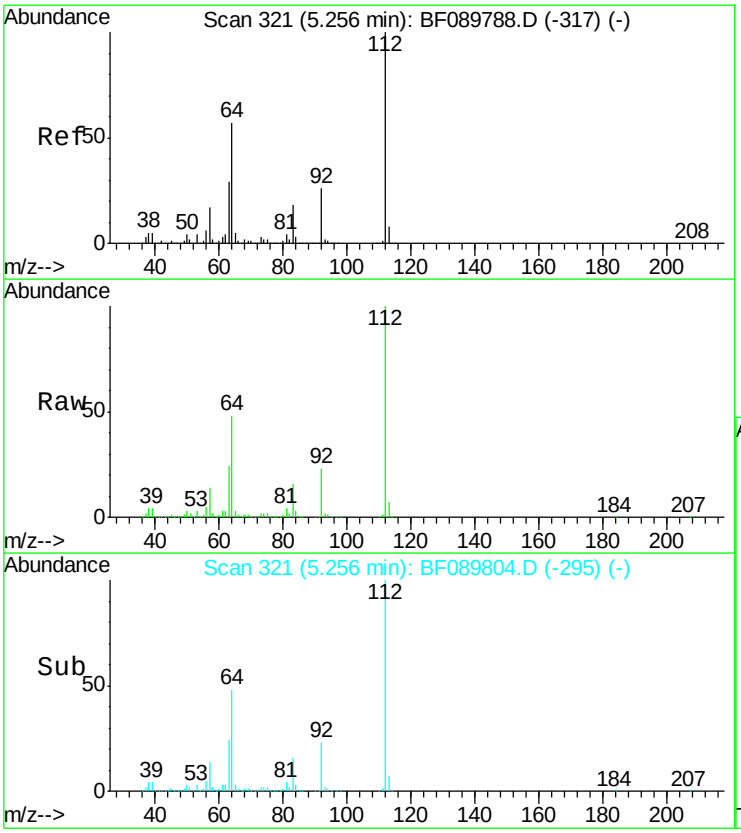
#4
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 2.84 min Scan# 110
Delta R.T. 0.08 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion: 42 Resp: 646

Ion	Ratio	Lower	Upper
42	100		
74	0.0	106.2	159.2#
44	238.9	6.9	10.3#

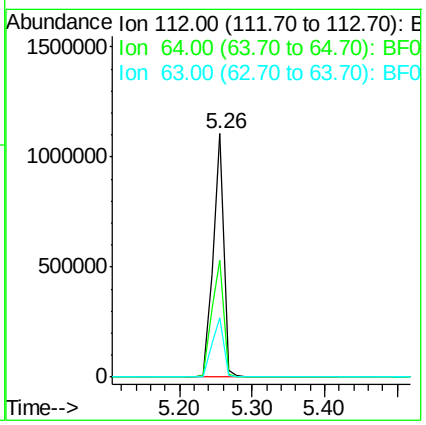


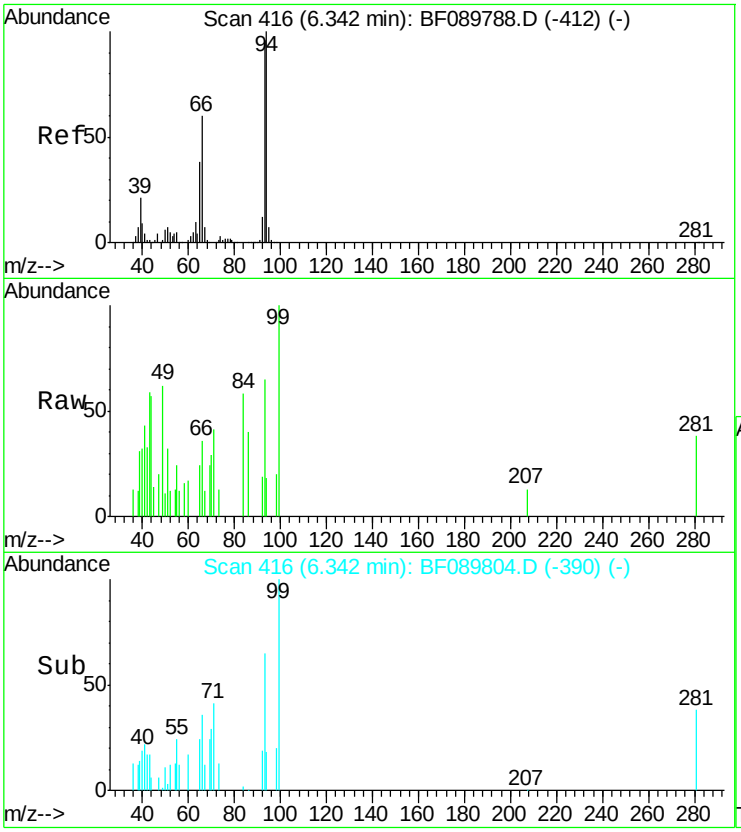


#5
2-Fluorophenol
Concen: 35.98 ng
RT: 5.26 min Scan# 321
Delta R.T. 0.00 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:112 Resp: 1119463

Ion	Ratio	Lower	Upper
112	100		
64	48.1	45.0	67.4
63	24.1	23.1	34.7



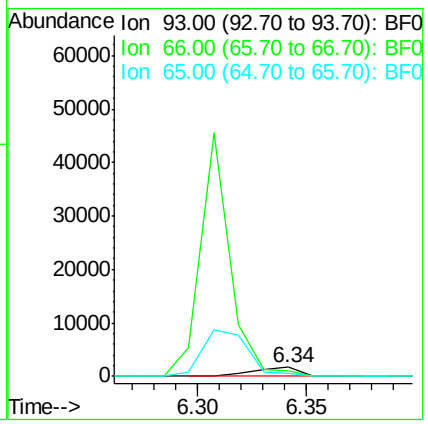


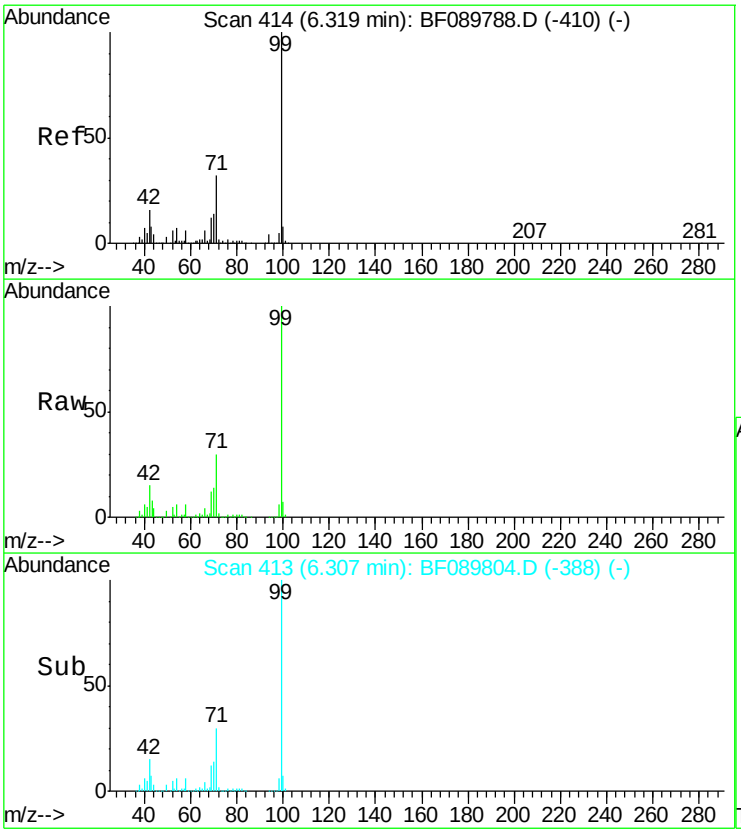
#6
Aniline
Concen: 0.05 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion: 93 Resp: 2345

Ion	Ratio	Lower	Upper
93	100		
66	55.7	30.6	46.0#
65	36.3	15.4	23.2#

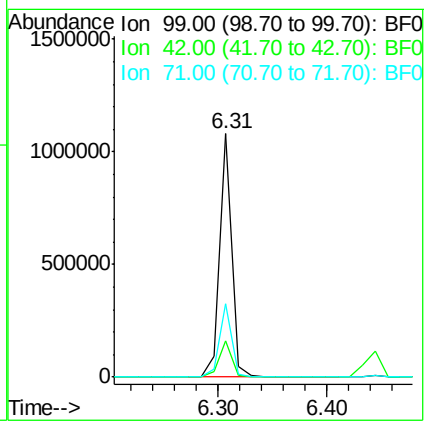


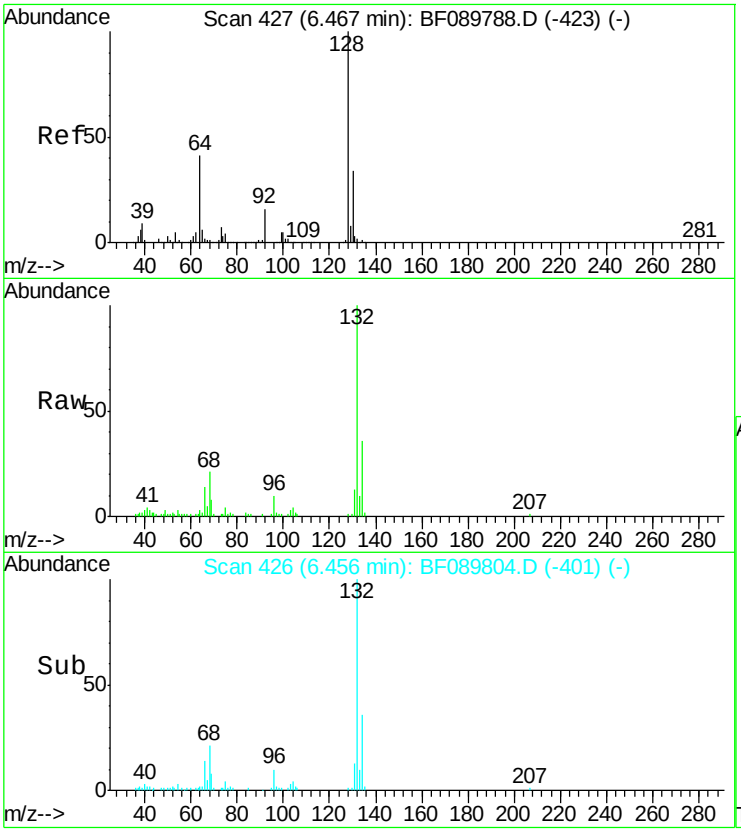


#7
Phenol-d6
Concen: 22.18 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion: 99 Resp: 846929

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.2	18.4
71	30.3	23.8	35.8



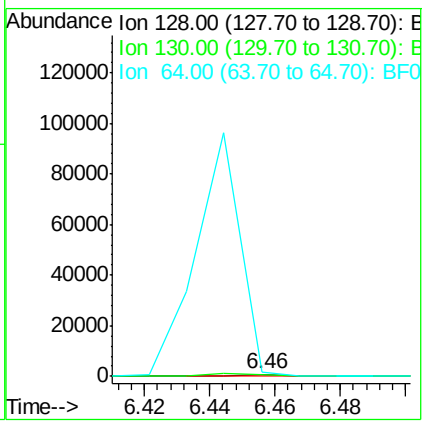


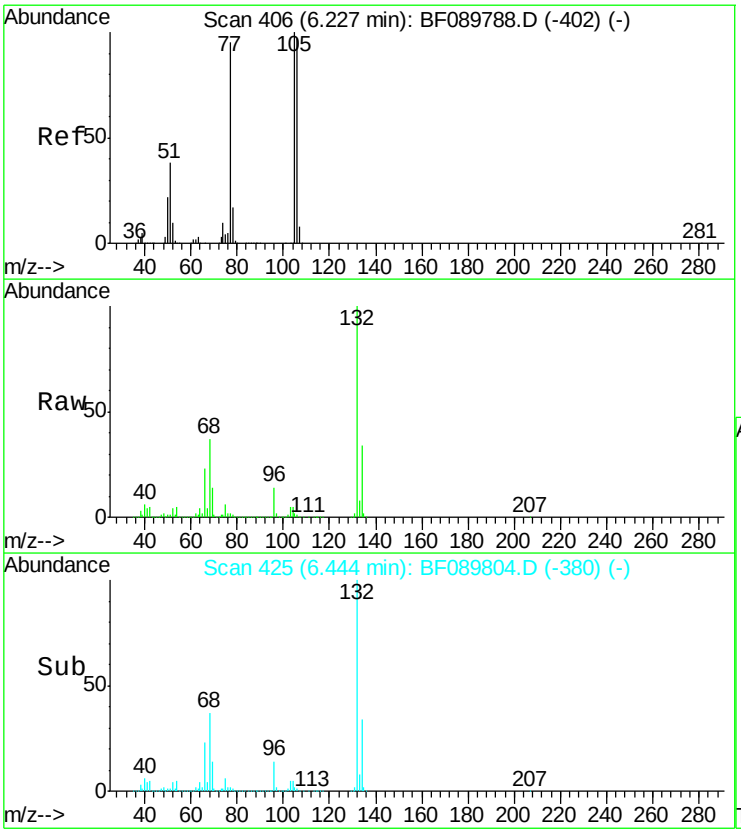
#8
2-Chlorophenol
Concen: 0.02 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:128 Resp: 611

Ion	Ratio	Lower	Upper
128	100		
130	65.9	12.0	52.0#
64	199.9	35.1	75.1#

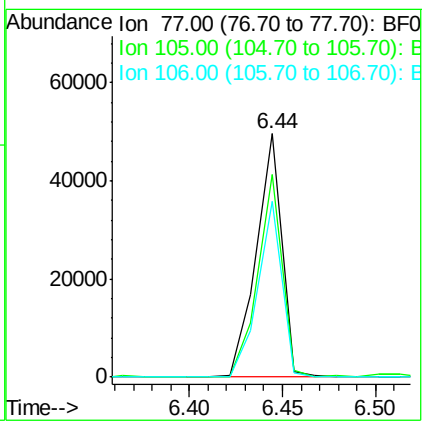


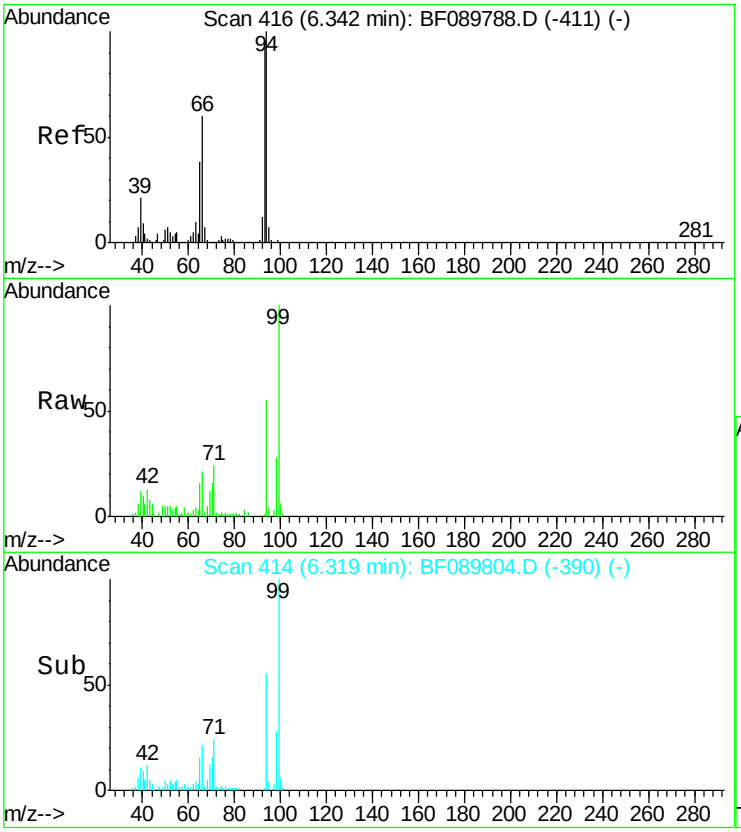


#9
Benzaldehyde
Concen: 1.88 ng
RT: 6.44 min Scan# 425
Delta R.T. 0.22 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion: 77 Resp: 46763

Ion	Ratio	Lower	Upper
77	100		
105	83.4	73.3	113.3
106	72.2	68.6	108.6



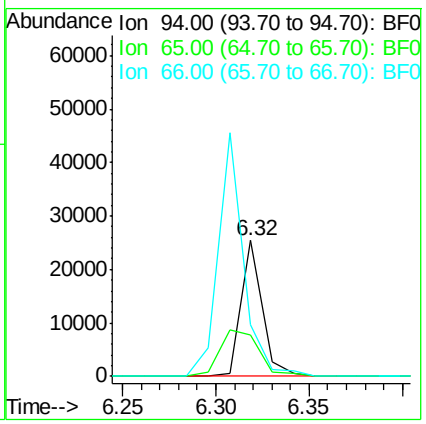


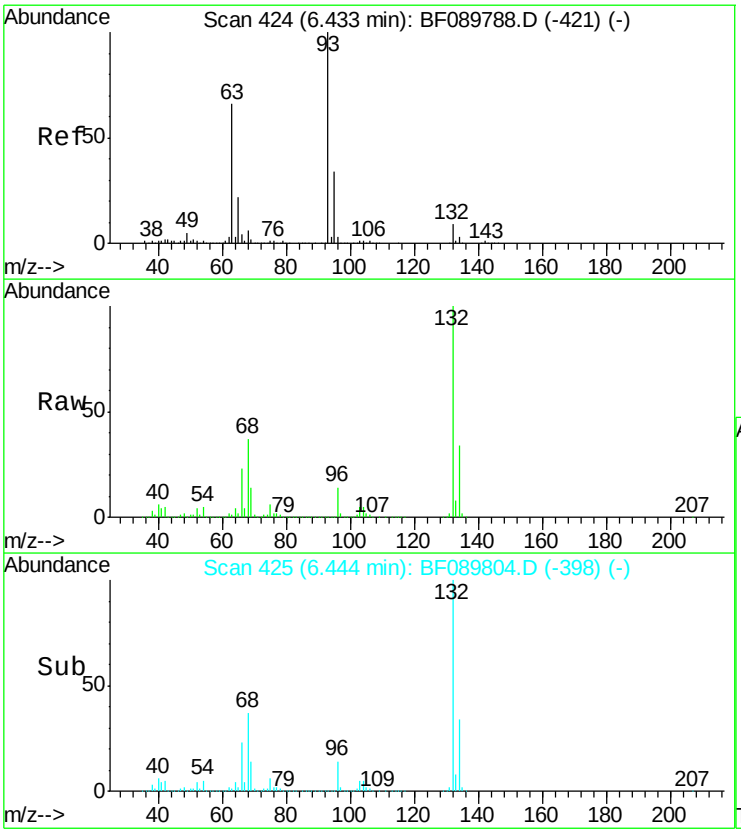
#10
Phenol
Concen: 0.45 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion: 94 Resp: 20037

Ion	Ratio	Lower	Upper
94	100		
65	30.2	14.0	54.0
66	38.4	31.2	71.2

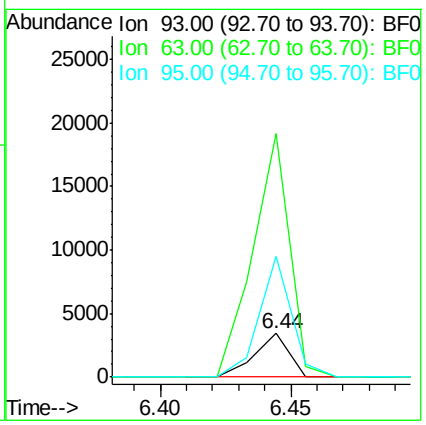


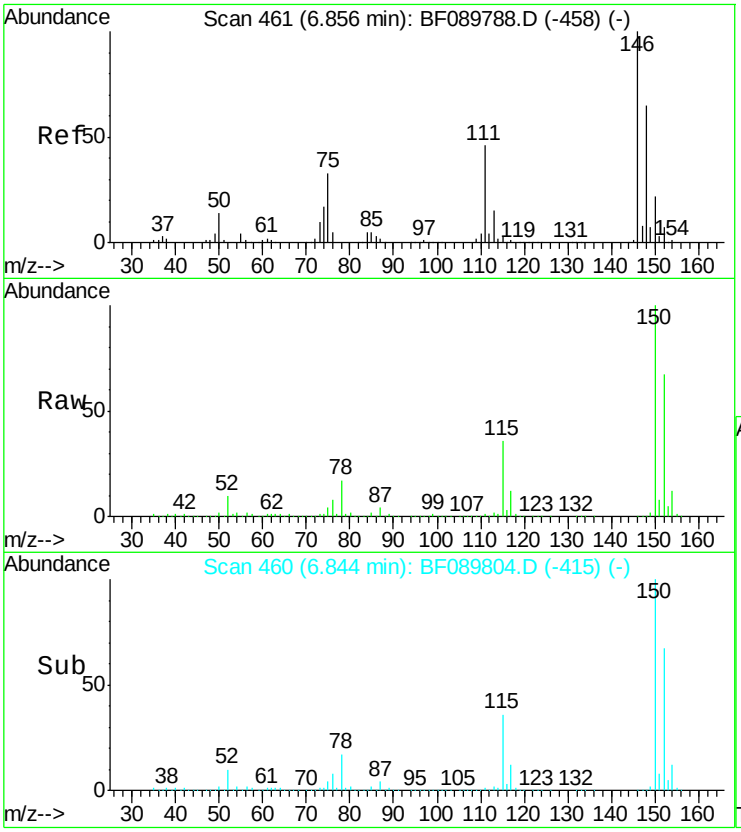


#11
bis(2-Chloroethyl)ether
Concen: 0.09 ng
RT: 6.44 min Scan# 425
Delta R.T. 0.01 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion: 93 Resp: 3127

Ion	Ratio	Lower	Upper
93	100		
63	557.5	55.8	95.8#
95	277.4	13.0	53.0#



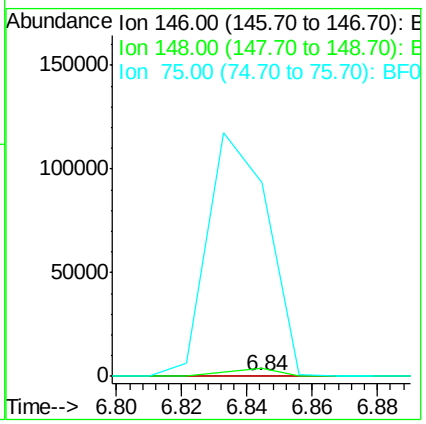


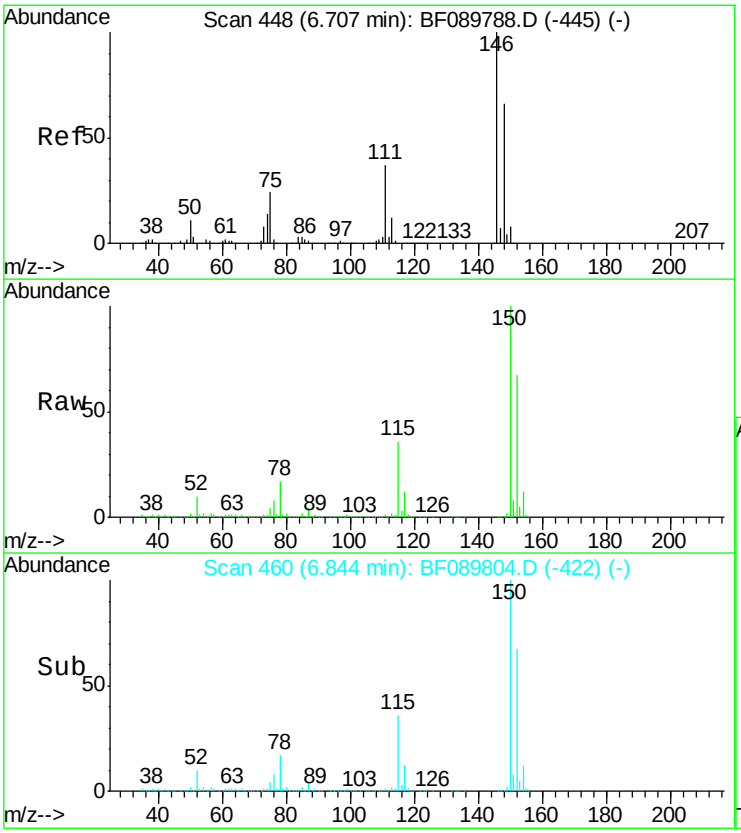
#12
1,3-Dichlorobenzene
Concen: 0.01 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.22 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:146 Resp: 233

