Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111117\

Quantitation Report (Not Reviewed)

Data File : BF100444.D
Acq On : 11 Nov 2017 16:50
Operator : SJ/JU
Sample : I6387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWAGE-INJECTION-TANK-WATE

Quant Time: Nov 13 01:09:55 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	145987	20.00	ng		0.04
21) Naphthalene-d8	8.20	136	497275	20.00	ng		0.01
38) Acenaphthene-d10	9.94	164	179187	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	306530	20.00	ng		0.00
75) Chrysene-d12	14.07	240	310421	20.00	ng		0.00
86) Perylene-d12	15.55	264	214188	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	6.63	99	83943	7.47	ng		0.10
23) Nitrobenzene-d5	7.49	82	98594	13.11	ng		0.02
41) 2,4,6-Tribromophenol	10.73	330	26154	14.32	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	172472	14.66	ng		0.00
78) Terphenyl-d14	13.00	244	131809	9.76	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.64	94	131517	11.16	ng		99
15) Benzyl Alcohol	7.10	79	70571	8.05	ng		97
17) 2-Methylphenol	7.10	107	39248	4.77	ng	#	8
19) n-Nitroso-di-n-propylamine	7.33	70	58090	7.46	ng	#	71
20) 3+4-Methylphenols	7.33	107	76564	7.35	ng		90
25) Isophorone	7.49	82	98594	6.24	ng	#	64
26) 2-Nitrophenol	7.70	139	430	5.48	ng	#	1
32) Benzoic acid	7.90	122	35708	14.67	ng		92
47) 2-Nitroaniline	9.47	65	236	2.85	ng	#	2
49) Dimethylphthalate	9.65	163	145748	10.65	ng		98
53) 2,4-Dinitrophenol	9.90	184	466	8.36	ng	#	1
56) 2,4-Dinitrotoluene	9.94	165	23426	6.86	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.54	198	113	8.63	ng	#	1
83) Bis(2-ethylhexyl)phthalate	14.04	149	39829	3.36	ng		98

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

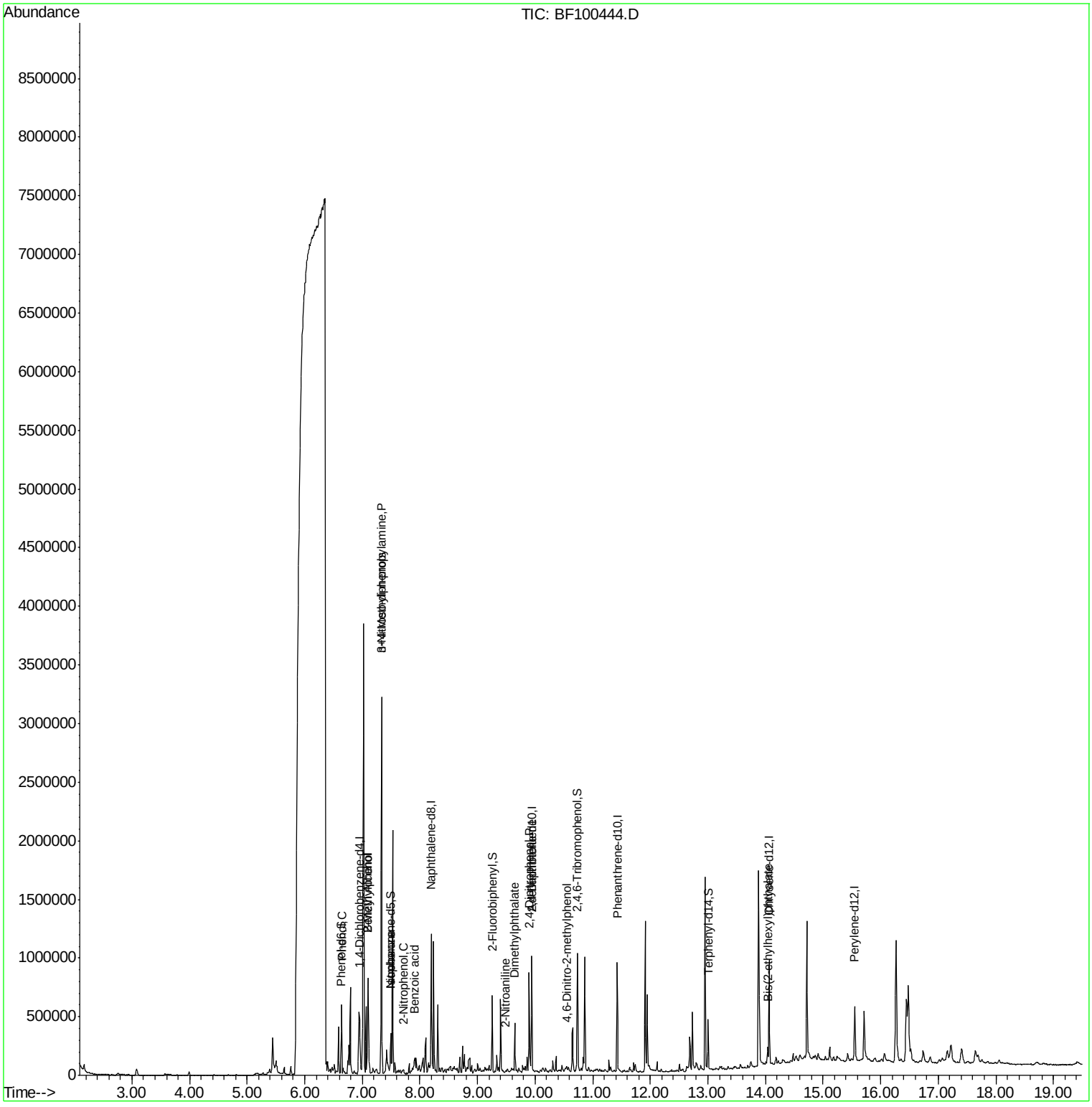
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111117\