Ion	Ratio	Lower	Upper
146	100		
148	1095.6	51.0	76.4#
75	27444.7	27.0	40.6#

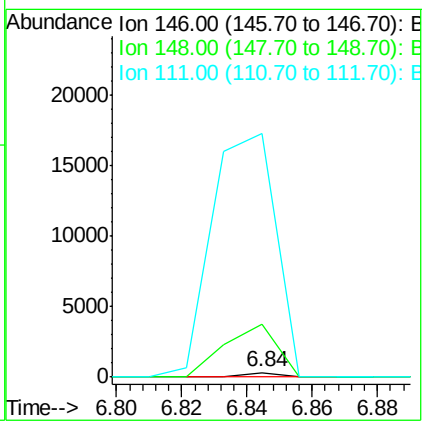


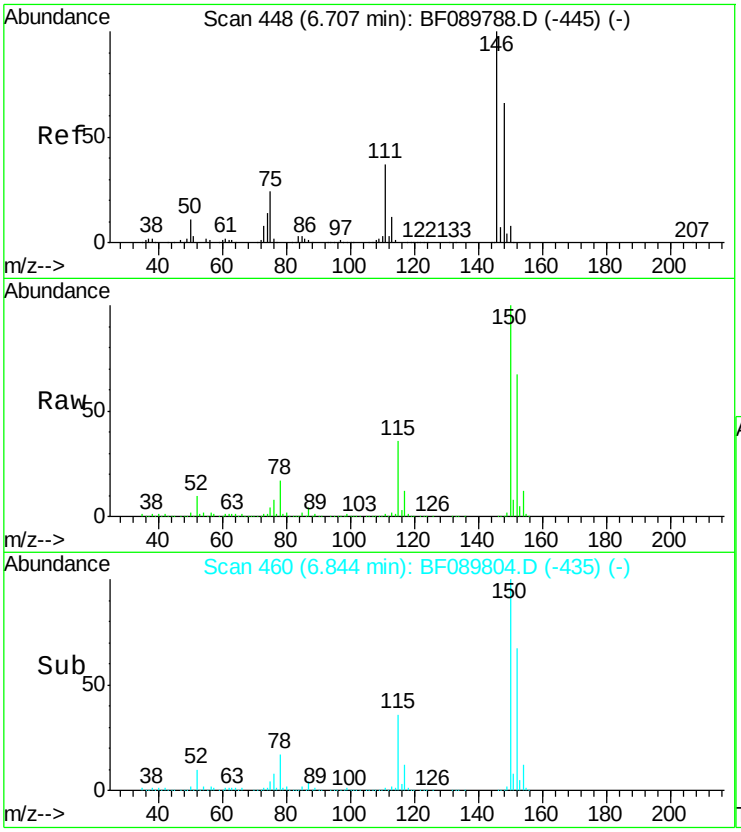


#13
1,4-Dichlorobenzene
Concen: 0.01 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.14 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:146 Resp: 233

Ion	Ratio	Lower	Upper
146	100		
148	1095.6	51.0	76.6#
111	5082.4	34.6	52.0#



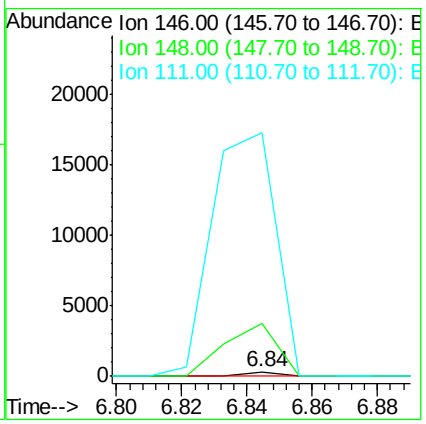


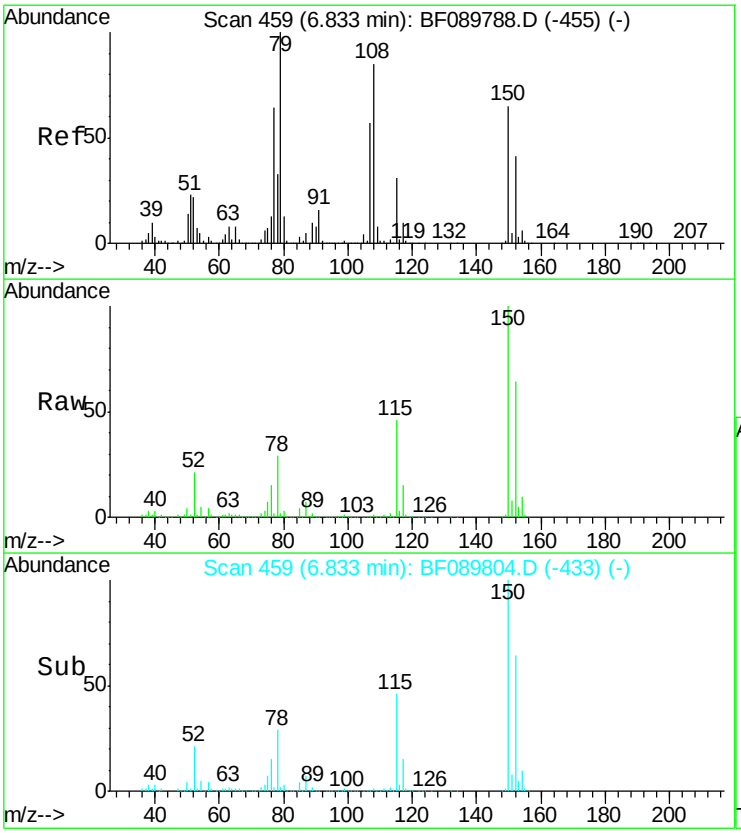
#14
1,2-Dichlorobenzene
Concen: 0.01 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:146 Resp: 233

Ion	Ratio	Lower	Upper
146	100		
148	1095.6	52.2	78.2#
111	5082.4	29.8	44.6#

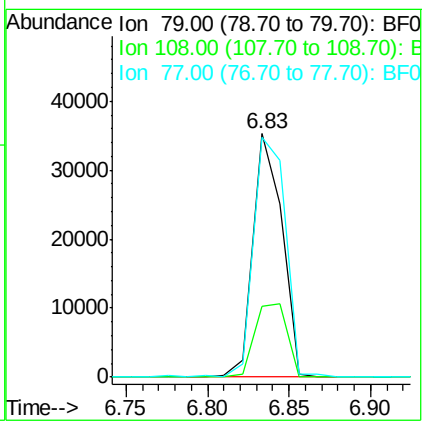


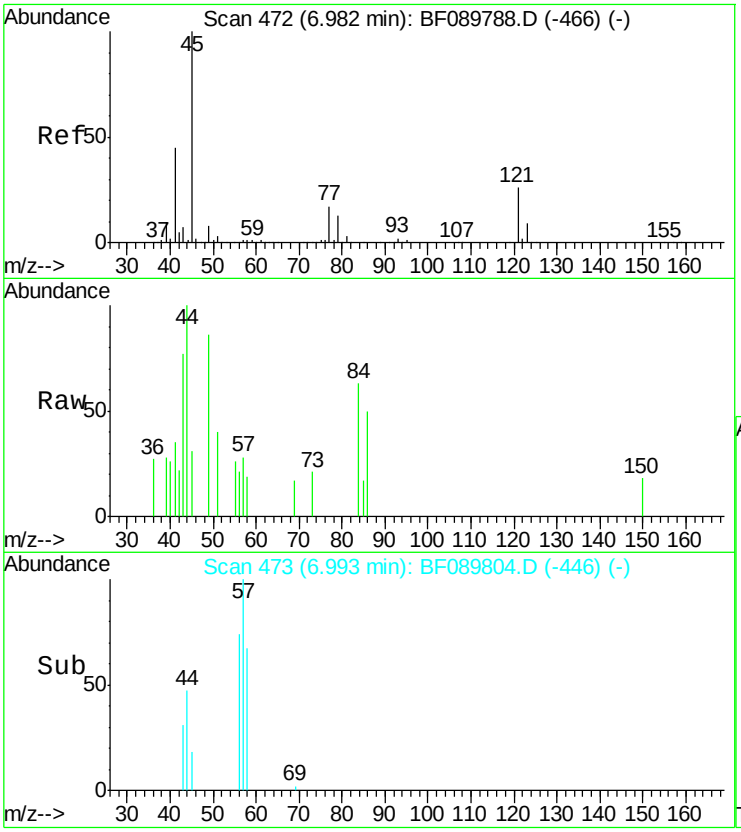


#15
Benzyl Alcohol
Concen: 1.72 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion: 79 Resp: 43557

Ion	Ratio	Lower	Upper
79	100		
108	29.0	62.5	93.7#
77	98.7	51.5	77.3#



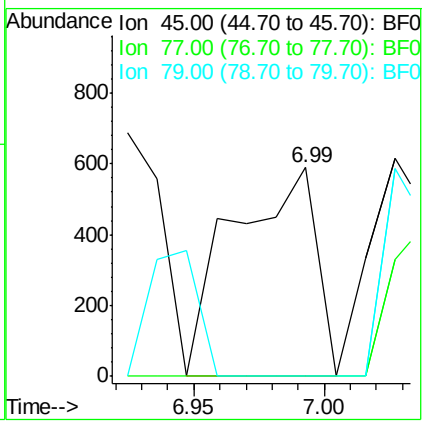


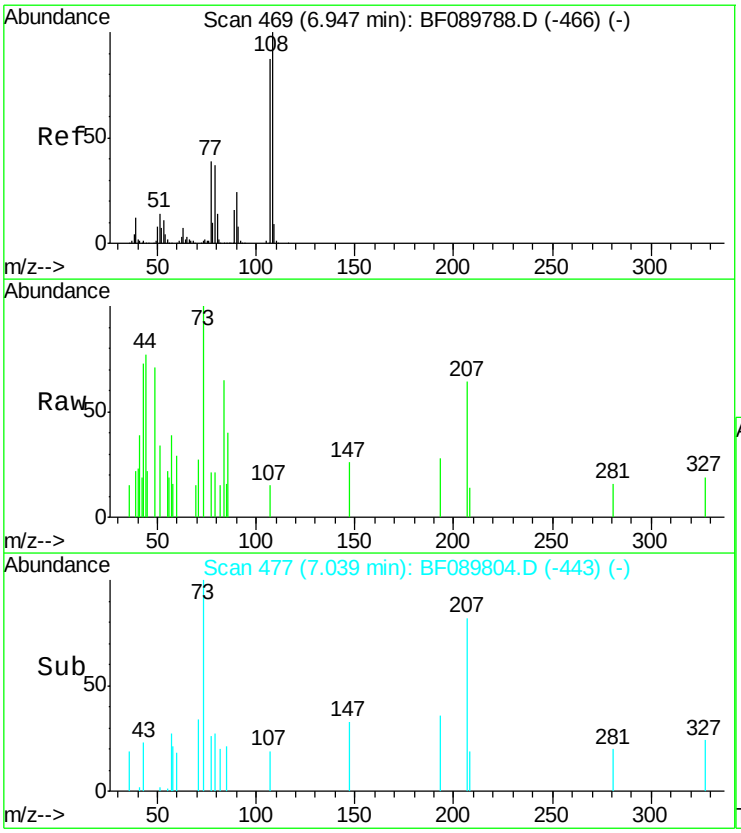
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.03 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.01 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion: 45 Resp: 1314

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	33.5
79	0.0	0.0	30.7

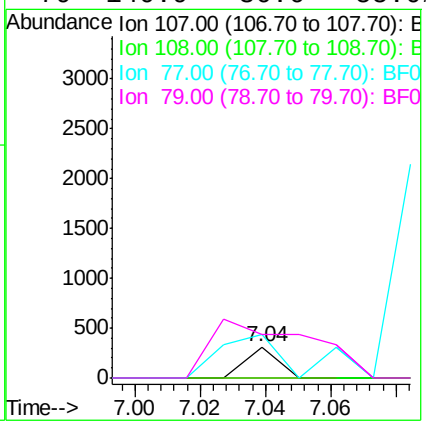


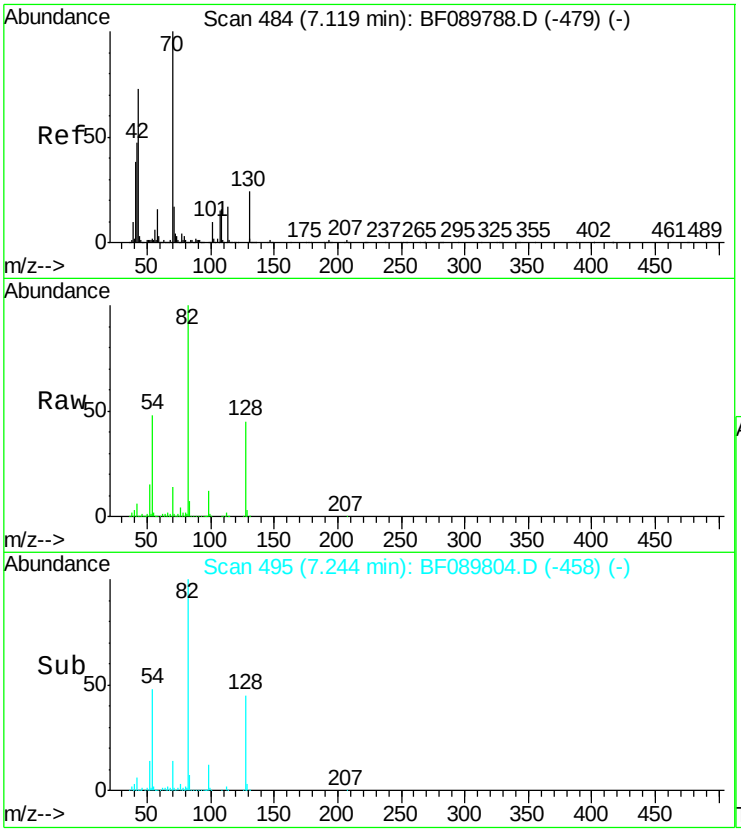


#17
2-Methylphenol
Concen: 0.01 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.09 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:107 Resp: 215

Ion	Ratio	Lower	Upper
107	100		
108	0.0	91.0	136.4#
77	138.7	37.4	56.0#
79	140.9	36.6	55.0#



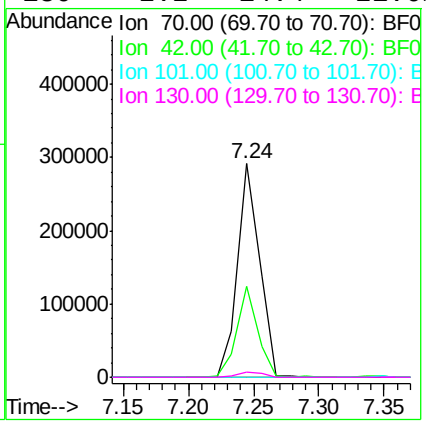


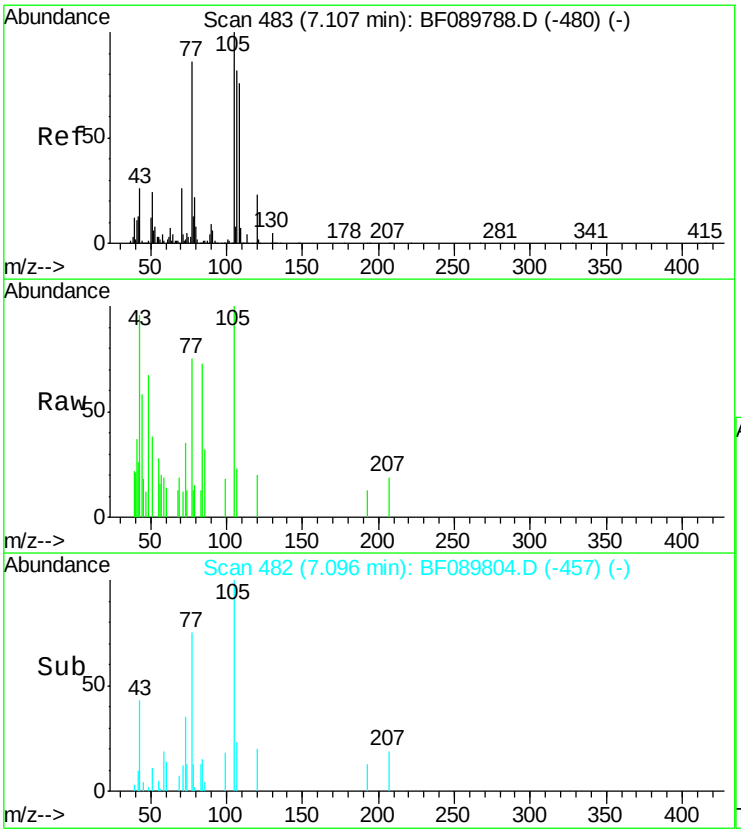
#19
n-Nitroso-di-n-propylamine
Concen: 13.94 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.13 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion: 70 Resp: 340401

Ion	Ratio	Lower	Upper
70	100		
42	42.3	46.3	69.5#
101	0.0	7.0	10.6#
130	2.2	14.4	21.6#

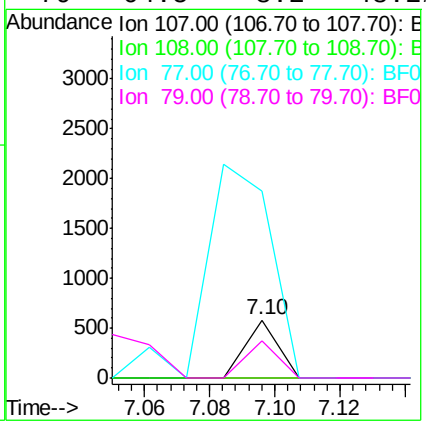


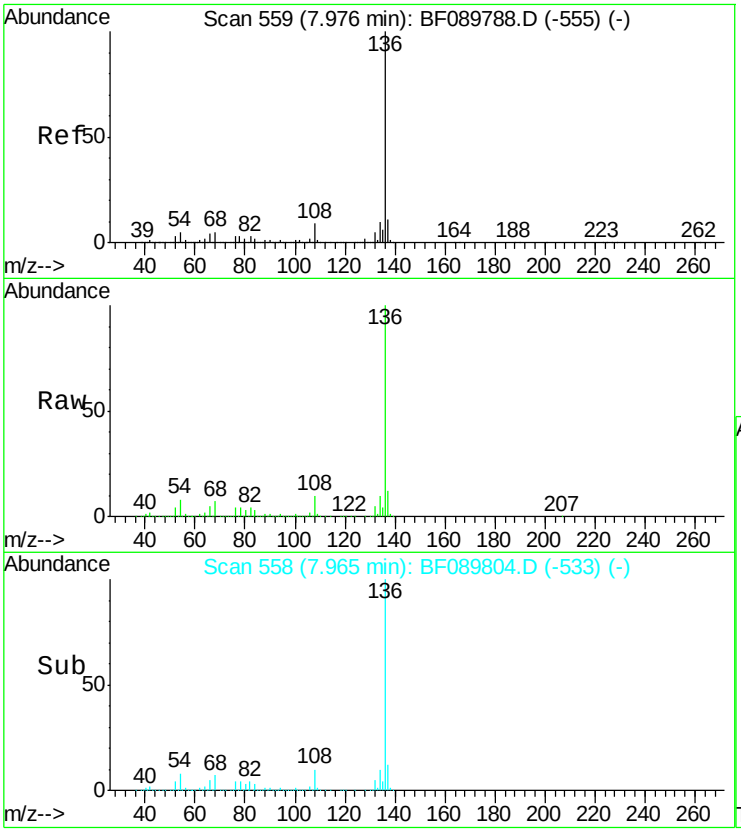


#20
3+4-Methylphenols
Concen: 0.01 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:107 Resp: 398

Ion	Ratio	Lower	Upper
107	100		
108	0.0	68.2	108.2#
77	322.0	122.3	162.3#
79	64.5	8.2	48.2#



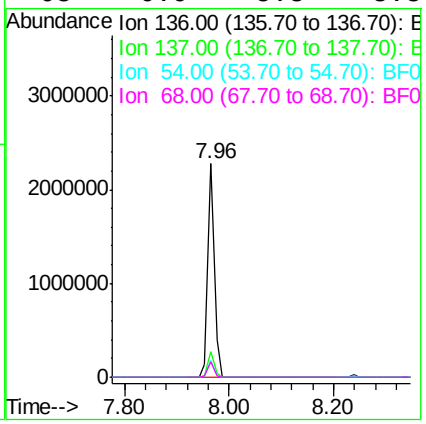


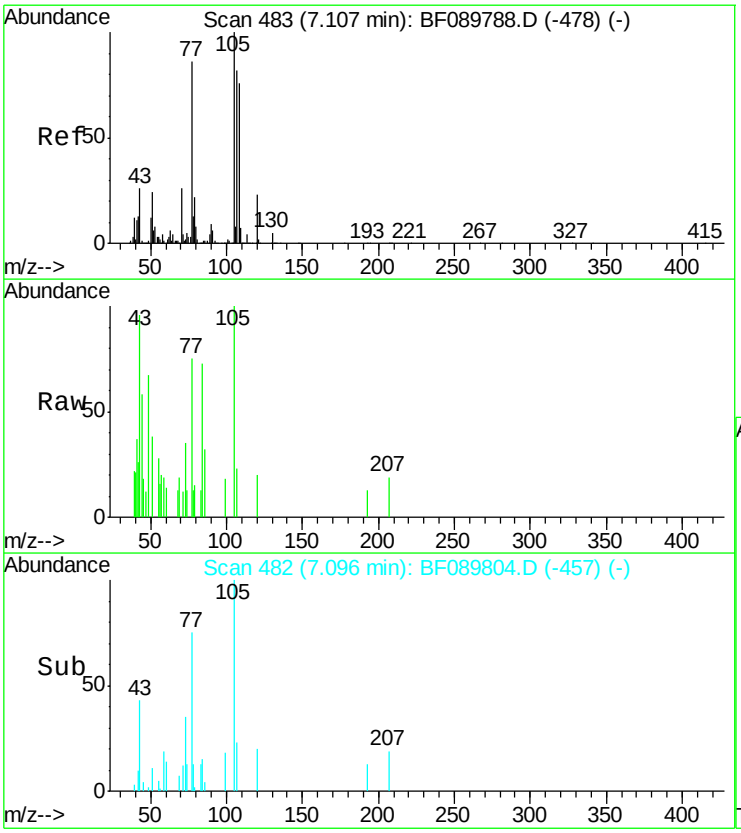
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:136 Resp: 1937081