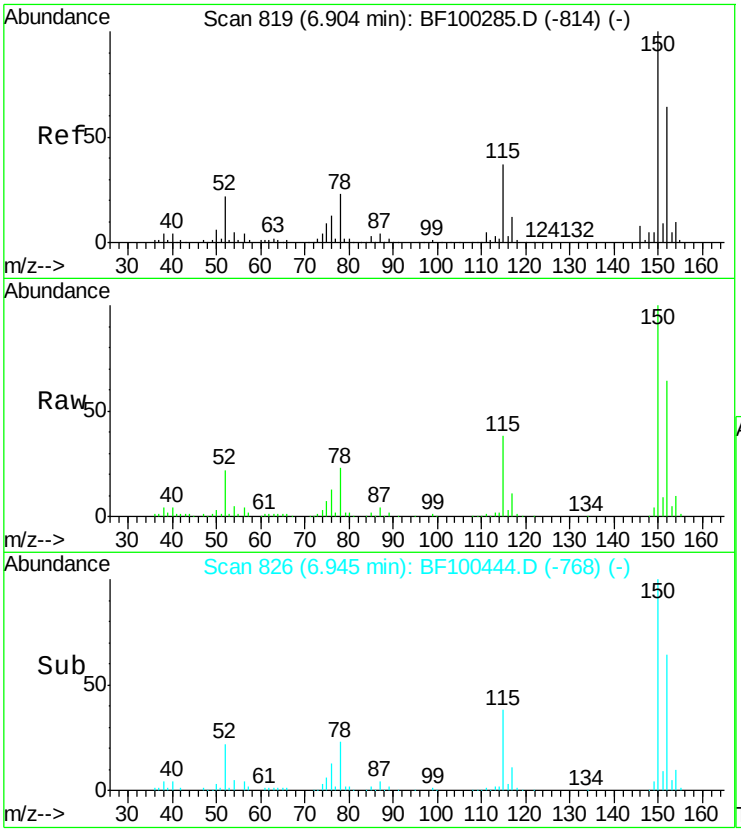
Quantitation Report (Not Reviewed)

Data File : BF100444.D
Acq On : 11 Nov 2017 16:50
Operator : SJ/JU
Sample : I6387-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEWAGE-INJECTION-TANK-WATE

Quant Time: Nov 13 01:09:55 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration



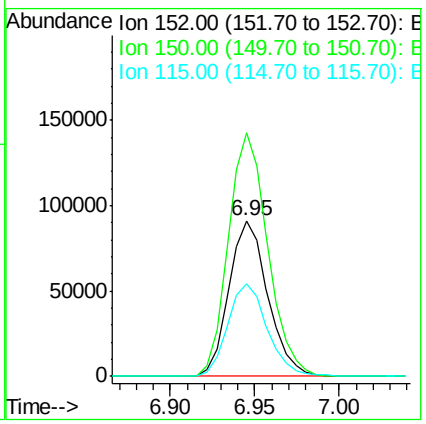


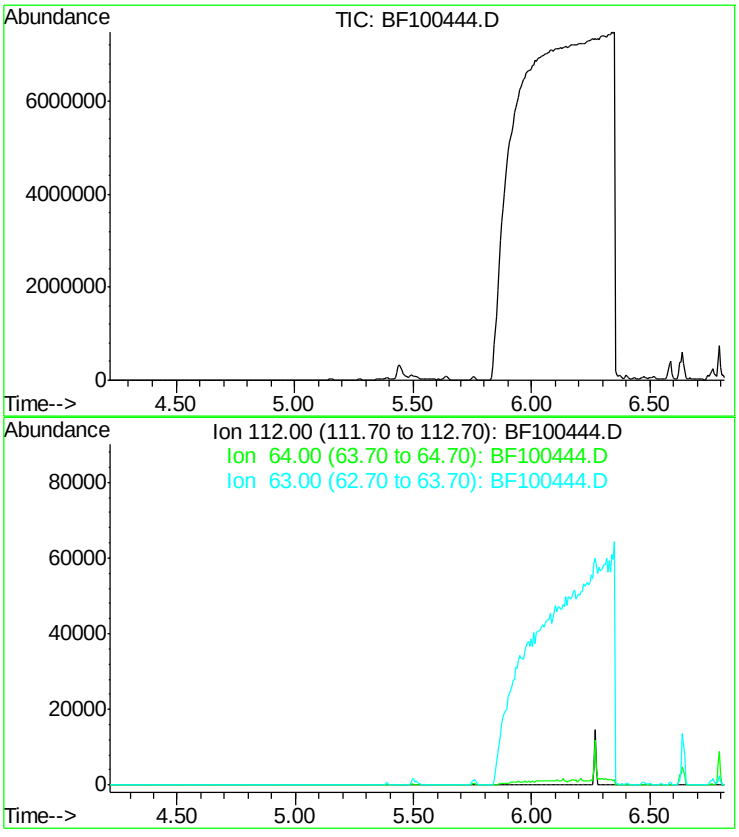
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.04 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SEWAGE-INJECTION-TANK-WATE