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	7.8	7.2	10.8
68	6.9	5.8	8.8

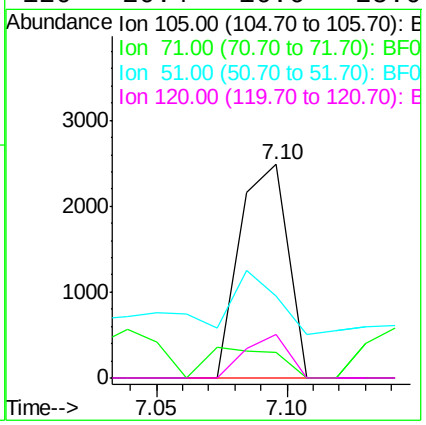


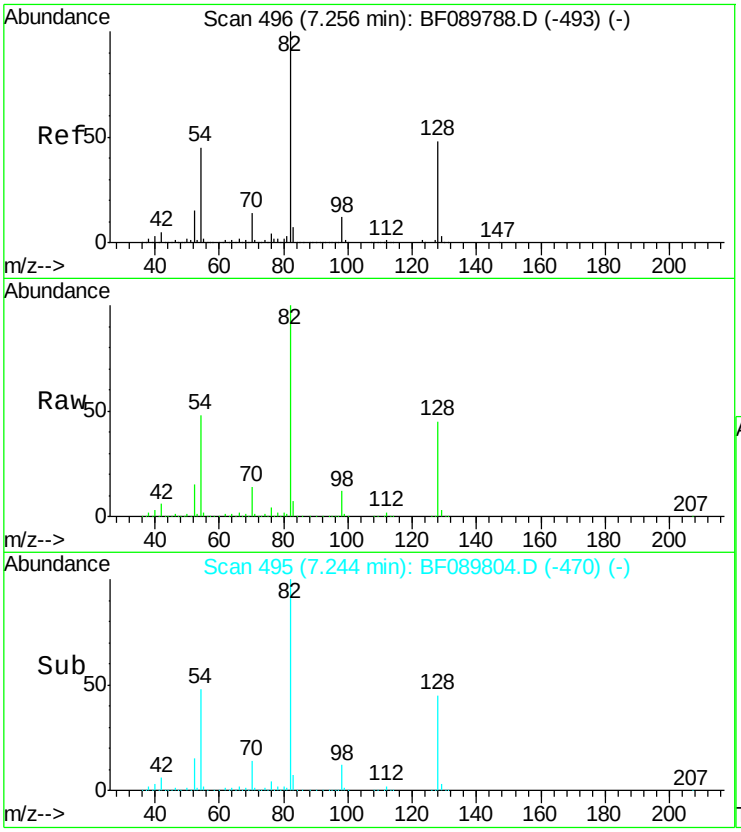


#22
Acetophenone
Concen: 0.07 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:105 Resp: 3183

Ion	Ratio	Lower	Upper
105	100		
71	12.1	1.9	2.9#
51	38.3	28.5	42.7
120	20.4	16.6	25.0



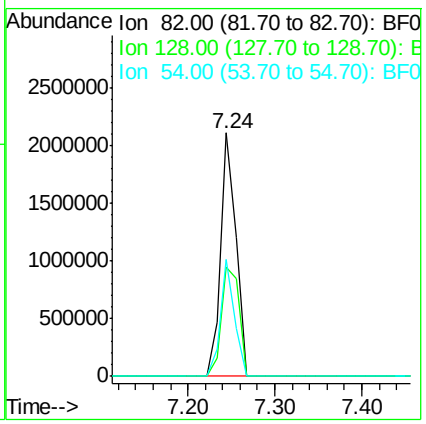


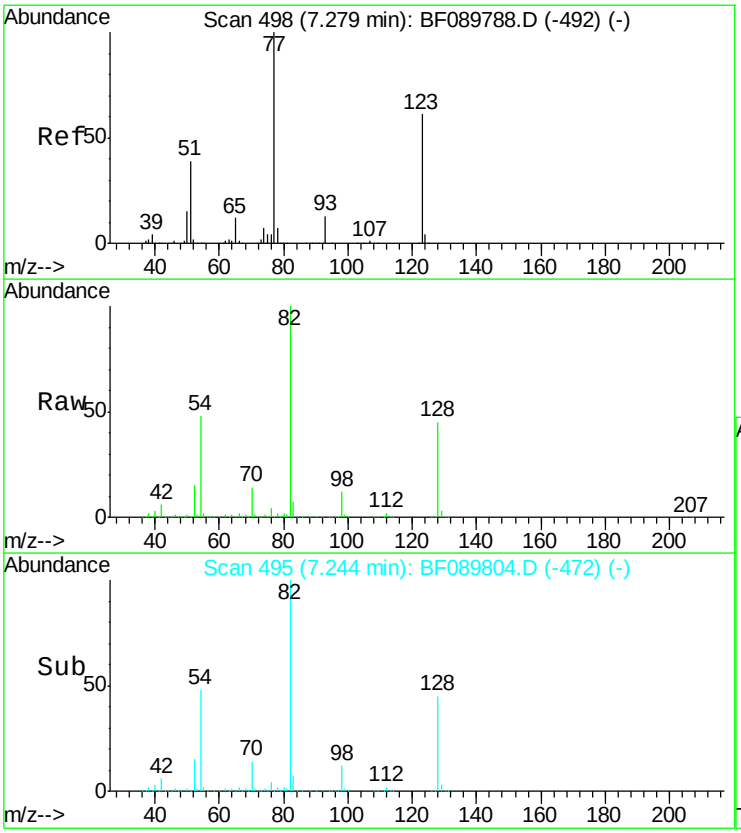
#23
Nitrobenzene-d5
Concen: 83.52 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion: 82 Resp: 2604277

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.4	51.6
54	47.8	40.3	60.5

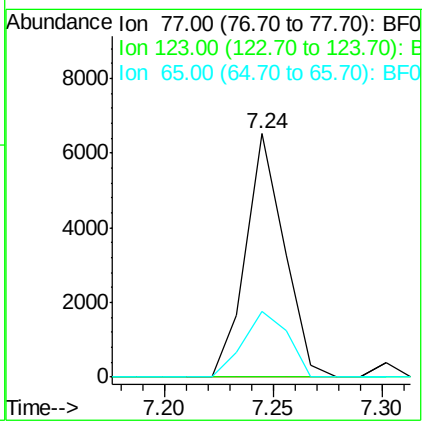


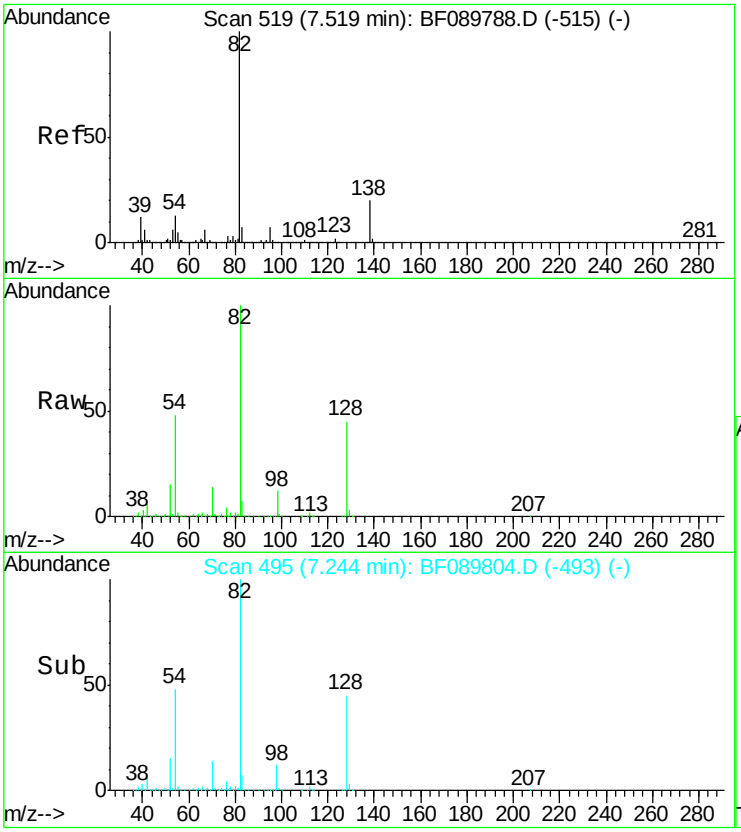


#24
Nitrobenzene
Concen: 0.23 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.03 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion: 77 Resp: 8089

Ion	Ratio	Lower	Upper
77	100		
123	0.0	36.2	54.2#
65	27.1	10.6	15.8#



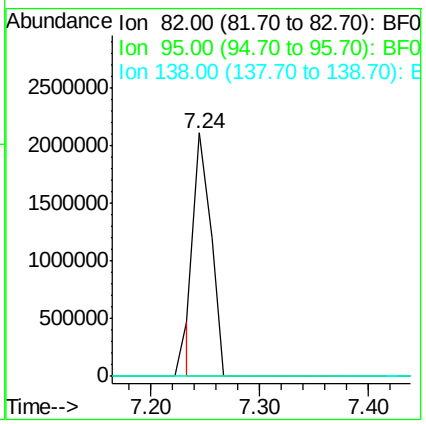


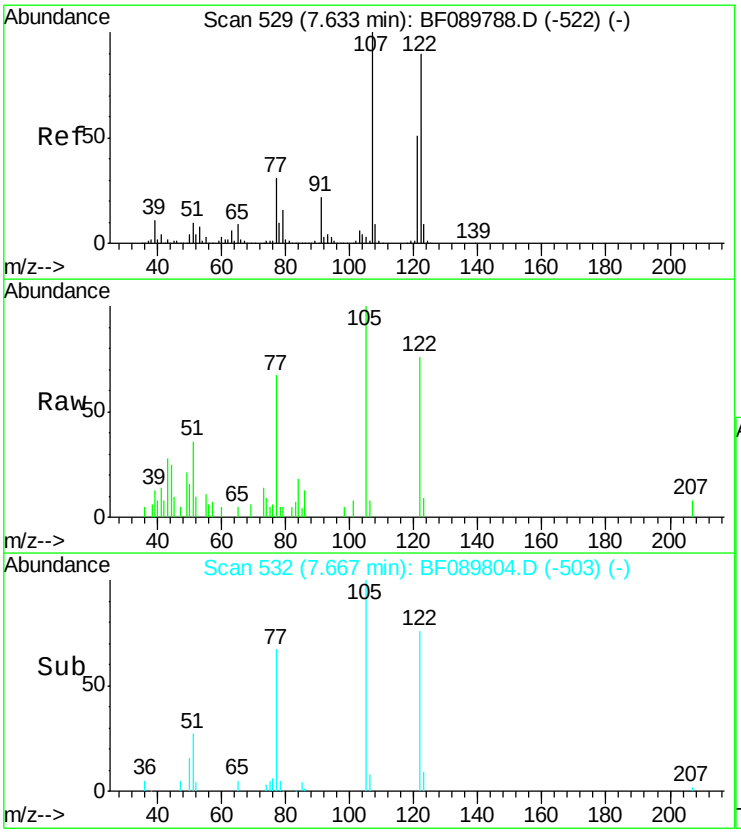
#25
Isophorone
Concen: 36.17 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.27 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion: 82 Resp: 2274552

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.0	19.4#

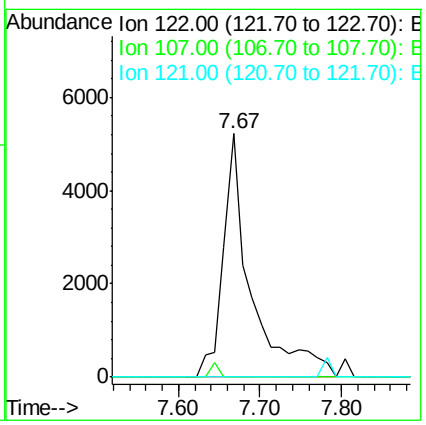


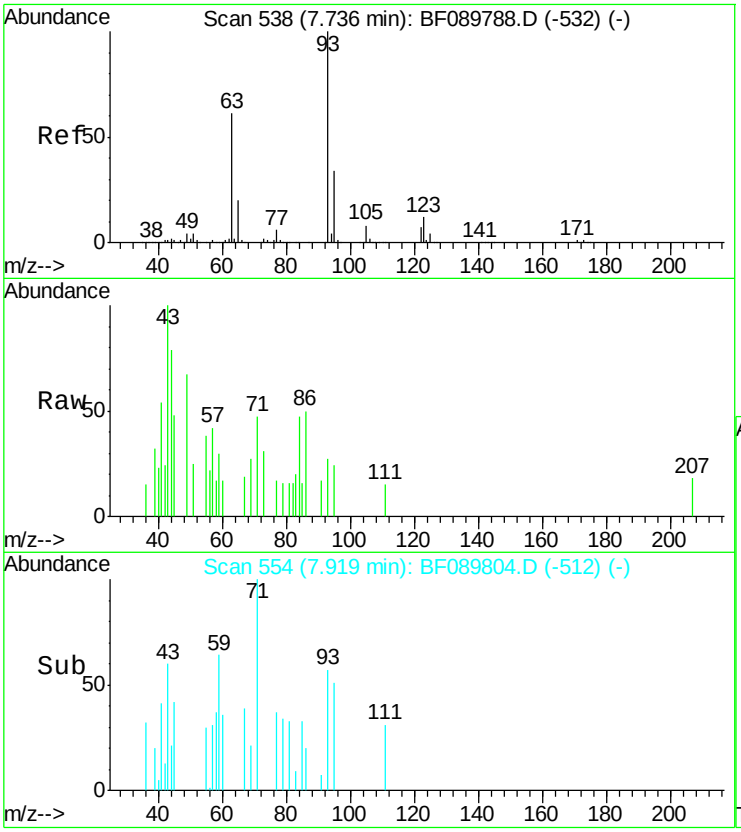


#27
2,4-Dimethylphenol
Concen: 0.39 ng
RT: 7.67 min Scan# 532
Delta R.T. 0.03 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:122 Resp: 12273

Ion	Ratio	Lower	Upper
122	100		
107	0.0	84.8	127.2#
121	0.0	47.0	70.6#



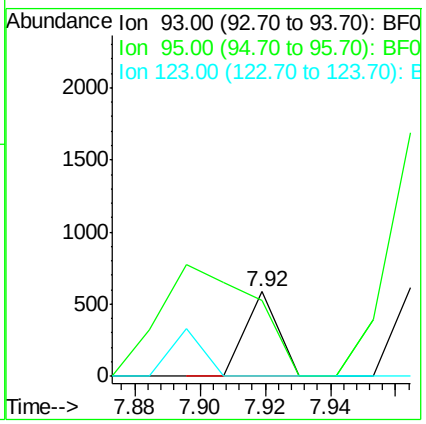


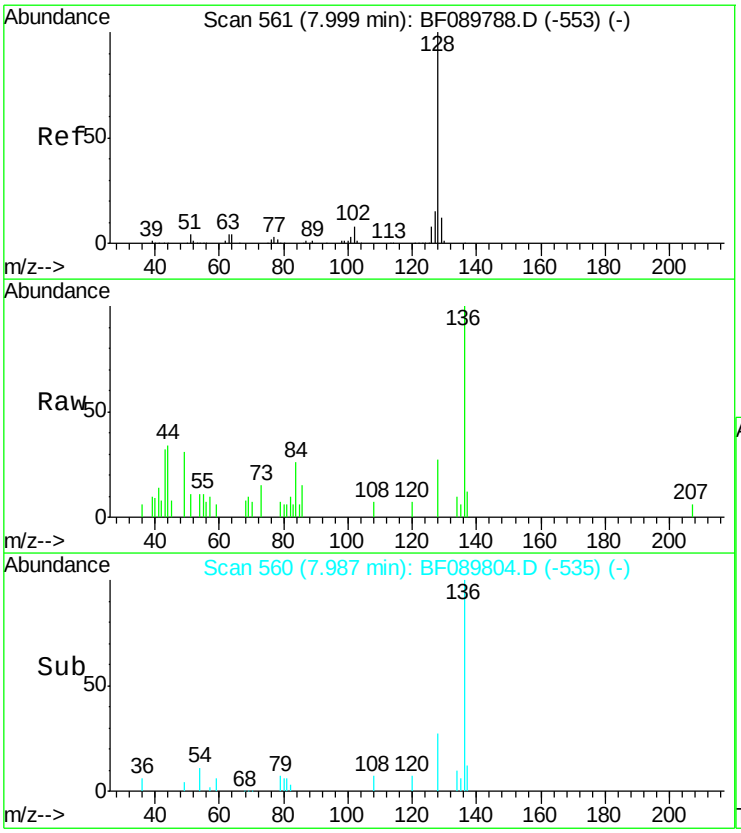
#28
bis(2-Chloroethoxy)methane
Concen: 0.01 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.18 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion: 93 Resp: 401

Ion	Ratio	Lower	Upper
93	100		
95	89.4	25.5	38.3#
123	0.0	8.5	12.7#

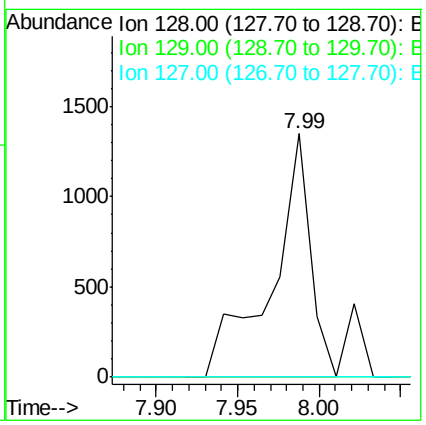


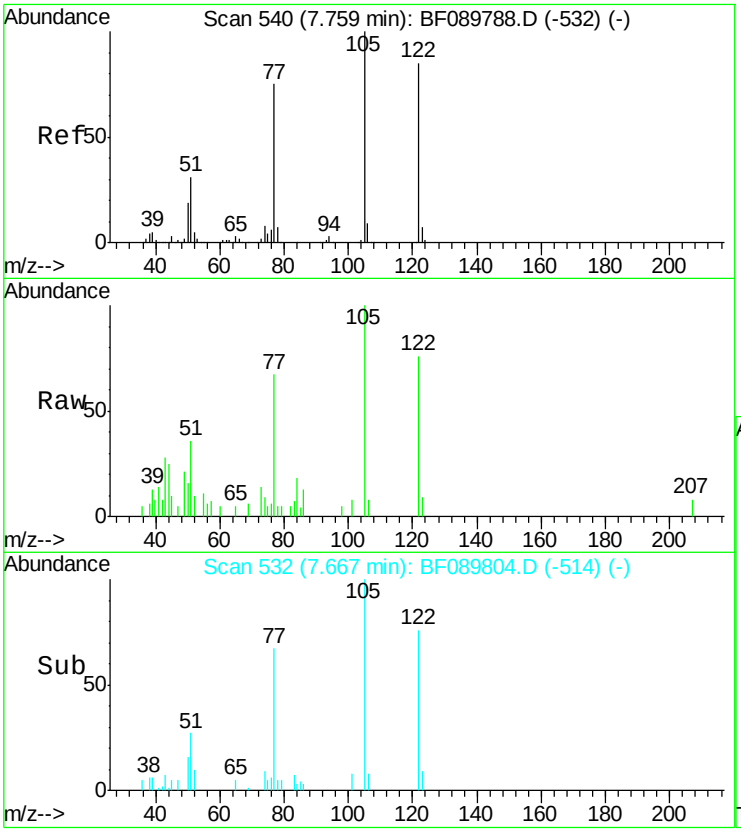


#31
Naphthalene
Concen: 0.02 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:128 Resp: 2242

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.5	14.3#
127	0.0	11.3	16.9#



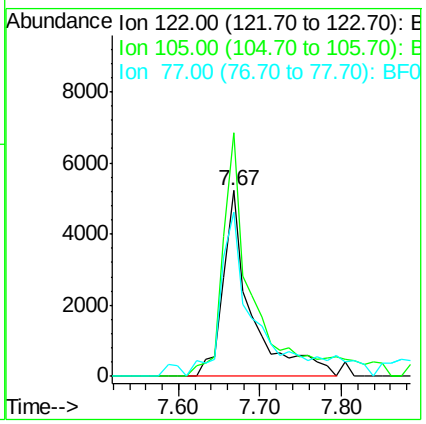


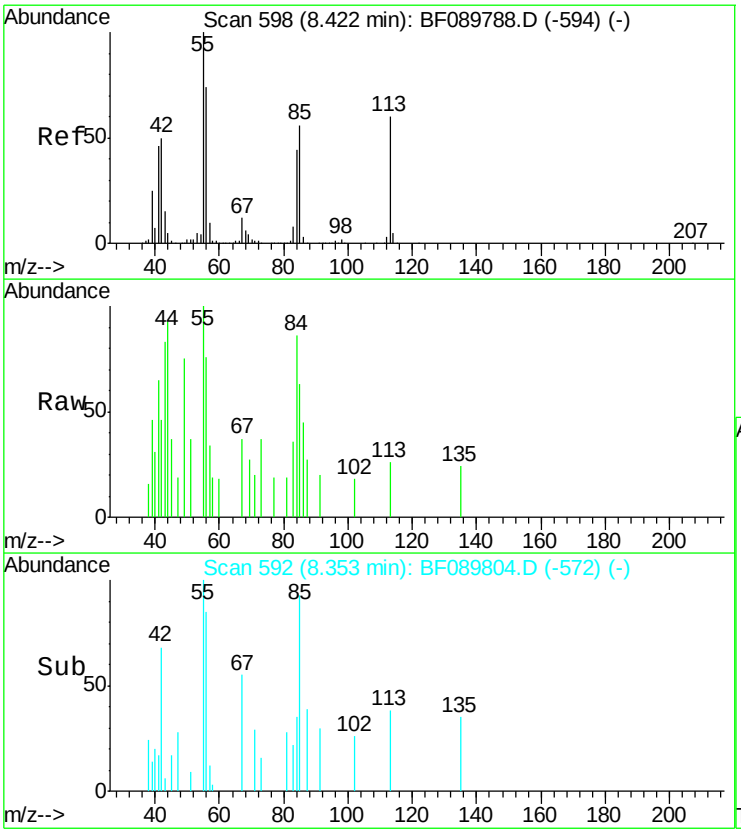
#32
Benzoic acid
Concen: 0.50 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.09 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:122 Resp: 12273

Ion	Ratio	Lower	Upper
122	100		
105	131.1	100.8	140.8
77	88.1	72.1	112.1

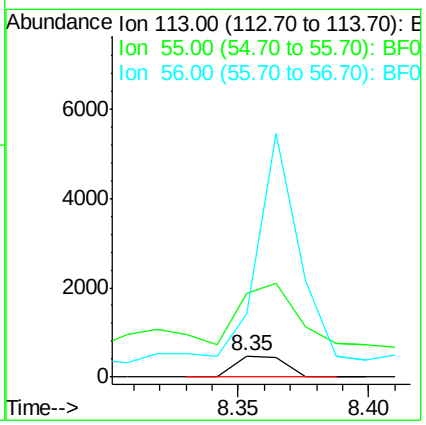


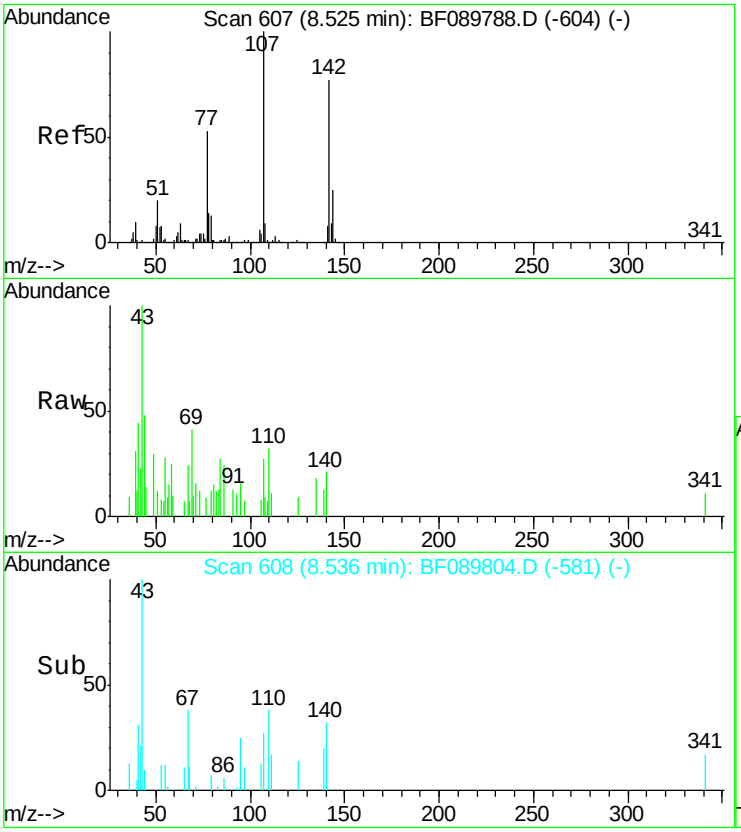


#35
Caprolactam
Concen: 0.08 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.07 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:113 Resp: 621

Ion	Ratio	Lower	Upper
113	100		
55	392.0	135.9	175.9#
56	297.7	93.9	133.9#



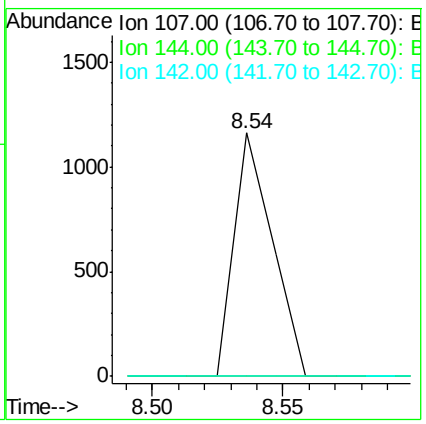


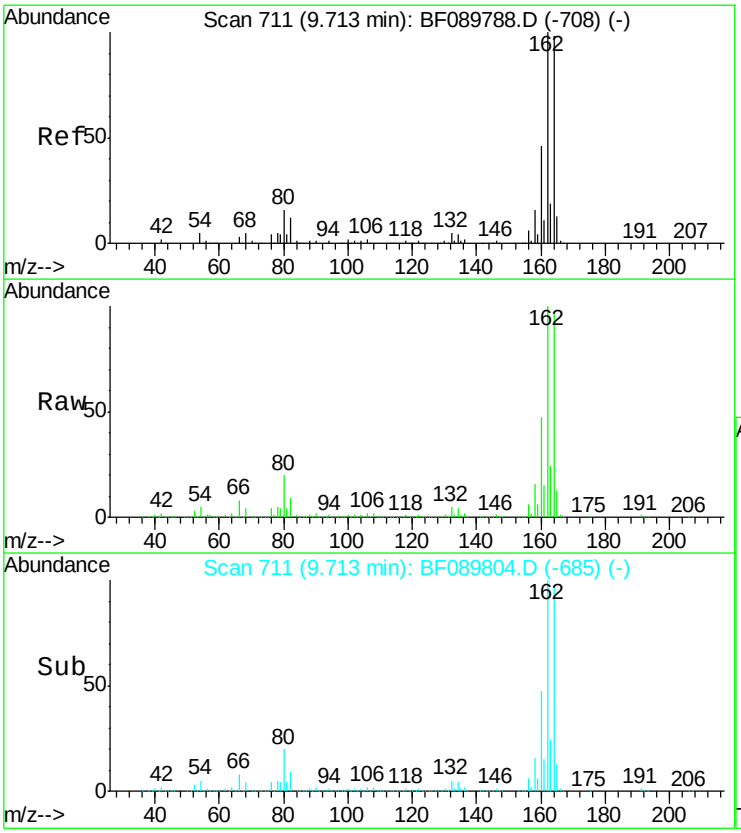
#36
4-Chloro-3-methylphenol
Concen: 0.04 ng
RT: 8.54 min Scan# 608
Delta R.T. 0.01 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:107 Resp: 1197

Ion	Ratio	Lower	Upper
107	100		
144	0.0	22.6	34.0#
142	0.0	69.3	103.9#

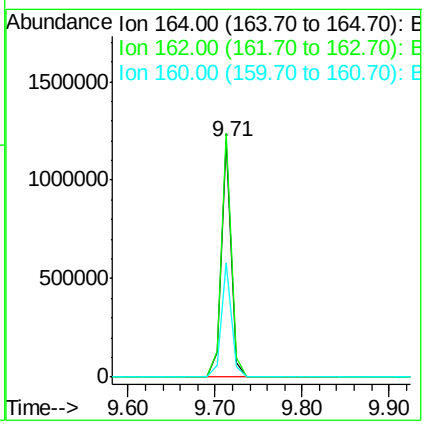


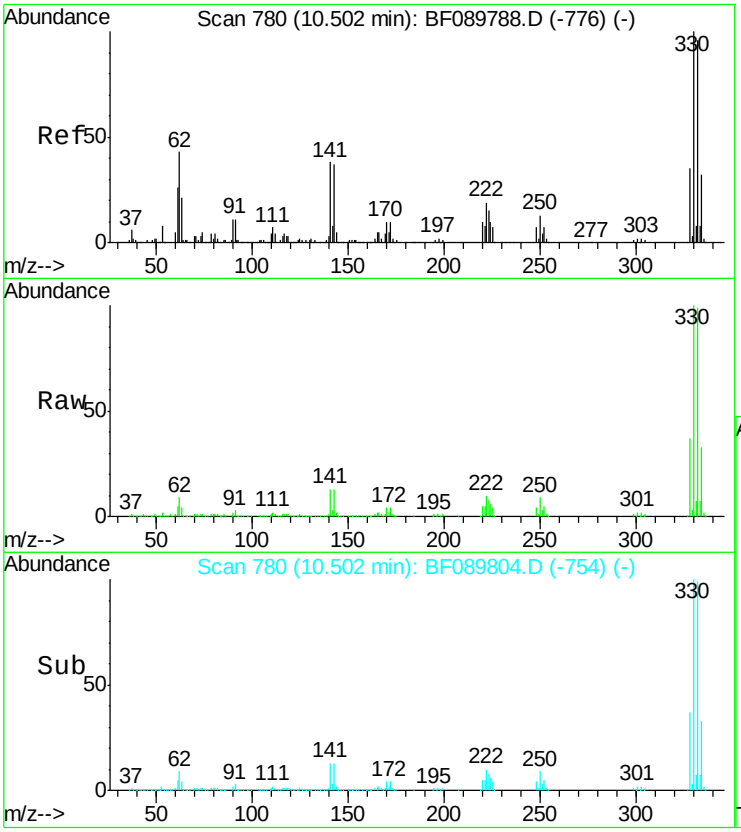


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:164 Resp: 967172

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.4	122.2
160	48.3	37.8	56.6



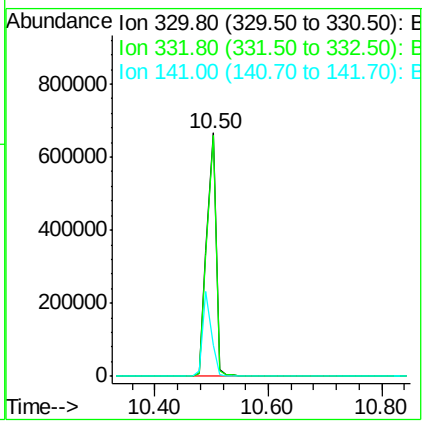


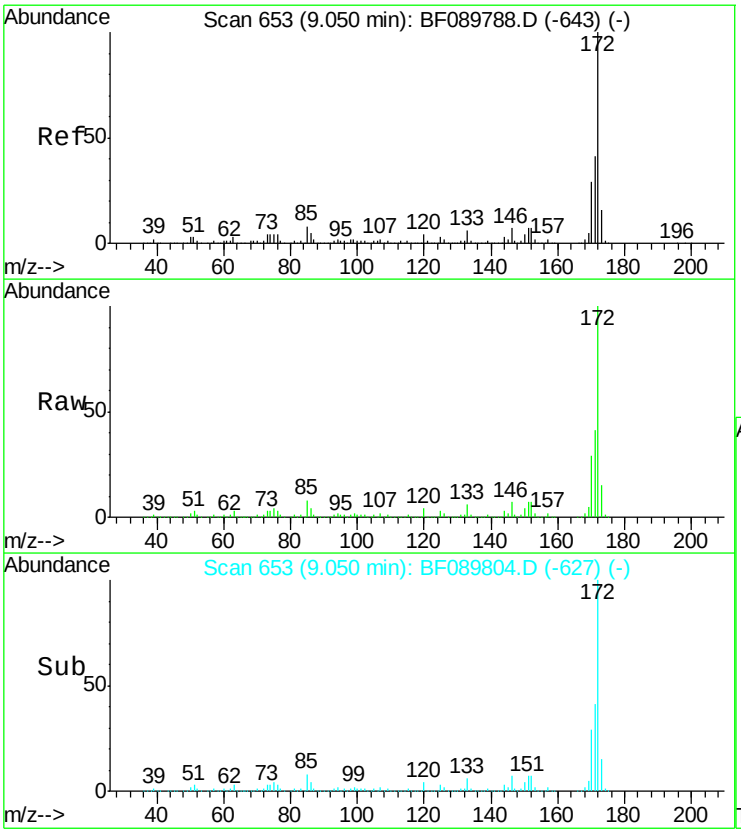
#41
2,4,6-Tribromophenol
Concen: 79.19 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:330 Resp: 727850

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.7	115.1
141	32.8	30.2	45.2

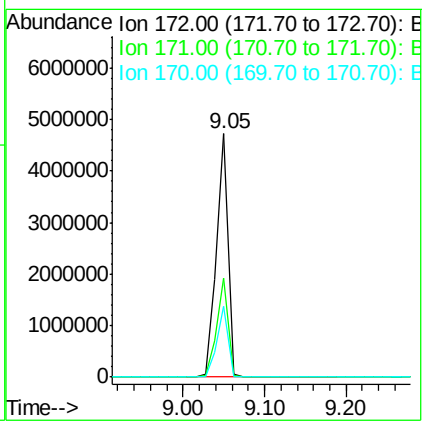


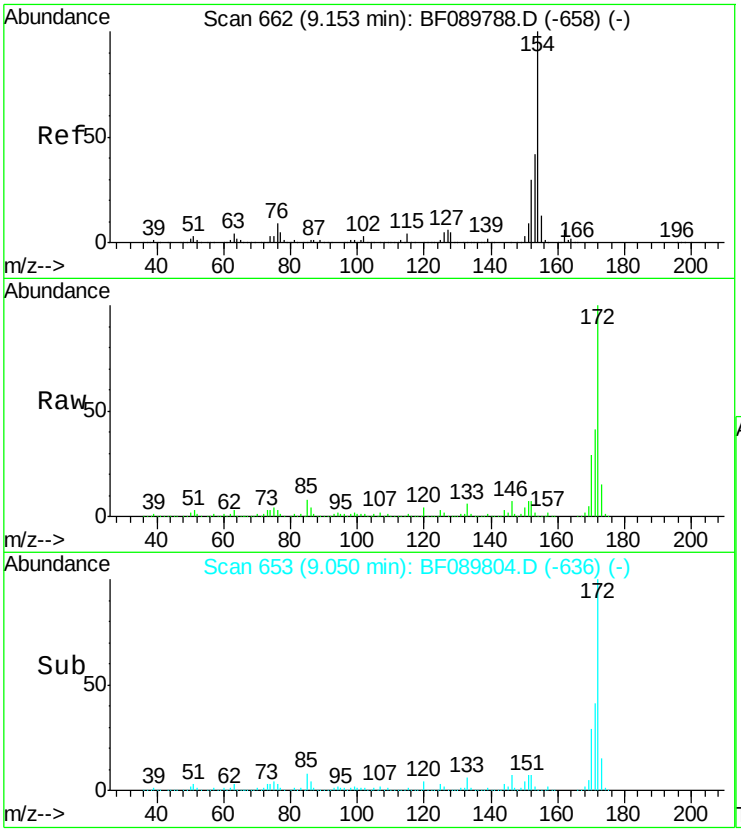


#44
2-Fluorobiphenyl
Concen: 84.93 ng
RT: 9.05 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:172 Resp: 4673776

Ion	Ratio	Lower	Upper
172	100		
171	40.9	30.5	45.7
170	29.0	20.6	31.0



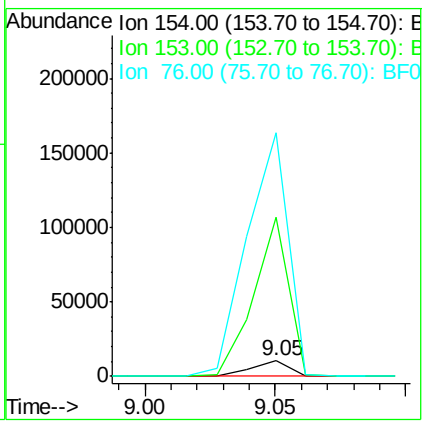


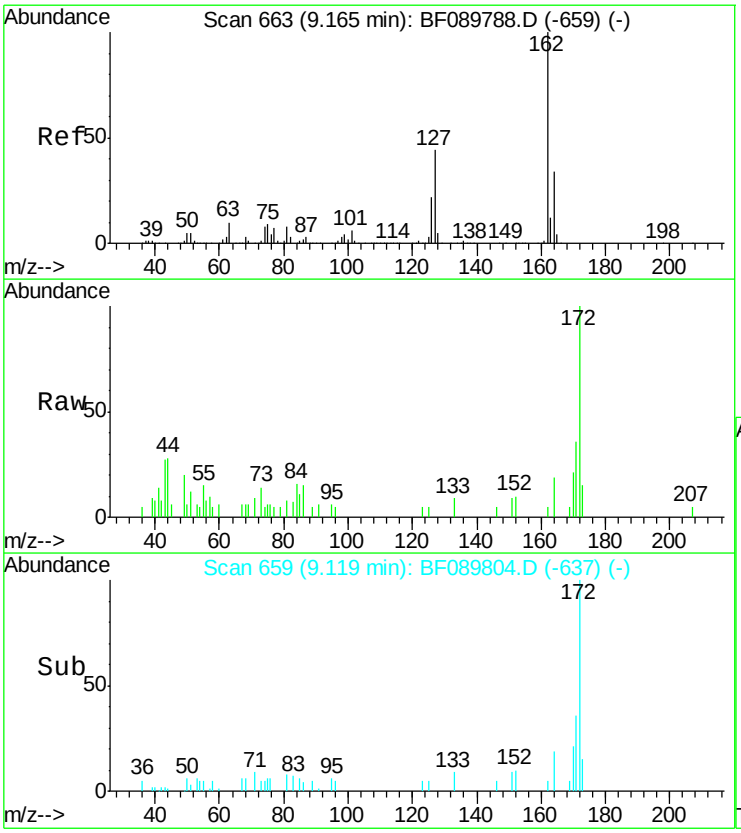
#45
1,1'-Biphenyl
Concen: 0.13 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.10 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:154 Resp: 9909

Ion	Ratio	Lower	Upper
154	100		
153	1039.8	21.5	61.5#
76	1593.9	0.0	36.7#

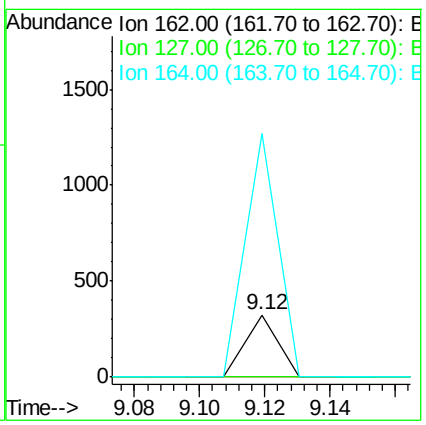


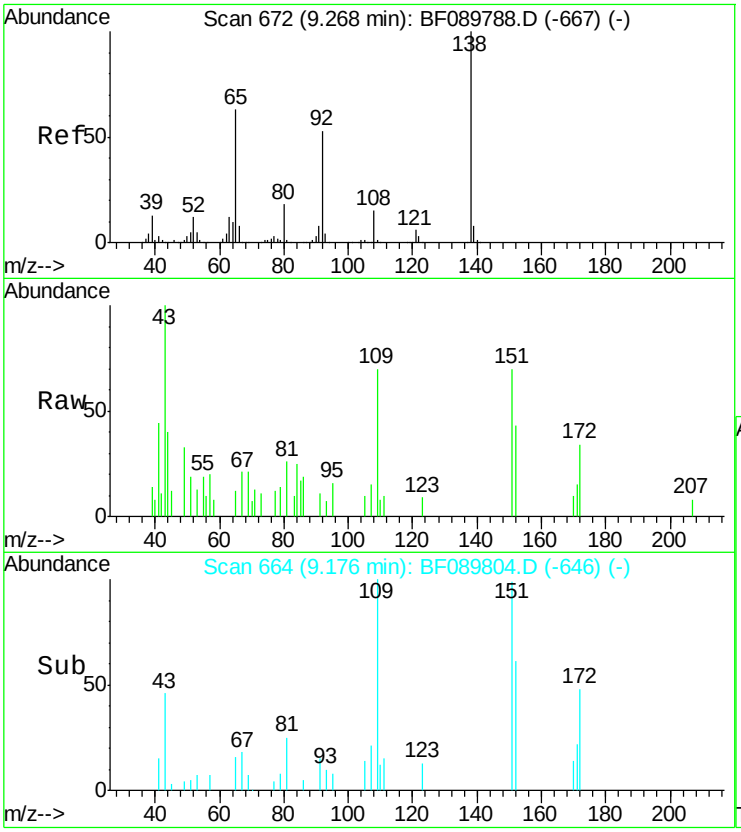


#46
2-Chloronaphthalene
Concen: 0.00 ng
RT: 9.12 min Scan# 659
Delta R.T. -0.05 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:162 Resp: 221

Ion	Ratio	Lower	Upper
162	100		
127	0.0	35.5	53.3#
164	392.9	26.6	40.0#



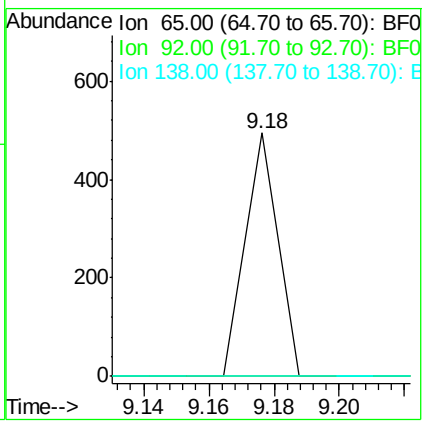


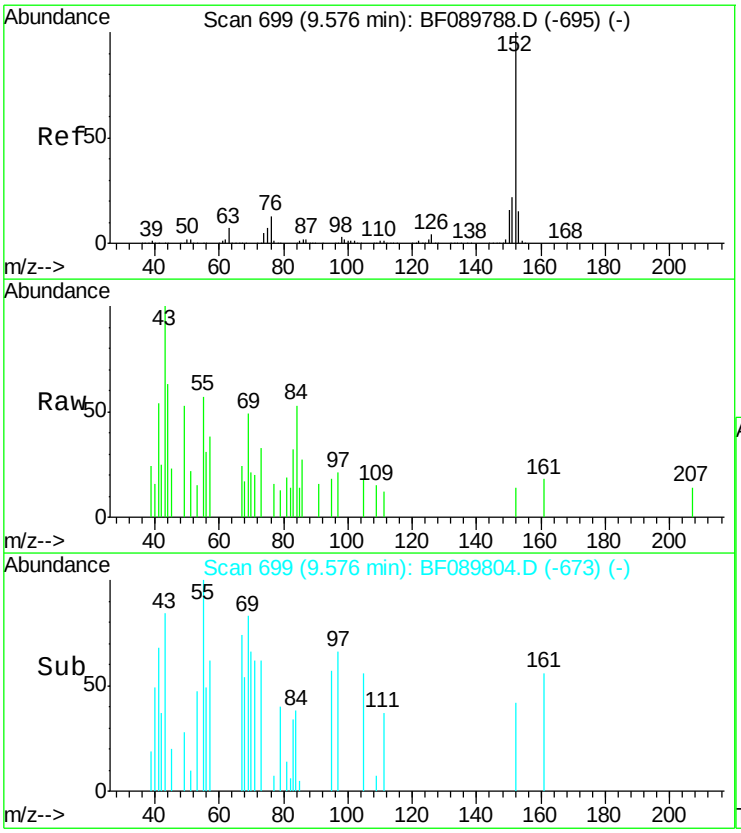
#47
2-Nitroaniline
Concen: 0.02 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.09 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion: 65 Resp: 339

Ion	Ratio	Lower	Upper
65	100		
92	0.0	56.3	84.5#
138	0.0	81.8	122.8#

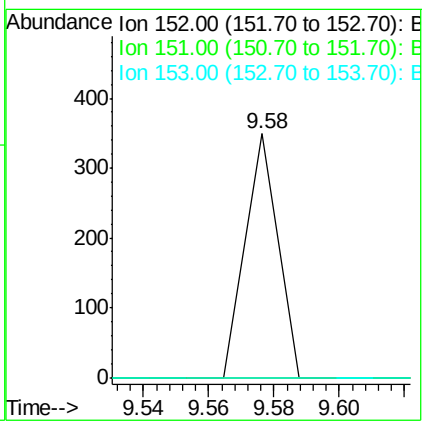


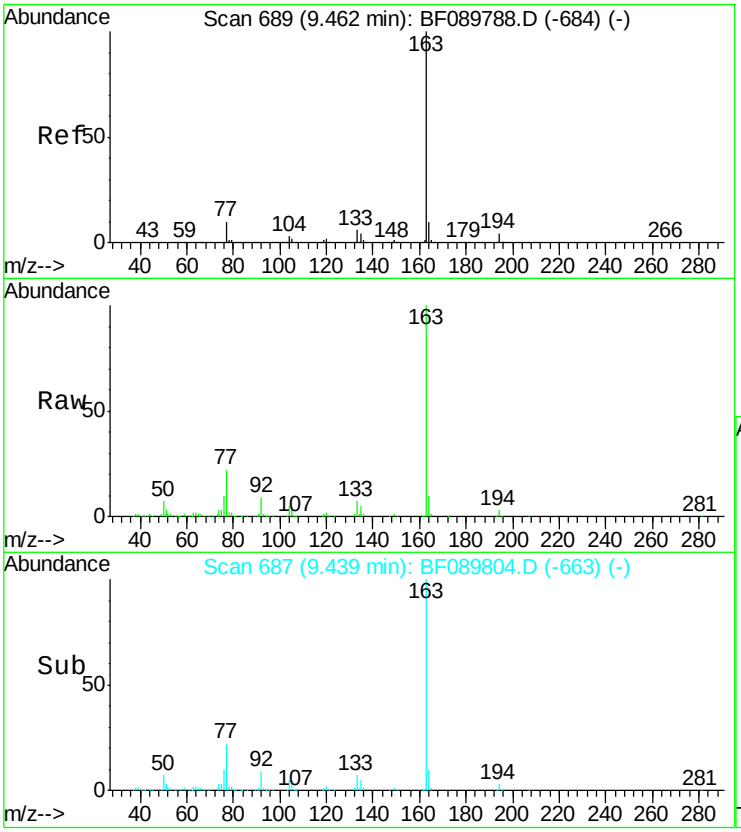


#48
Acenaphthylene
Concen: 0.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:152 Resp: 239

Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.1	25.7#
153	0.0	11.2	16.8#



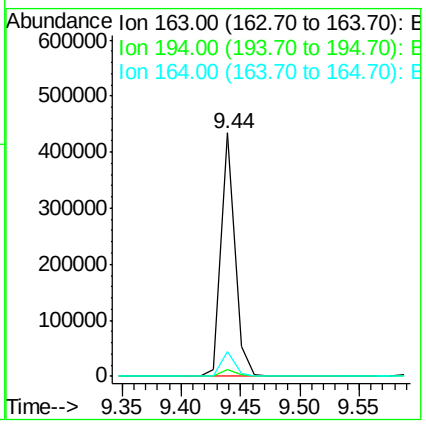


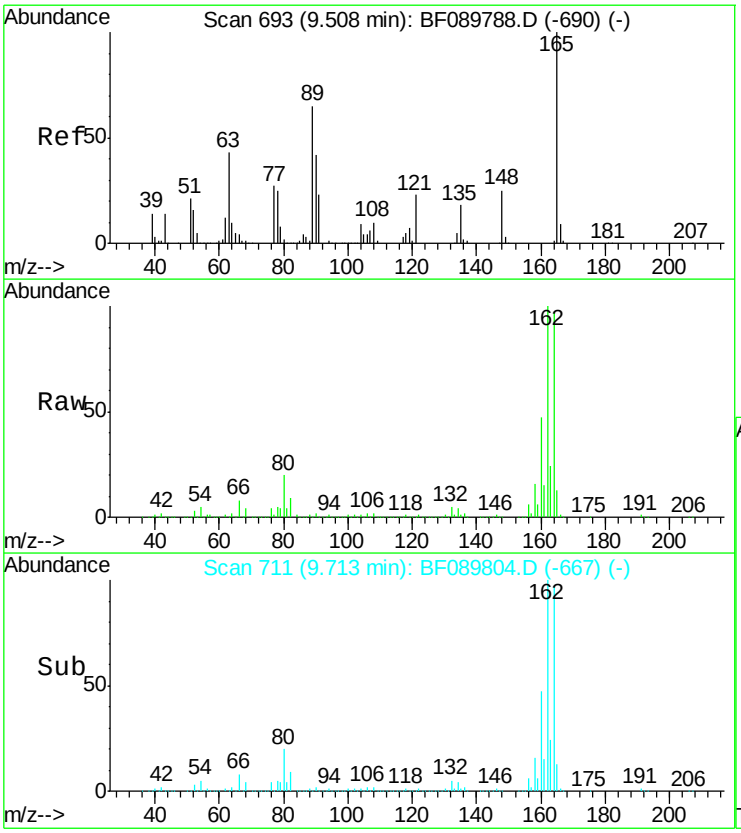
#49
Dimethylphthalate
Concen: 5.11 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:163 Resp: 348139

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	3.8
164	10.3	8.6	12.8

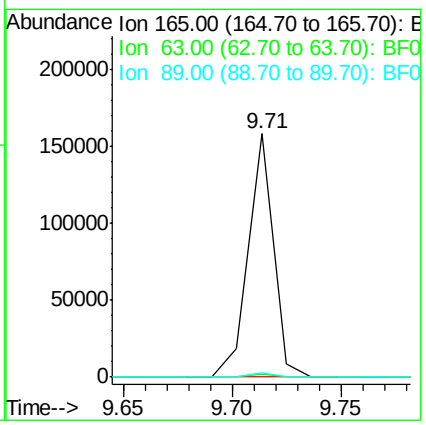


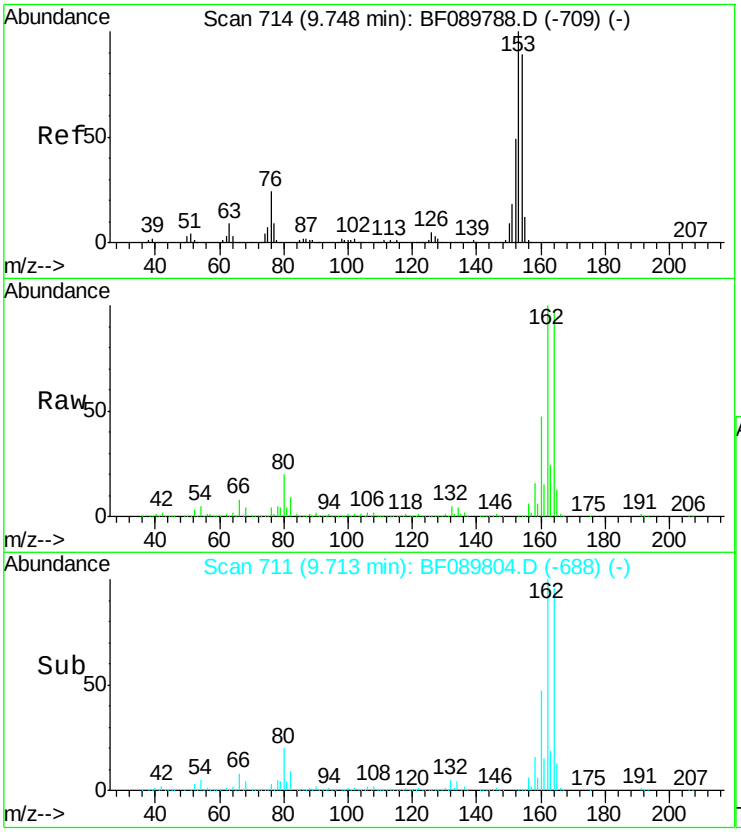


#50
2,6-Dinitrotoluene
Concen: 8.13 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.21 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:165 Resp: 127883

Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.7	62.5#
89	1.5	44.6	67.0#



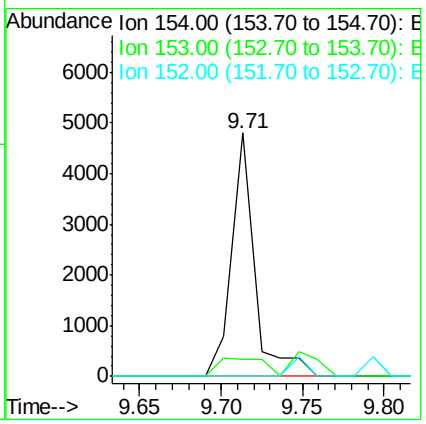


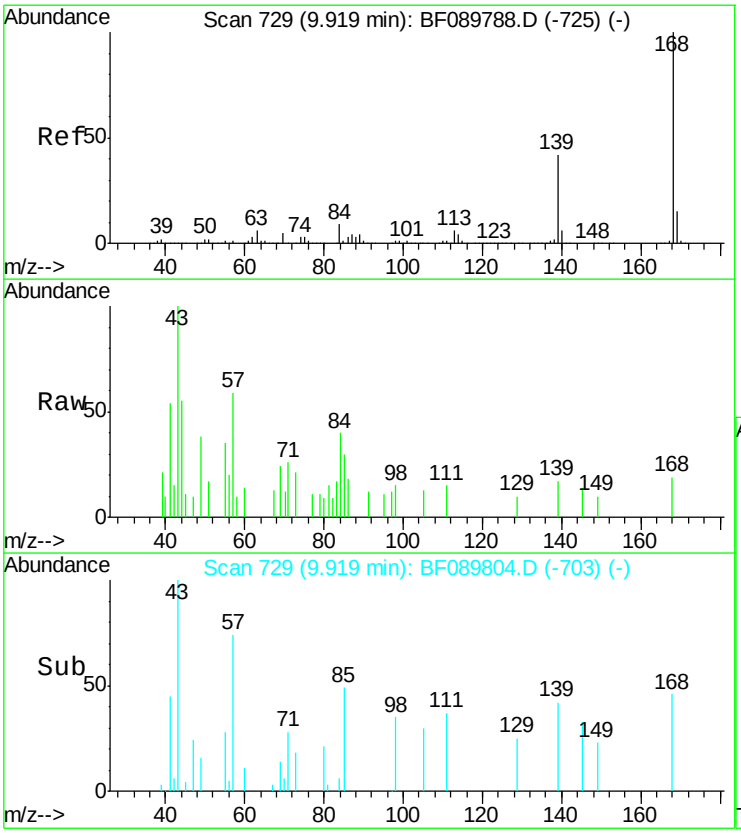
#51
Acenaphthene
Concen: 0.08 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:154 Resp: 4679

Ion	Ratio	Lower	Upper
154	100		
153	7.2	90.5	135.7#
152	0.0	44.6	67.0#

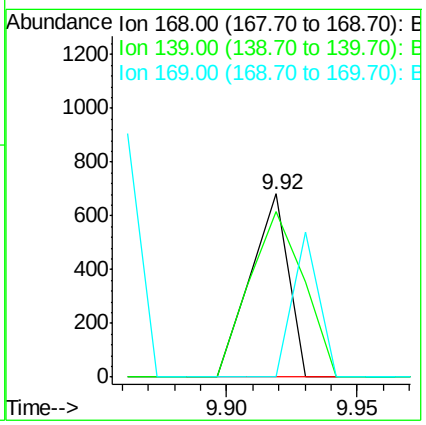


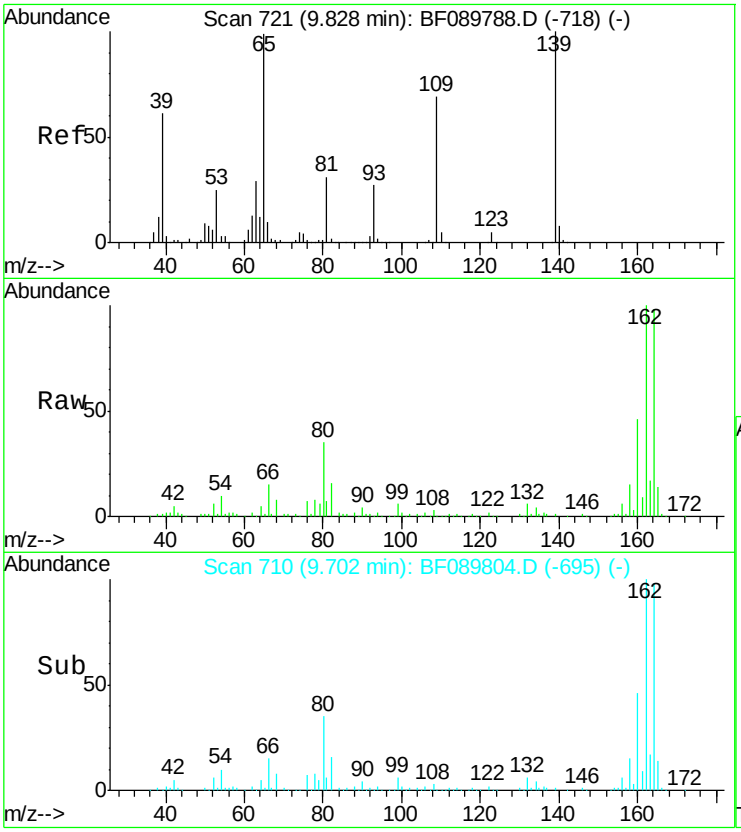


#54
Dibenzofuran
Concen: 0.01 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:168 Resp: 696

Ion	Ratio	Lower	Upper
168	100		
139	90.6	34.6	52.0#
169	0.0	11.5	17.3#



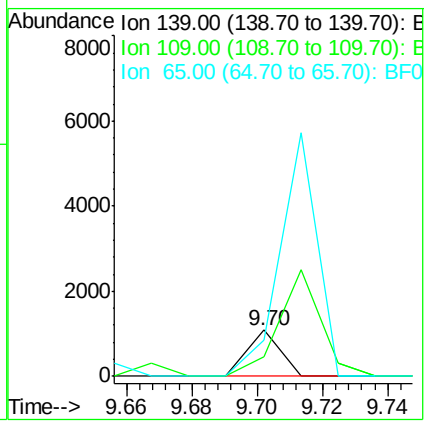


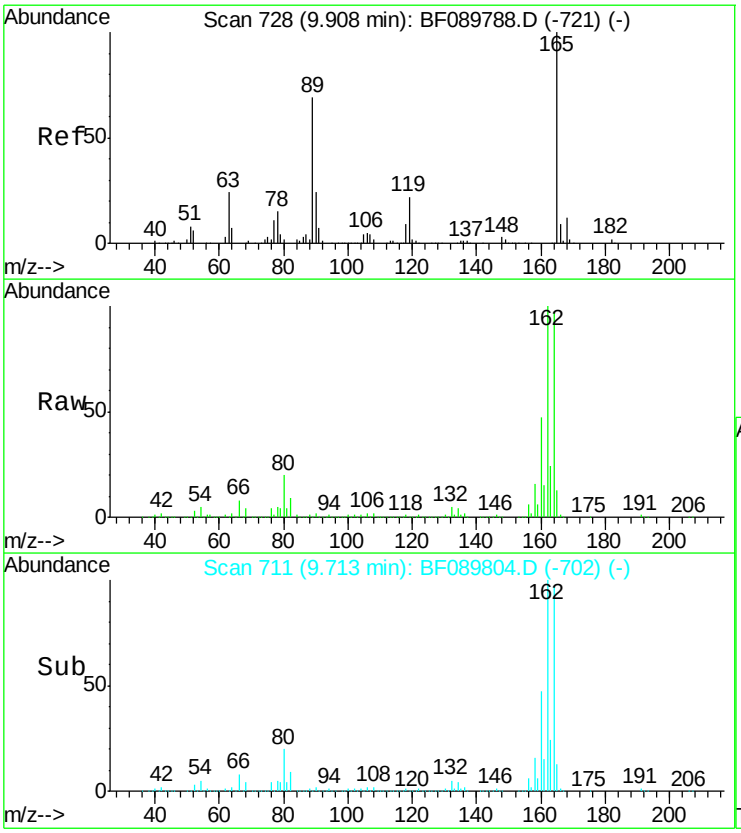
#55
4-Nitrophenol
Concen: 0.05 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.13 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:139 Resp: 741

Ion	Ratio	Lower	Upper
139	100		
109	43.2	43.0	83.0
65	78.3	55.7	95.7

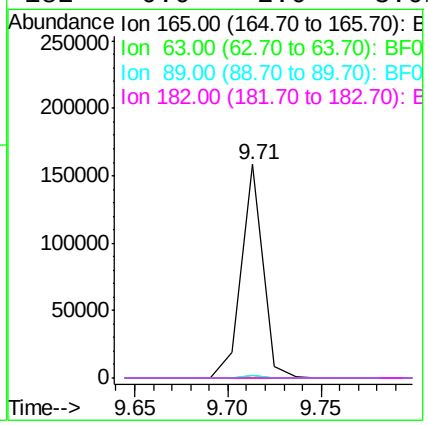


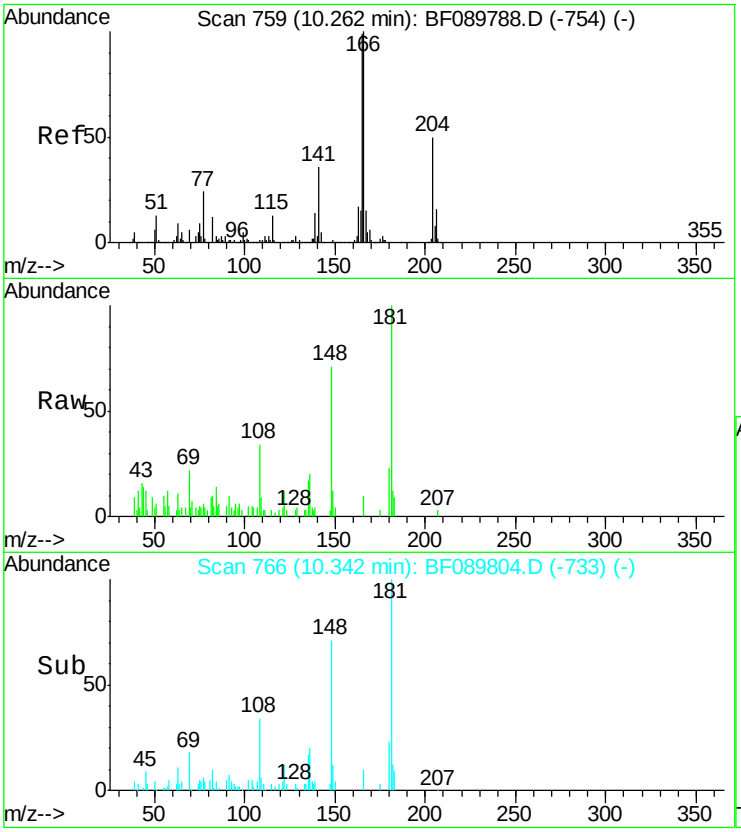


#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.19 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:165 Resp: 127892

Ion	Ratio	Lower	Upper
165	100		
63	1.3	23.7	35.5#
89	1.5	44.0	66.0#
182	0.0	2.0	3.0#



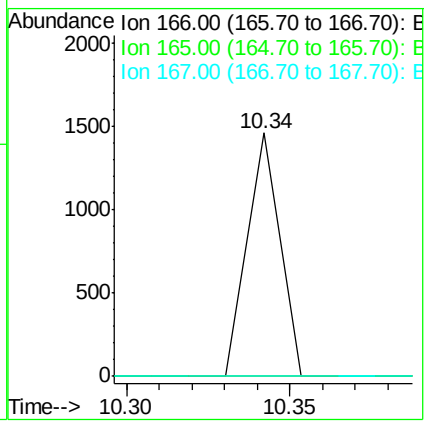


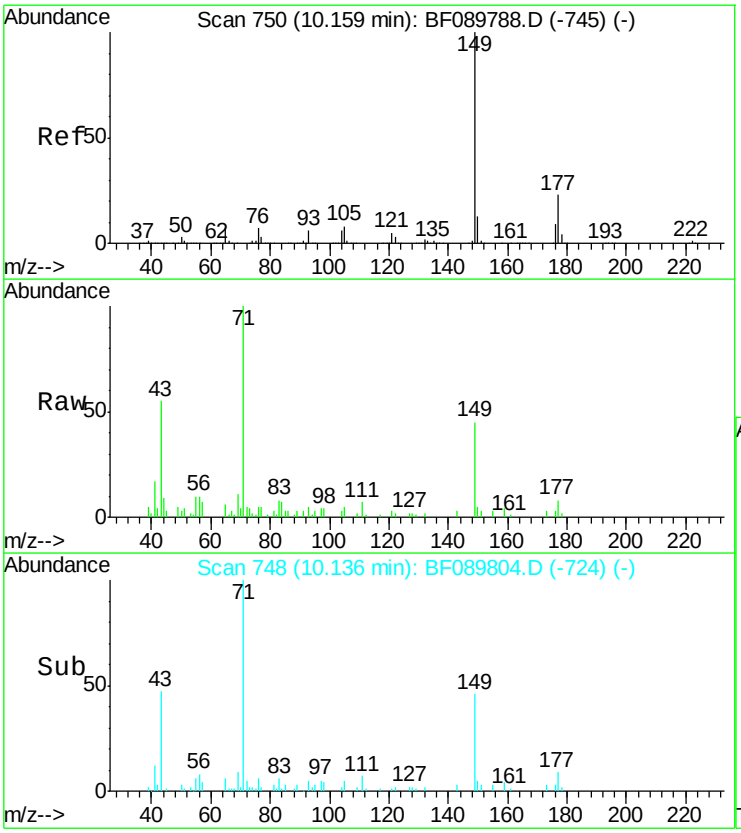
#57
Fluorene
Concen: 0.02 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.08 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:166 Resp: 1001

Ion	Ratio	Lower	Upper
166	100		
165	0.0	80.2	120.4#
167	0.0	11.3	16.9#

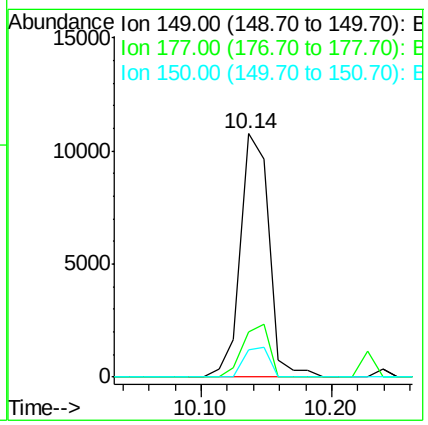


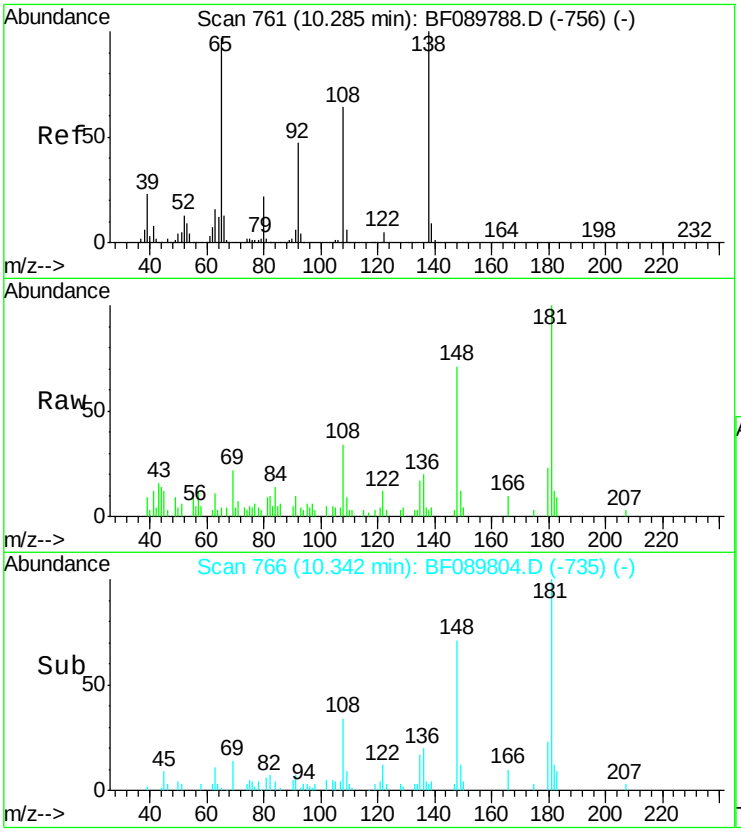


#59
Diethylphthalate
Concen: 0.24 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:149 Resp: 16290

Ion	Ratio	Lower	Upper
149	100		
177	18.6	16.6	25.0
150	11.0	10.5	15.7



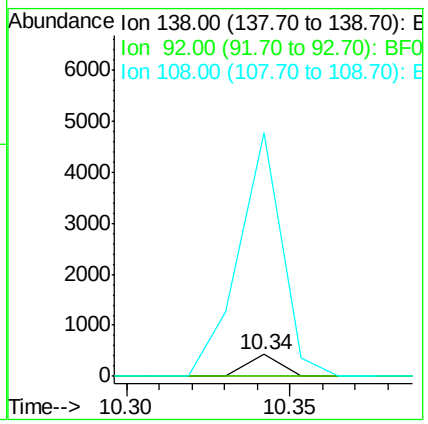


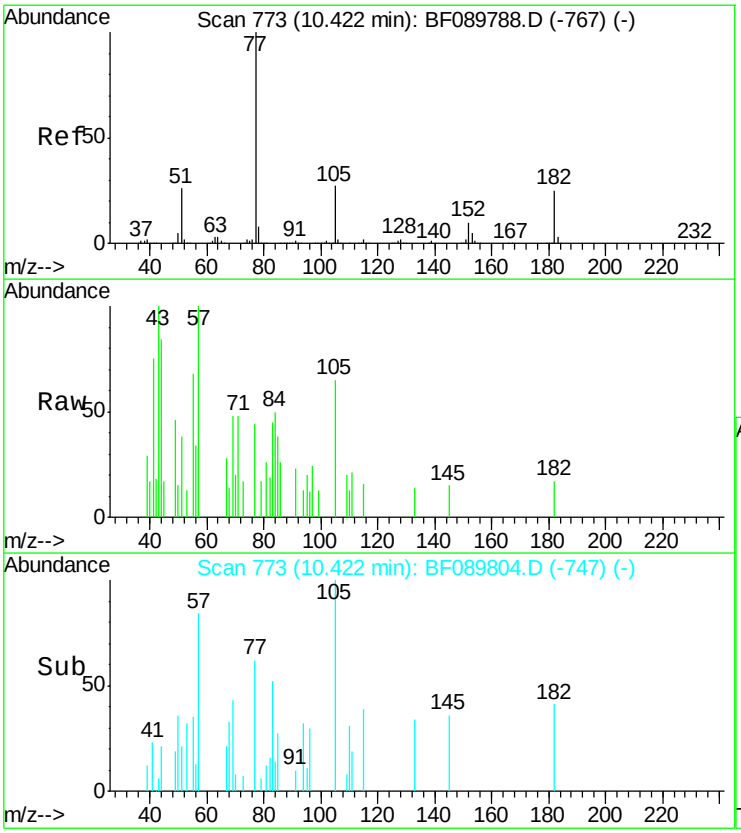
#61
4-Nitroaniline
Concen: 0.02 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.06 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:138 Resp: 297

Ion	Ratio	Lower	Upper
138	100		
92	0.0	26.4	66.4#
108	1102.5	47.0	87.0#

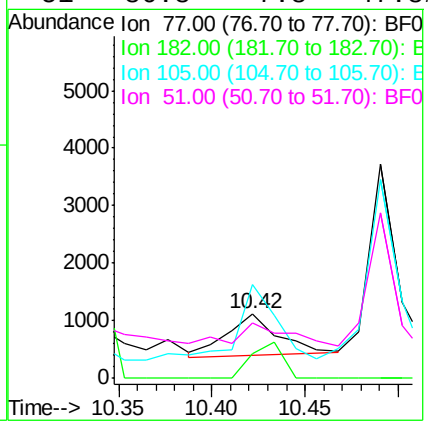


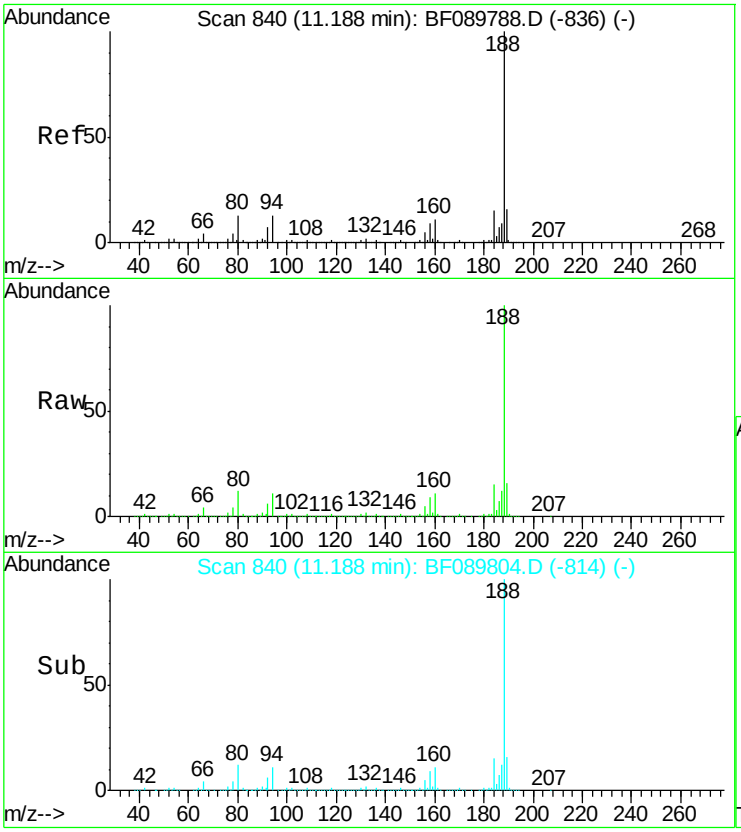


#62
Azobenzene
Concen: 0.02 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion: 77 Resp: 1387

Ion	Ratio	Lower	Upper
77	100		
182	38.0	5.6	45.6
105	146.5	4.0	44.0#
51	86.8	7.8	47.8#



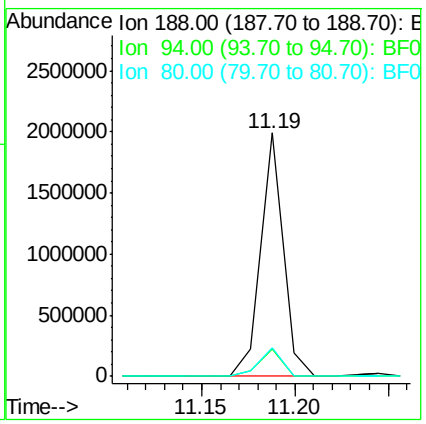


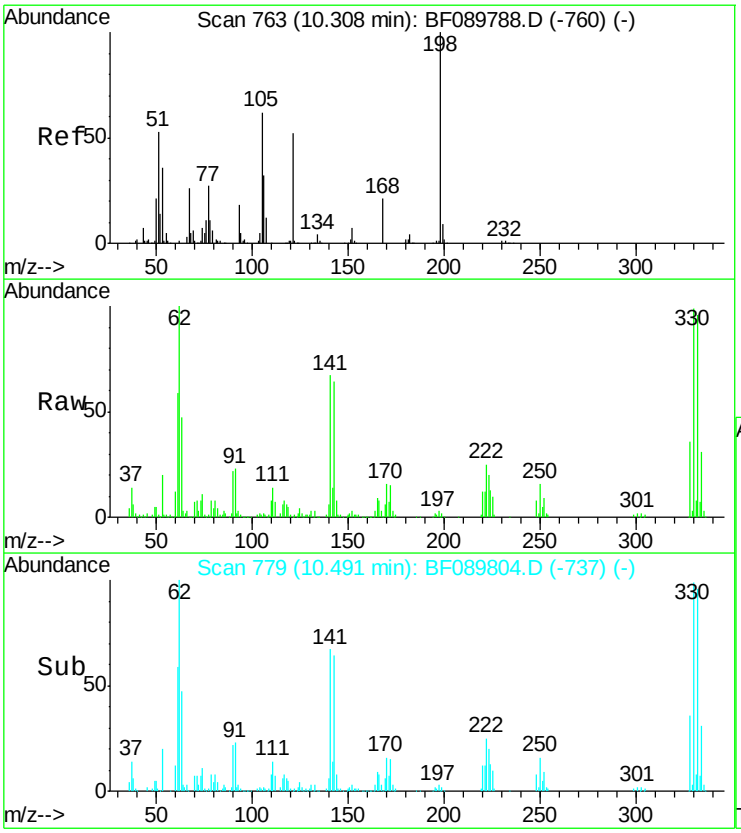
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:188 Resp: 1654856

Ion	Ratio	Lower	Upper
188	100		
94	11.2	10.2	15.2
80	11.6	10.9	16.3

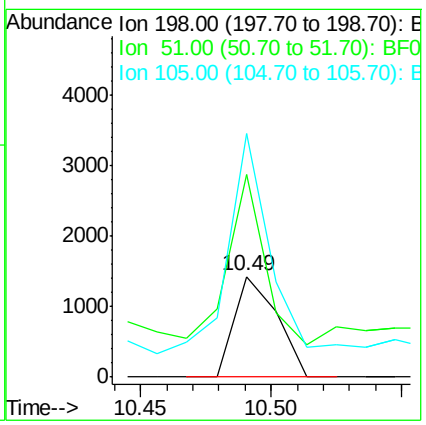


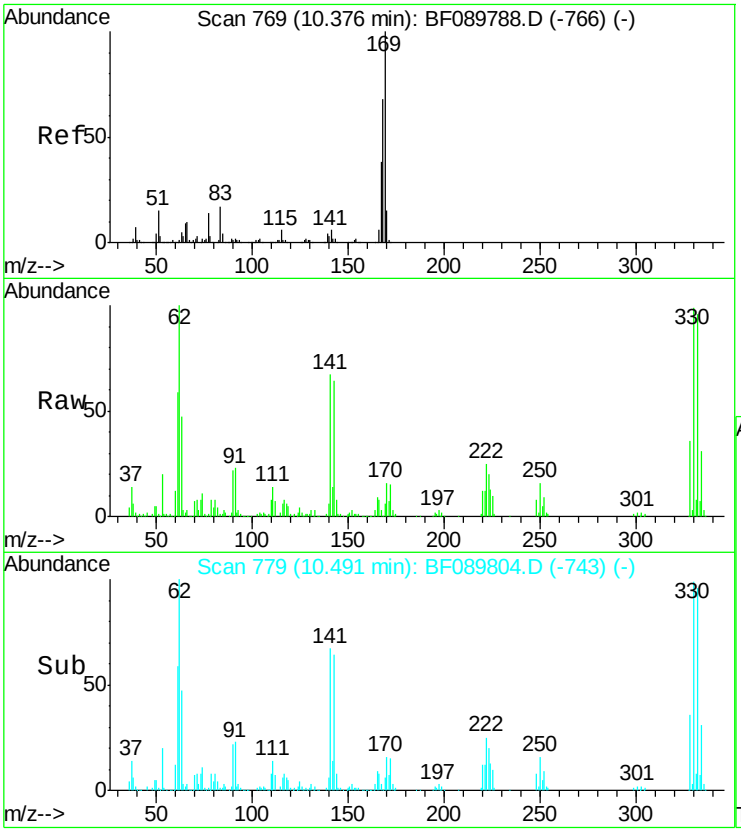


#64
4,6-Dinitro-2-methylphenol
Concen: 0.17 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.18 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:198 Resp: 1623

Ion	Ratio	Lower	Upper
198	100		
51	201.5	32.3	72.3#
105	242.1	32.9	72.9#



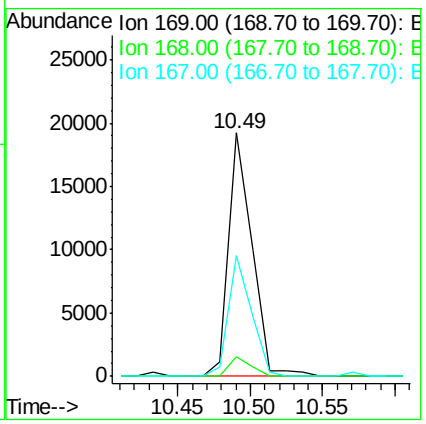


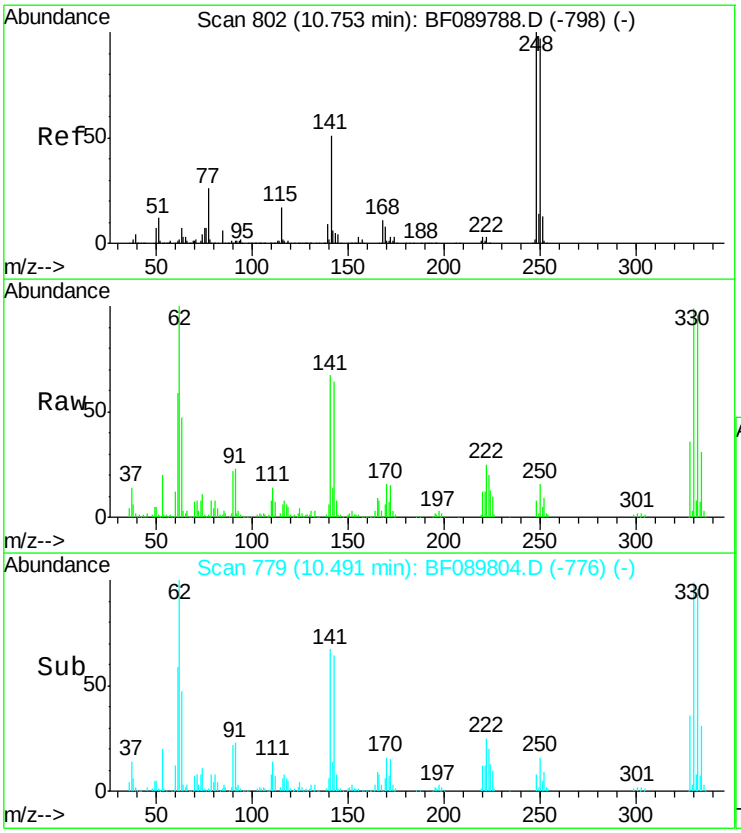
#65
n-Nitrosodiphenylamine
Concen: 0.42 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.11 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:169 Resp: 21617

Ion	Ratio	Lower	Upper
169	100		
168	7.8	54.6	82.0#
167	49.5	30.6	45.8#

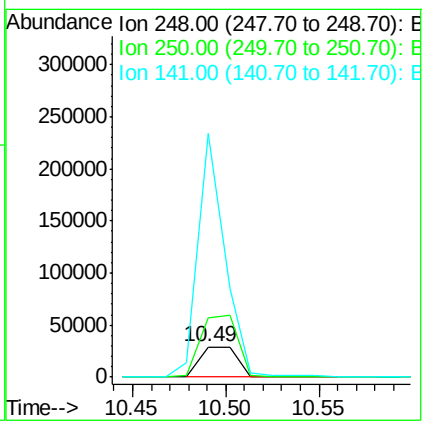


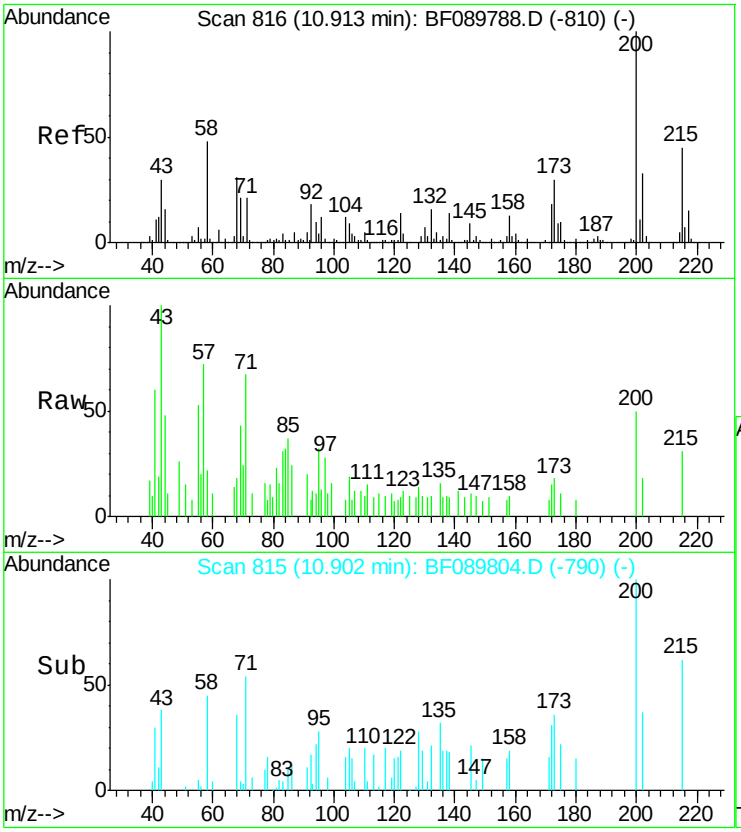


#66
4-Bromophenyl-phenylether
Concen: 2.32 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.26 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:248 Resp: 40339

Ion	Ratio	Lower	Upper
248	100		
250	199.0	78.6	117.8#
141	812.9	31.4	47.2#



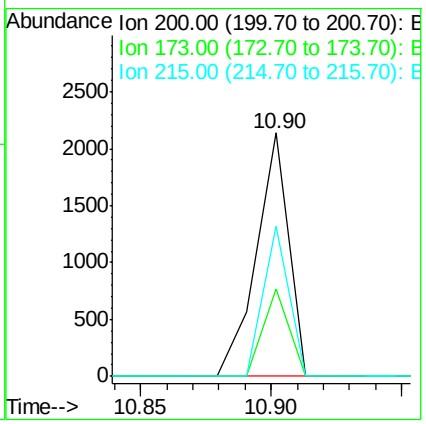


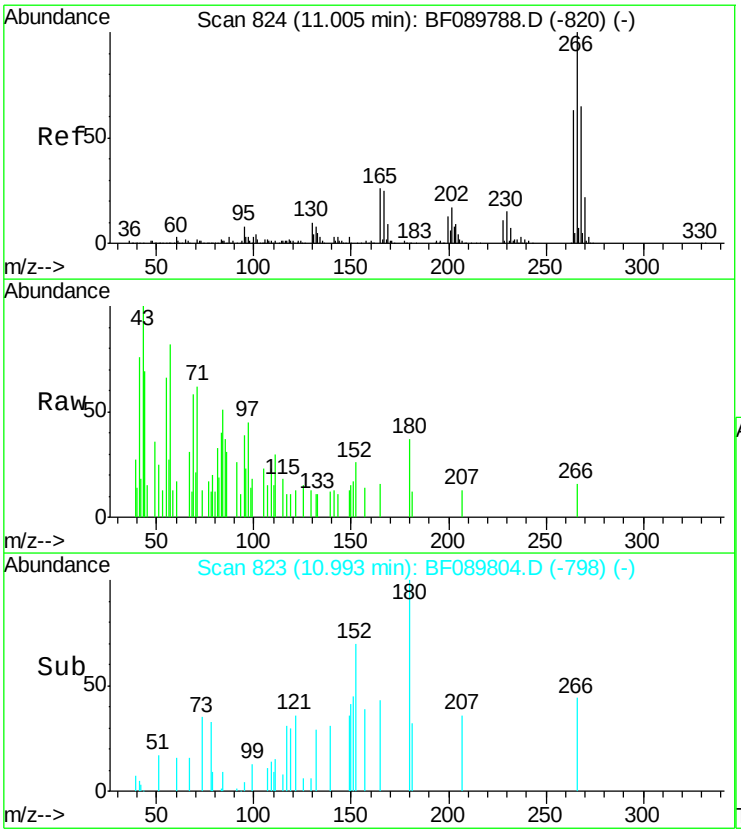
#68
Atrazine
Concen: 0.12 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:200 Resp: 1852

Ion	Ratio	Lower	Upper
200	100		
173	35.8	6.6	46.6
215	61.6	24.7	64.7

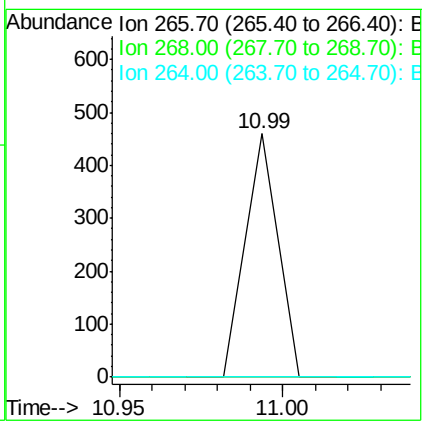


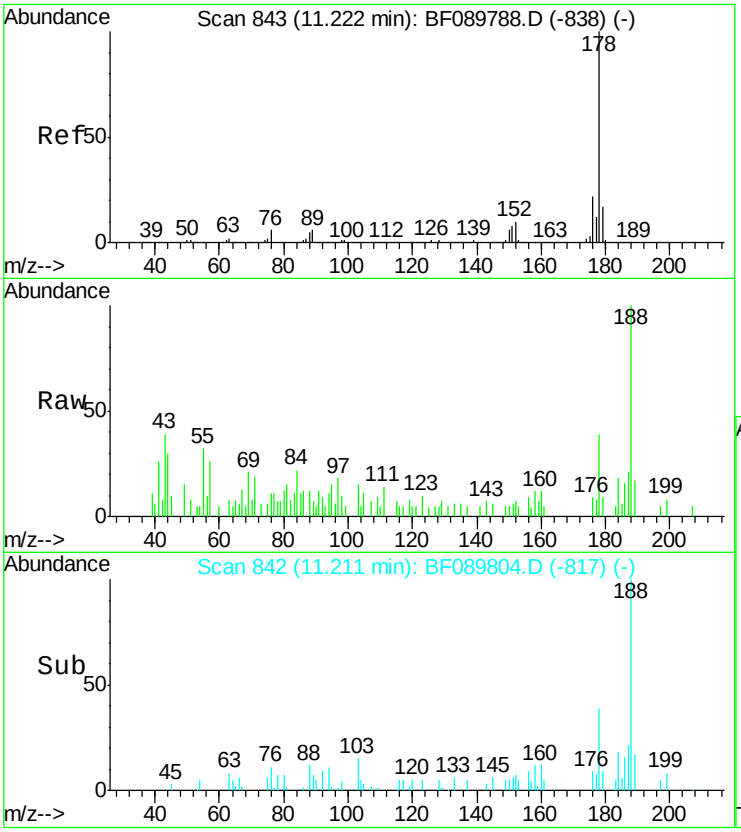


#69
Pentachlorophenol
Concen: 0.03 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:266 Resp: 315

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.2	79.8#
264	0.0	51.1	76.7#



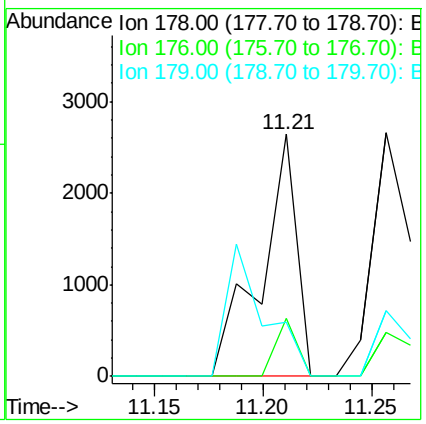


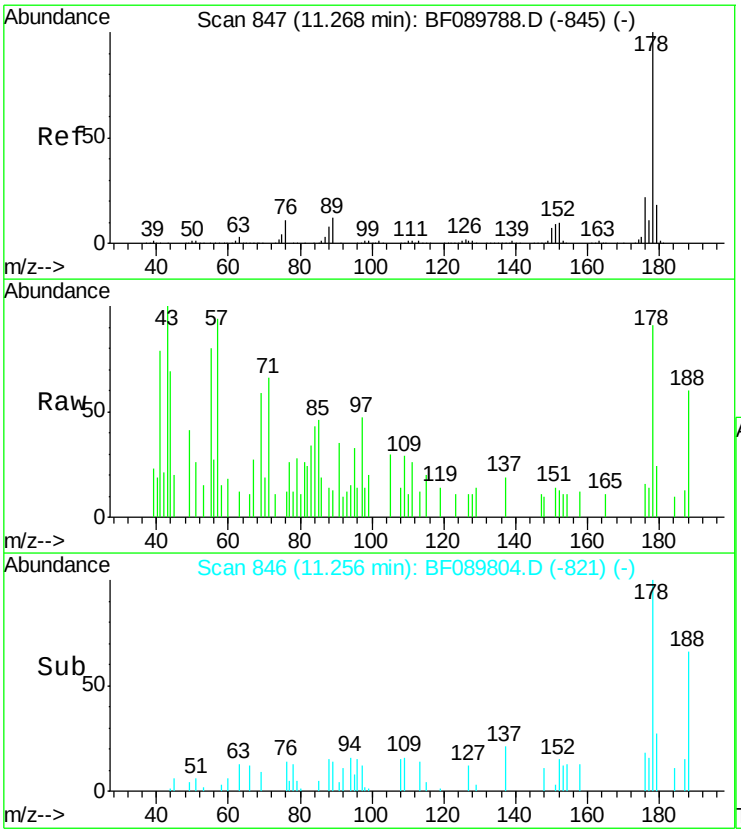
#70
Phenanthrene
Concen: 0.04 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:178 Resp: 3051

Ion	Ratio	Lower	Upper
178	100		
176	23.7	16.4	24.6
179	22.6	12.5	18.7#

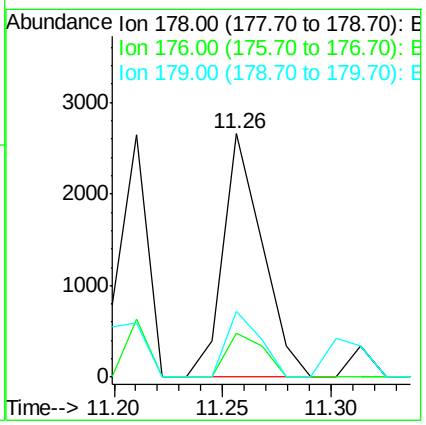


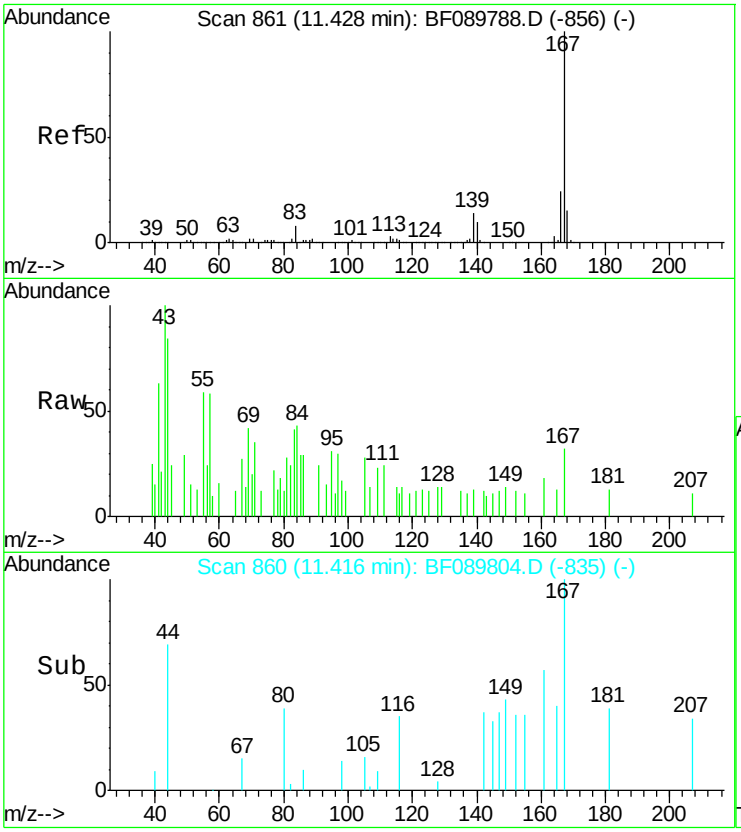


#71
Anthracene
Concen: 0.04 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:178 Resp: 3340

Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.4	24.6
179	26.8	13.1	19.7#



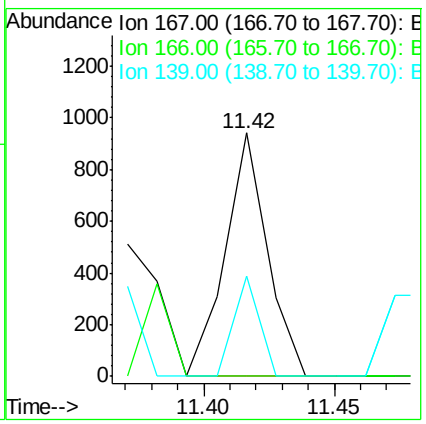


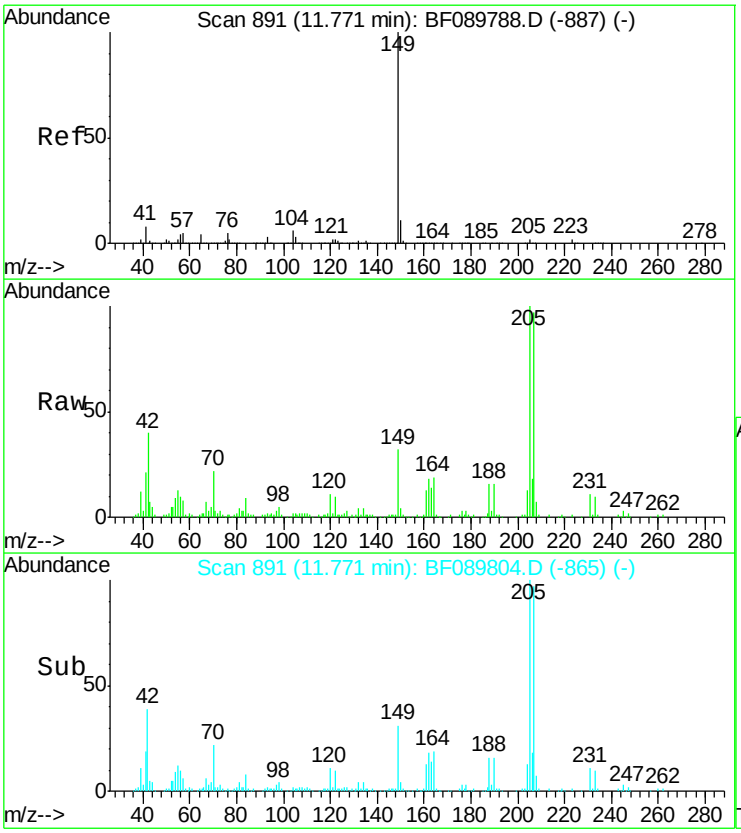
#72
Carbazole
Concen: 0.01 ng
RT: 11.42 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:167 Resp: 1066

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.9	26.9#
139	41.0	12.4	18.6#

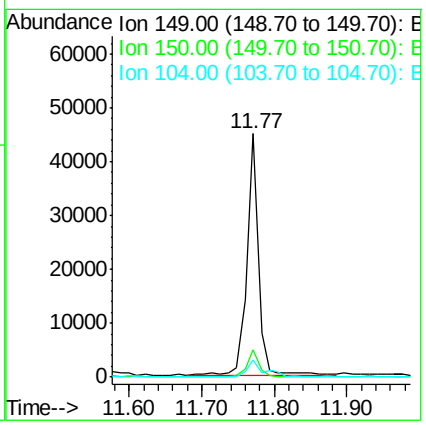


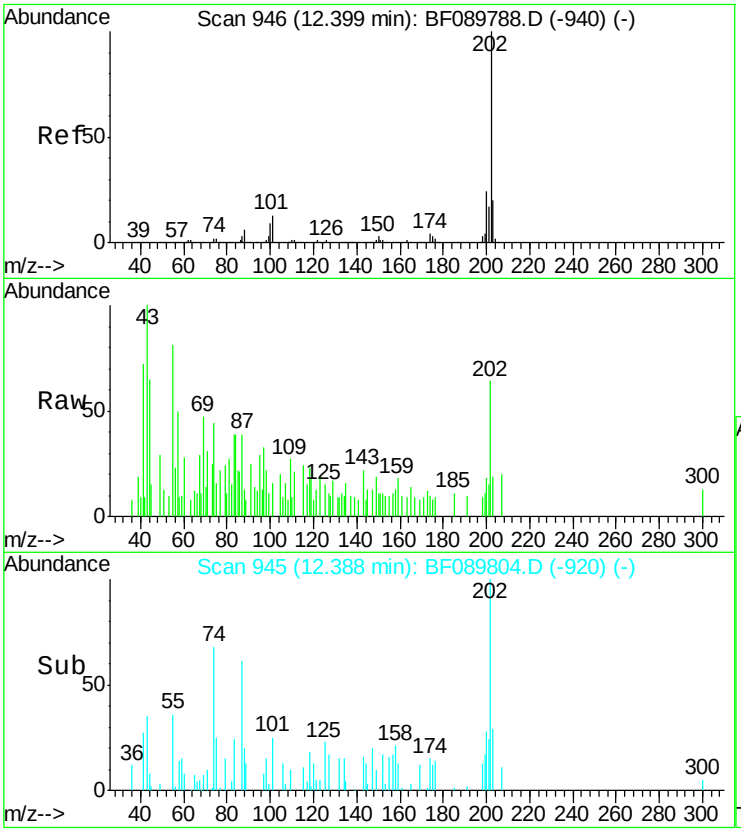


#73
Di-n-butylphthalate
Concen: 0.53 ng
RT: 11.77 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:149 Resp: 50567

Ion	Ratio	Lower	Upper
149	100		
150	11.3	7.9	11.9
104	7.2	4.3	6.5#



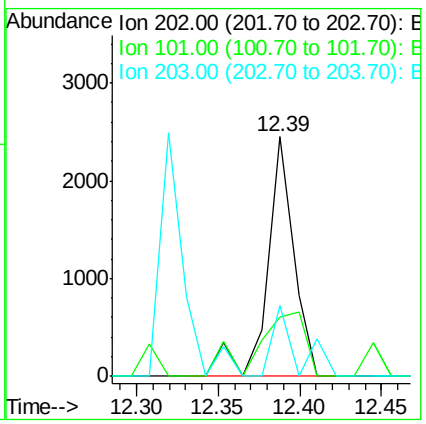


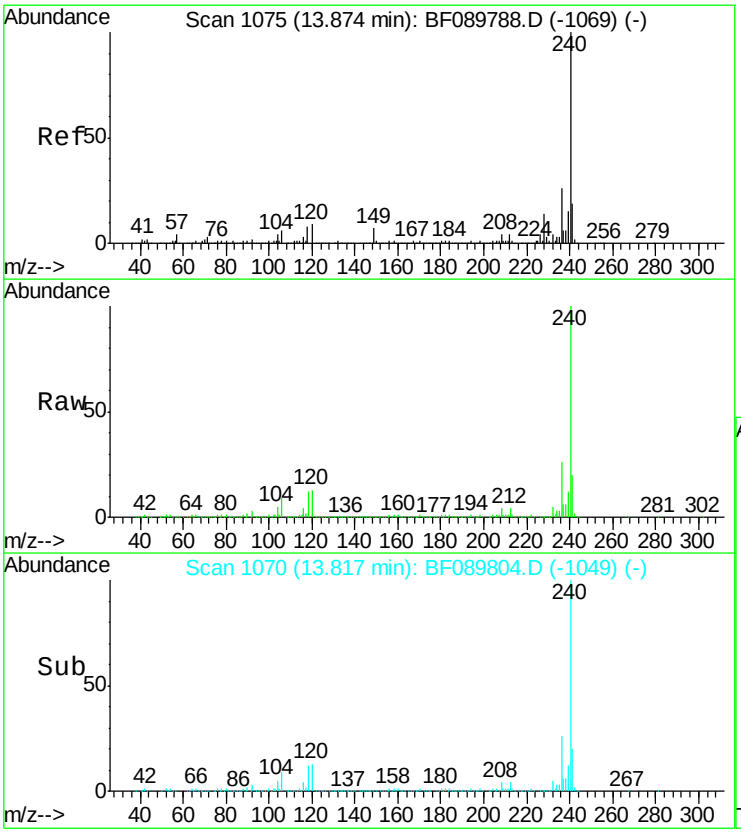
#74
Fluoranthene
Concen: 0.04 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:202 Resp: 2807

Ion	Ratio	Lower	Upper
202	100		
101	24.7	0.0	31.2
203	29.4	0.0	38.1

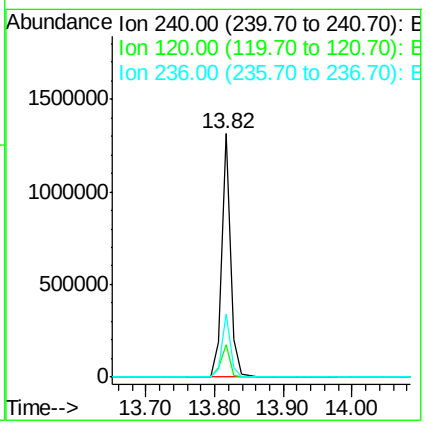


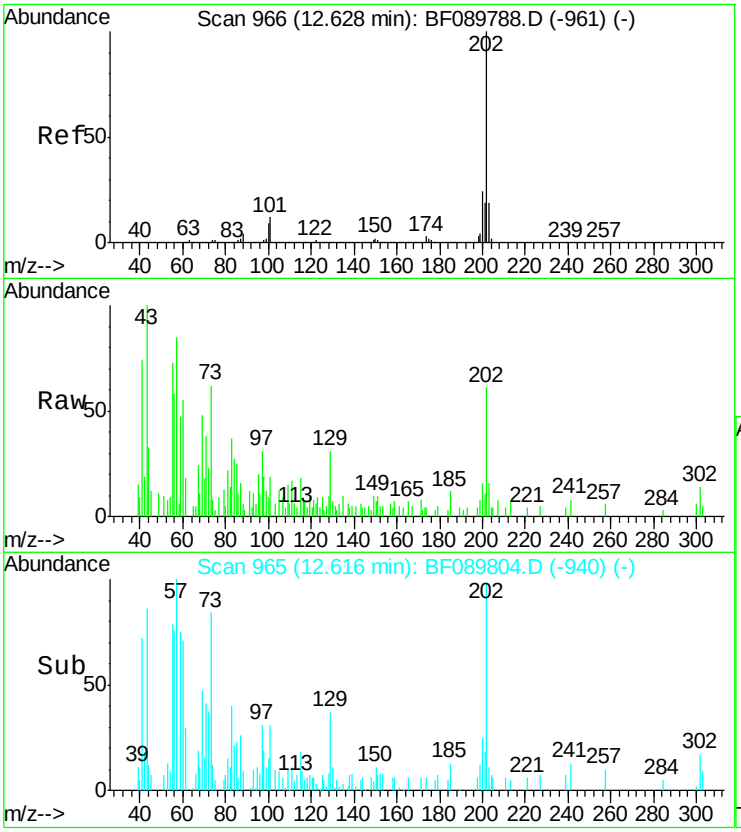


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.06 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:240 Resp: 1192267

Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.3	12.5#
236	26.1	21.3	31.9



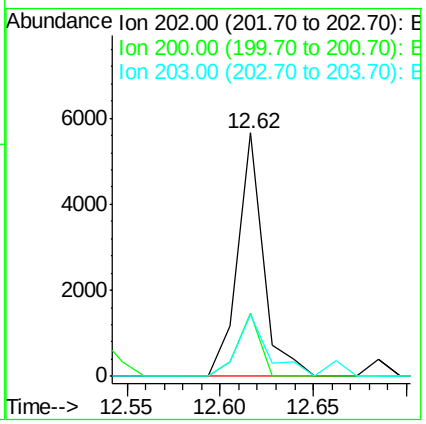


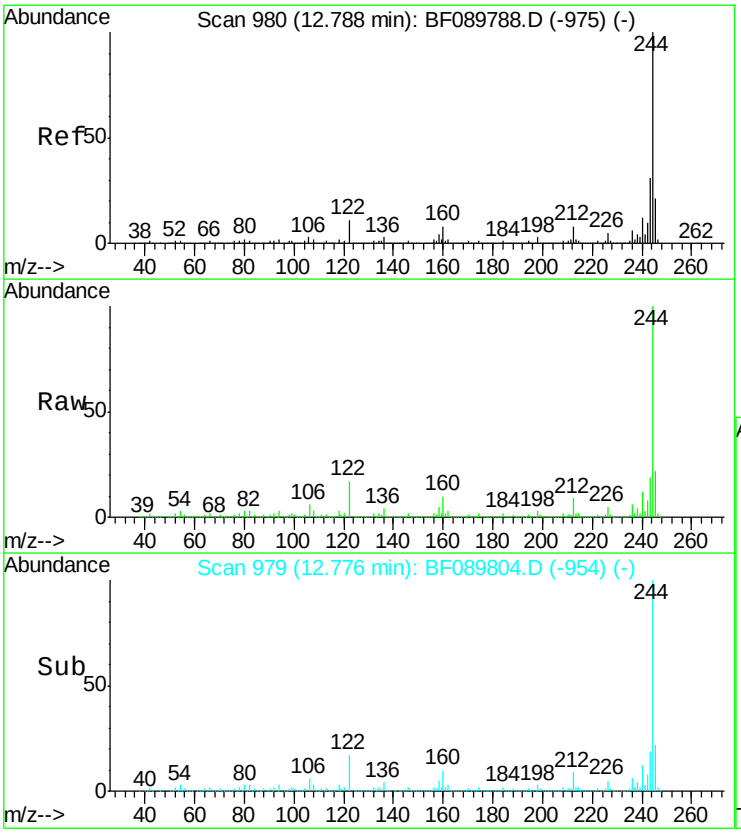
#77
Pyrene
Concen: 0.06 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:202 Resp: 5451

Ion	Ratio	Lower	Upper
202	100		
200	26.0	17.8	26.6
203	25.7	14.2	21.4#

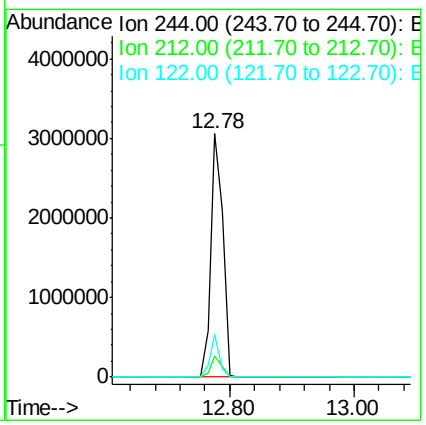


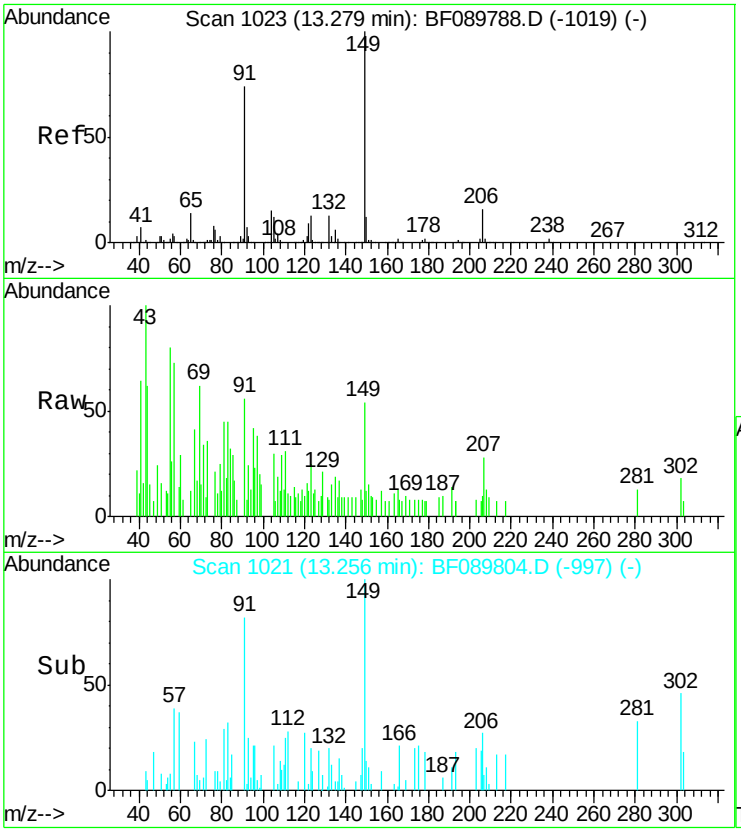


#78
Terphenyl-d14
Concen: 75.71 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:244 Resp: 3989975

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.3	9.5
122	17.4	12.0	18.0



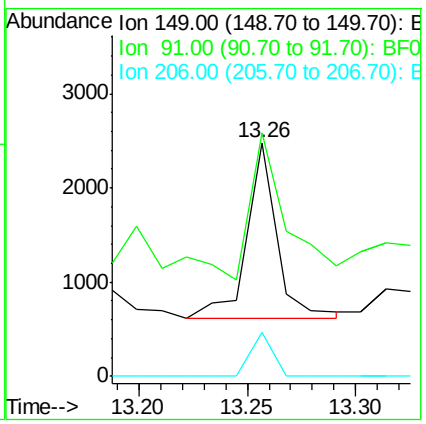


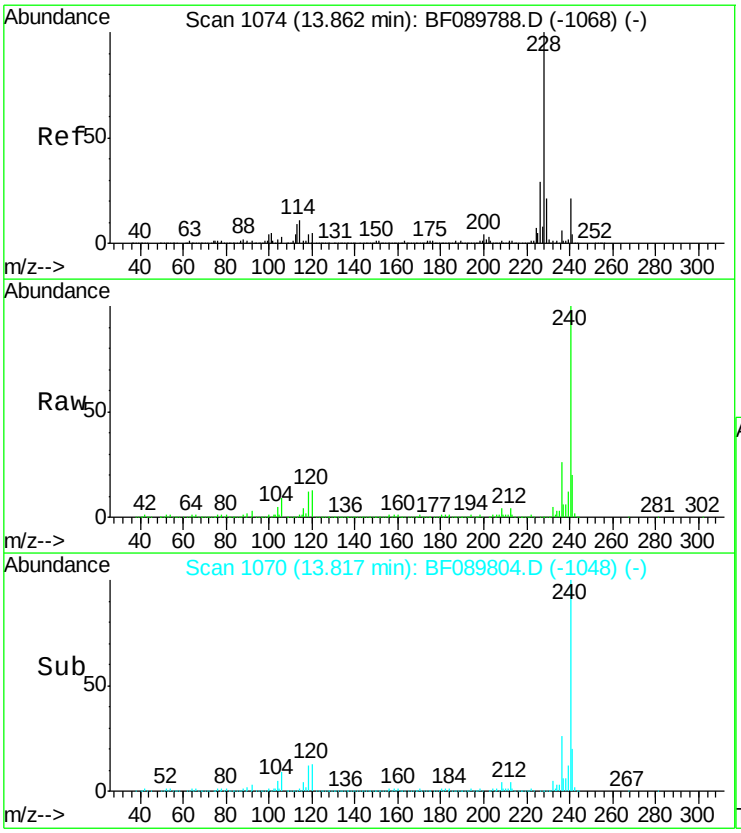
#79
Butylbenzylphthalate
Concen: 0.04 ng
RT: 13.26 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:149 Resp: 1818

Ion	Ratio	Lower	Upper
149	100		
91	104.2	50.7	76.1#
206	19.0	15.5	23.3

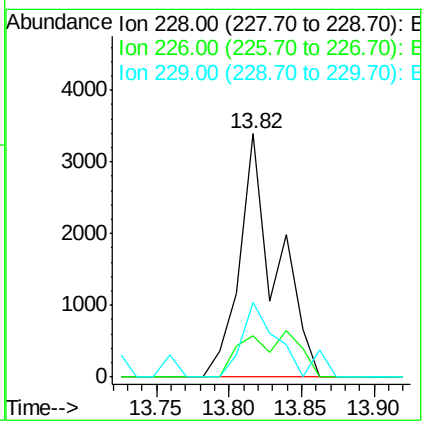


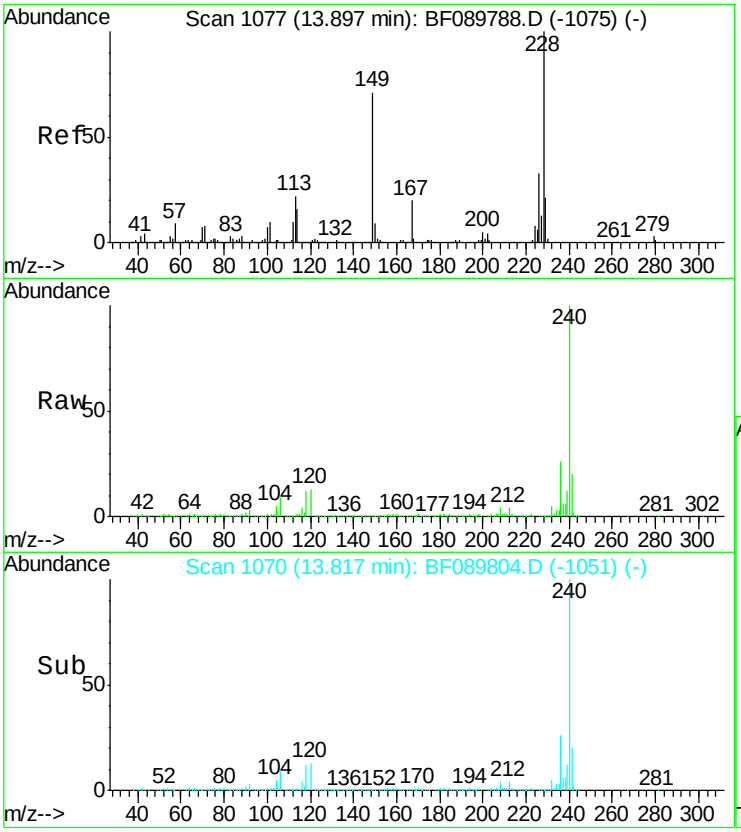


#80
Benzo(a)anthracene
Concen: 0.09 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.05 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:228 Resp: 5920

Ion	Ratio	Lower	Upper
228	100		
226	17.0	23.2	34.8#
229	30.5	16.2	24.4#



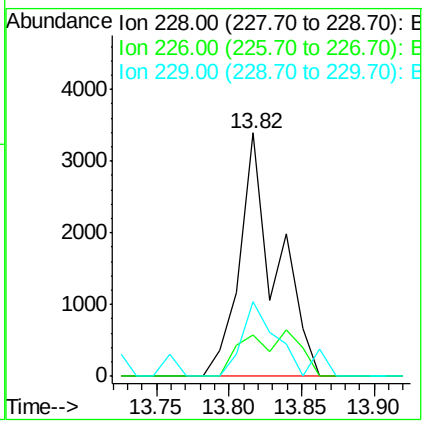


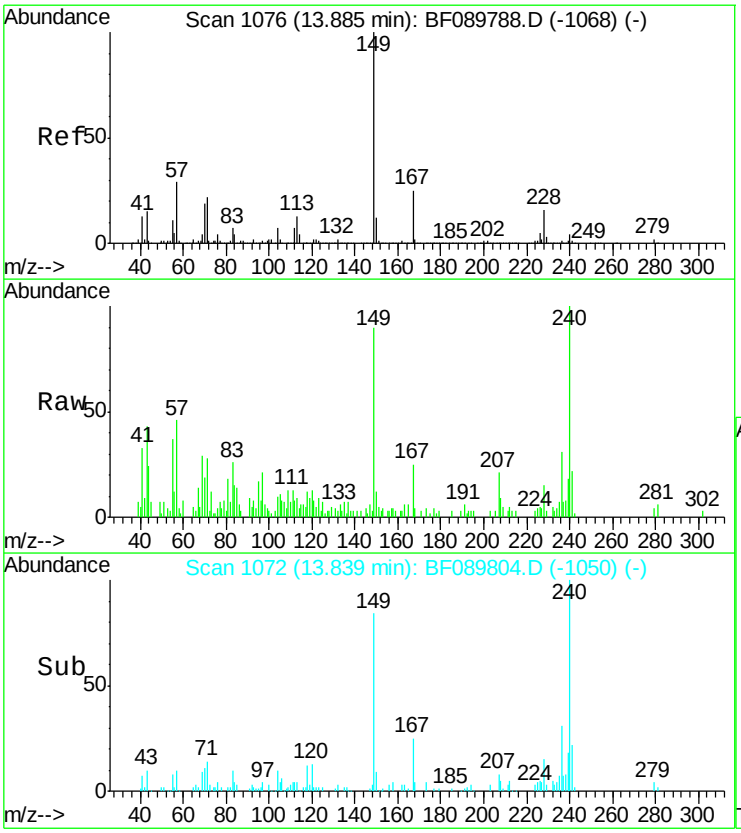
#82
Chrysene
Concen: 0.10 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.08 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:228 Resp: 5920

Ion	Ratio	Lower	Upper
228	100		
226	17.0	25.4	38.0#
229	30.5	16.5	24.7#

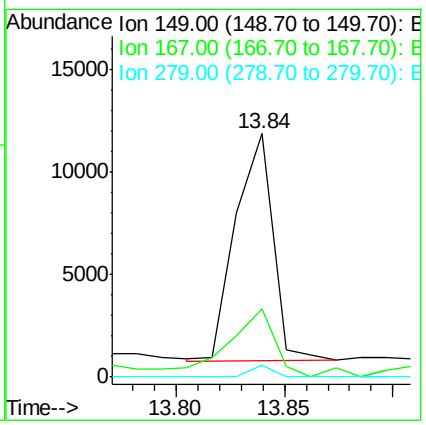


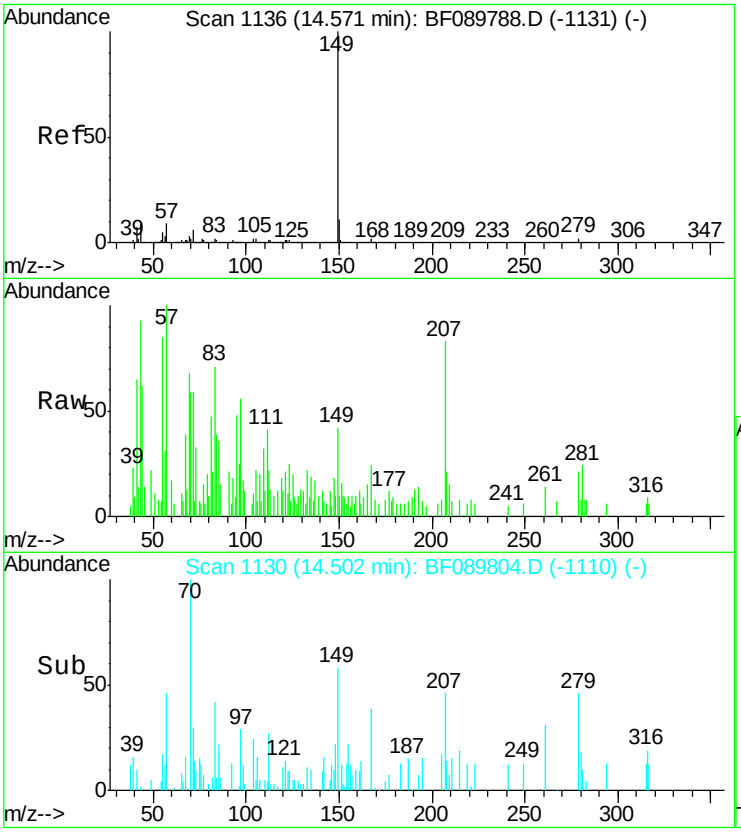


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.22 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.05 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:149 Resp: 13248

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.2	31.8
279	4.7	2.9	4.3#



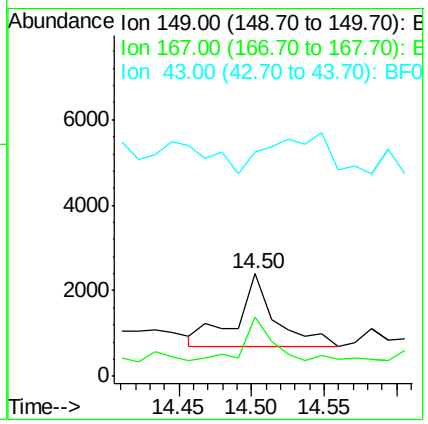


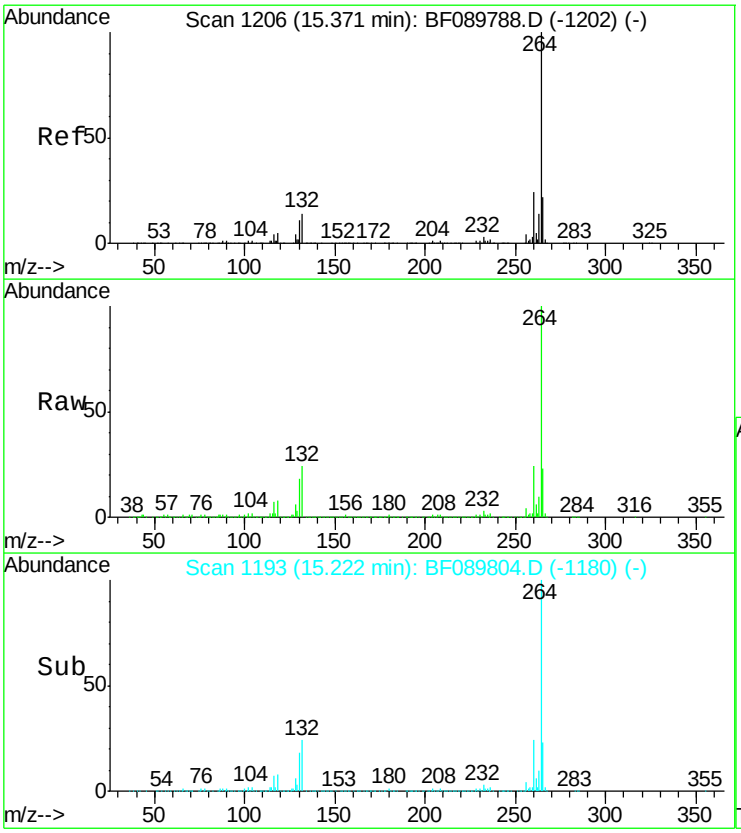
#84
Di-n-octyl phthalate
Concen: 0.04 ng
RT: 14.50 min Scan# 1130
Delta R.T. -0.07 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:149 Resp: 3117

Ion	Ratio	Lower	Upper
149	100		
167	49.1	1.2	1.8#
43	0.0	8.4	12.6#

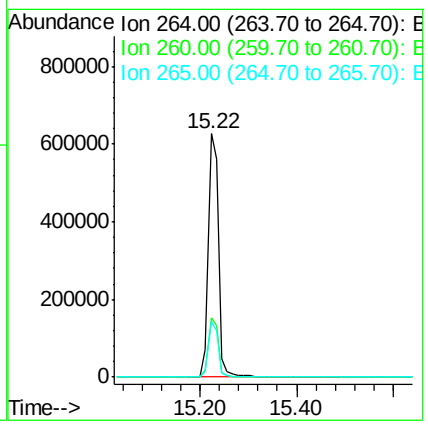


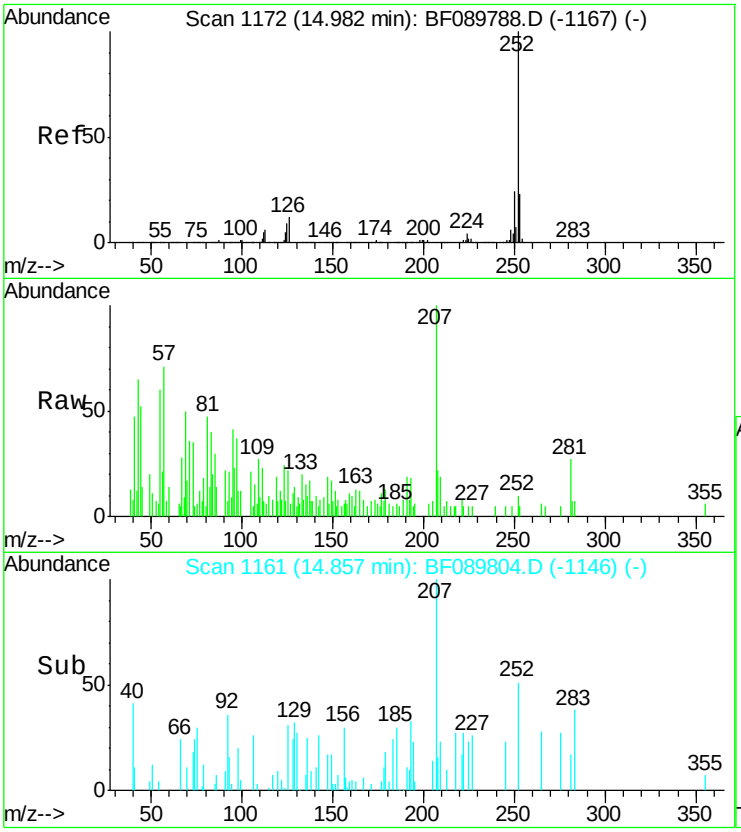


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.15 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:264 Resp: 930113

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.2
265	22.6	17.4	26.2



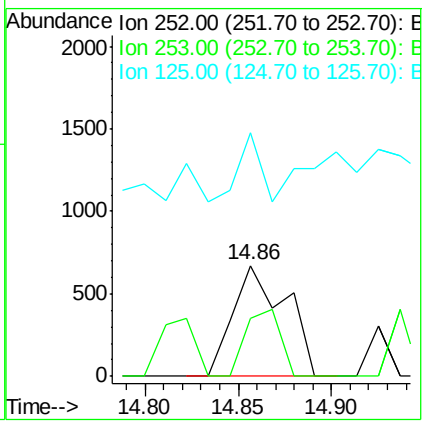


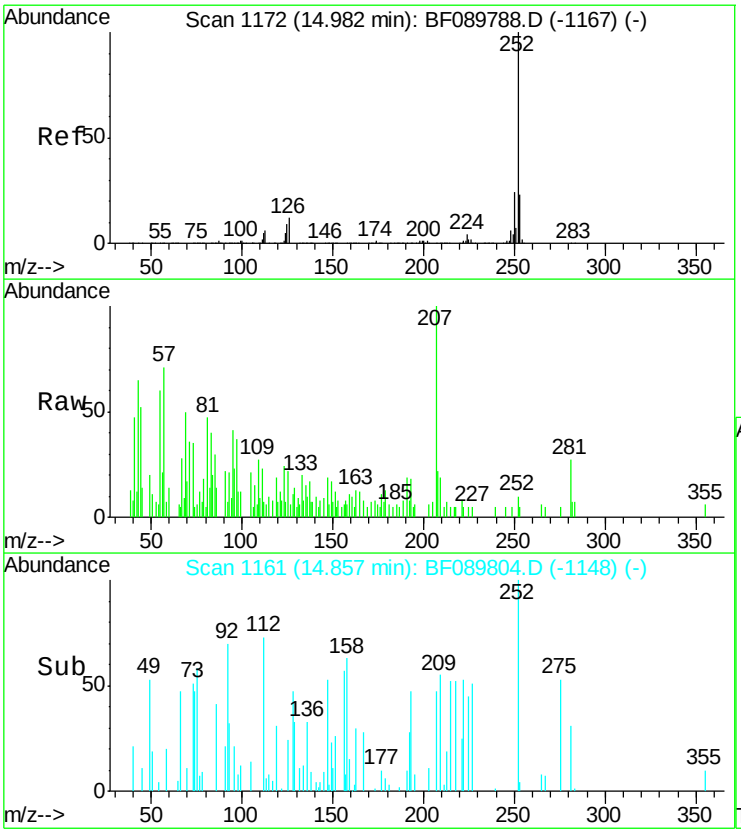
#87
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.13 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:252 Resp: 1319

Ion	Ratio	Lower	Upper
252	100		
253	52.7	17.8	26.8#
125	220.3	11.4	17.2#

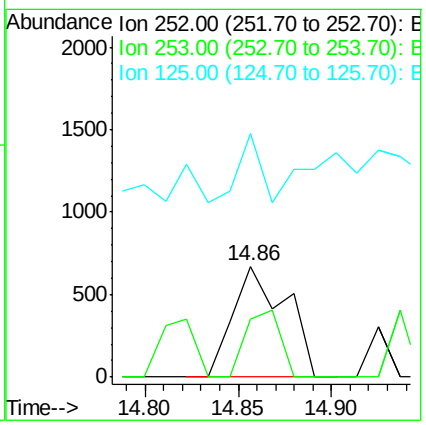


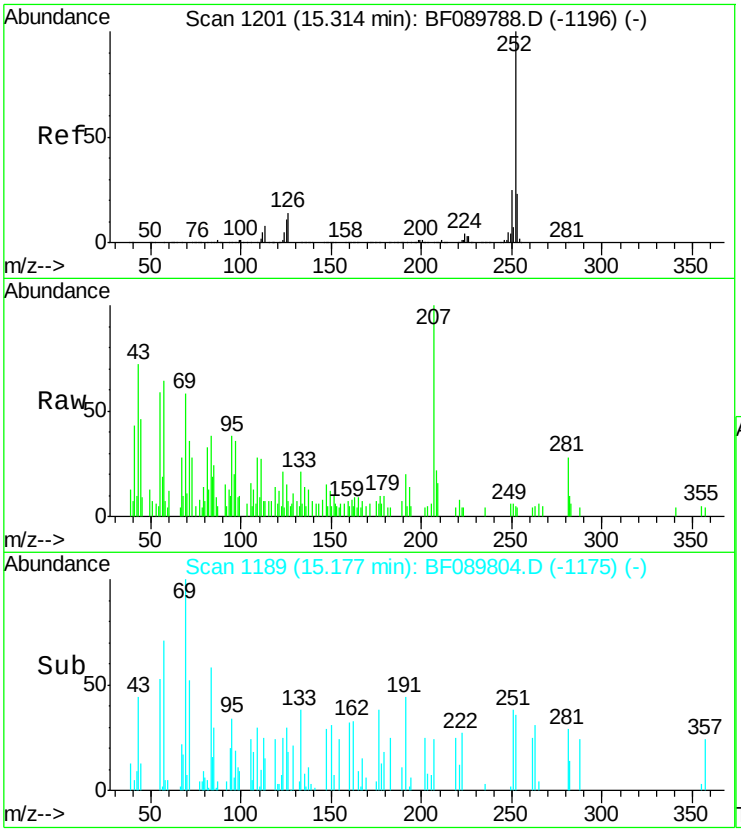


#88
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.15 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:252 Resp: 1319

Ion	Ratio	Lower	Upper
252	100		
253	52.7	18.4	27.6#
125	220.3	9.8	14.6#



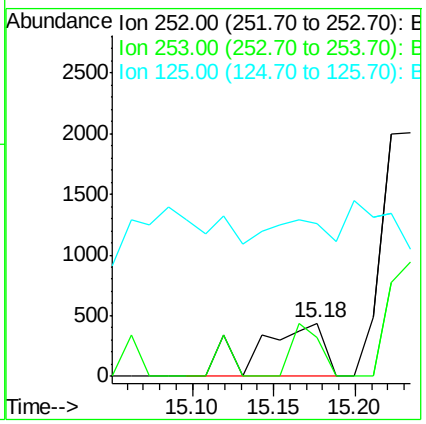


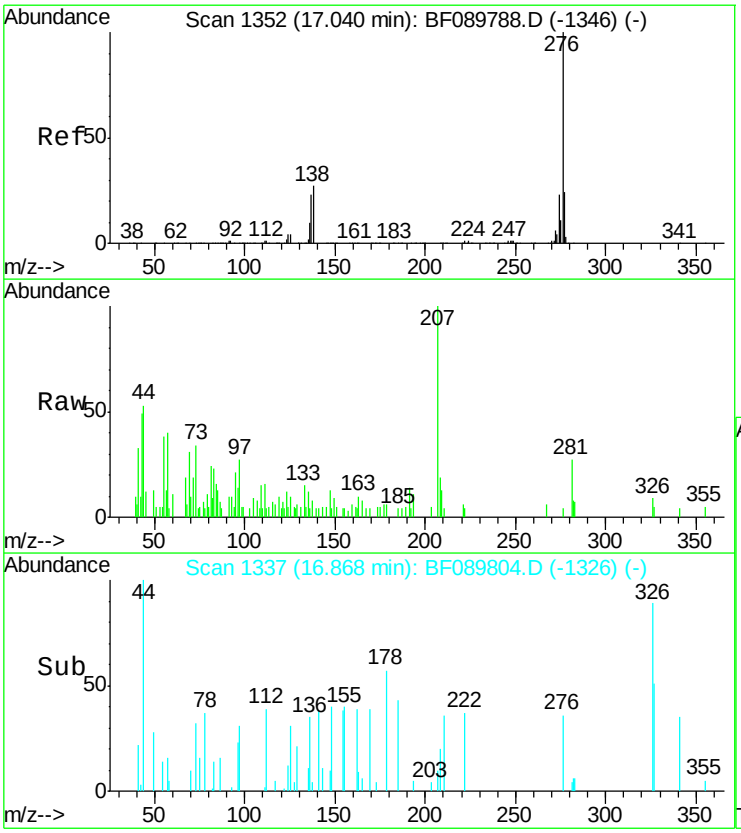
#89
Benzo(a)pyrene
Concen: 0.03 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.14 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Instrument :
BNA_F
ClientSampleId :
SEWER-DISCHARGE-39ST-081516

Tgt Ion:252 Resp: 1230

Ion	Ratio	Lower	Upper
252	100		
253	73.0	17.8	26.8#
125	286.8	11.7	17.5#





#91
Benzo(g,h,i)perylene
Concen: 0.00 ng
RT: 16.87 min Scan# 1337
Delta R.T. -0.17 min
Lab File: BF089804.D
Acq: 19 Aug 2016 19:07

Tgt Ion:276 Resp: 227

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.2	28.8#
138	0.0	22.1	33.1#