Tgt Ion:152 Resp: 145987

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	59.7	50.1	75.1



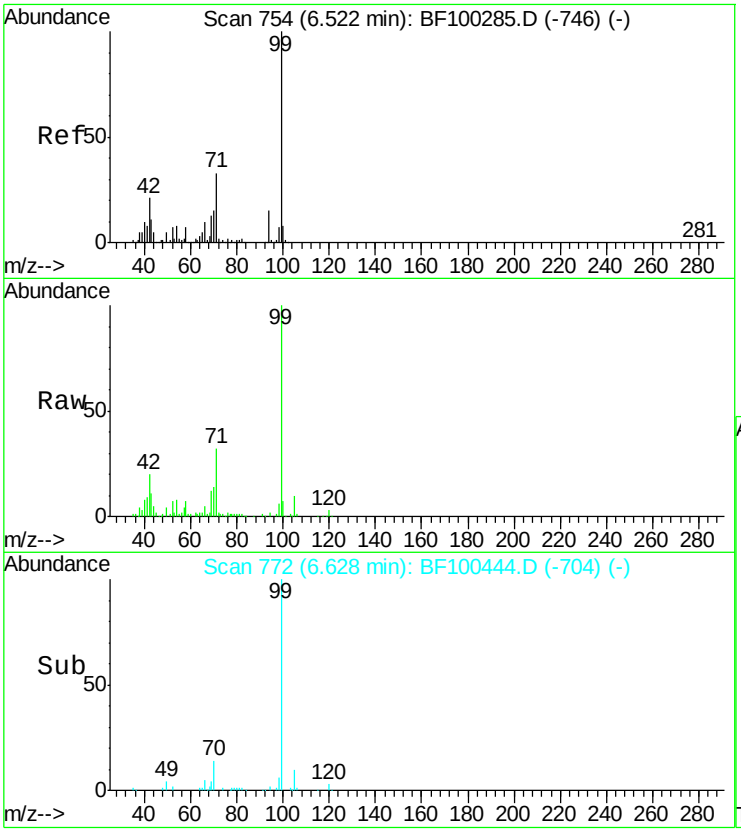


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.52 min

Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	59.9
63	29.6

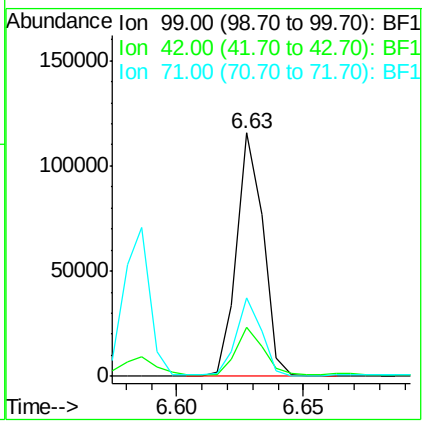


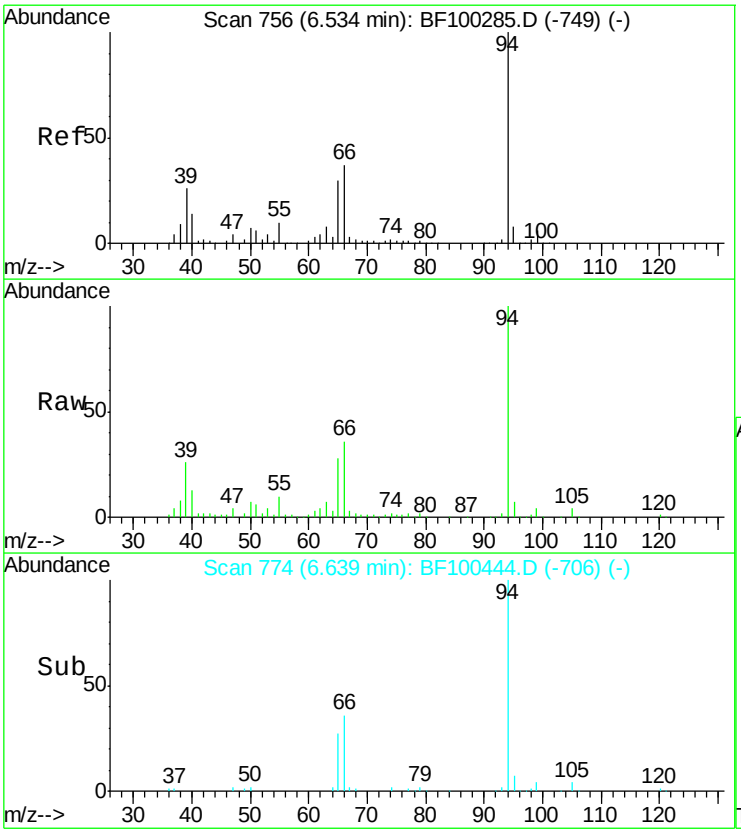
#7
Phenol-d6
Concen: 7.47 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.10 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SEWAGE-INJECTION-TANK-WATE

Tgt Ion: 99 Resp: 83943

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	32.2	25.4	38.0

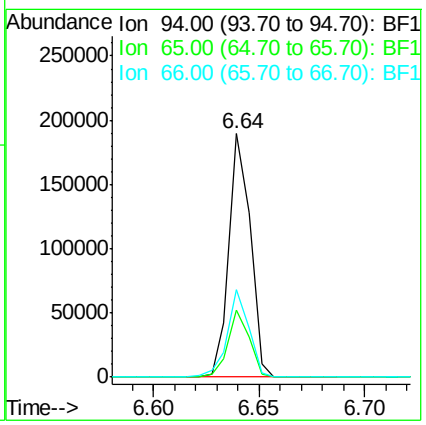


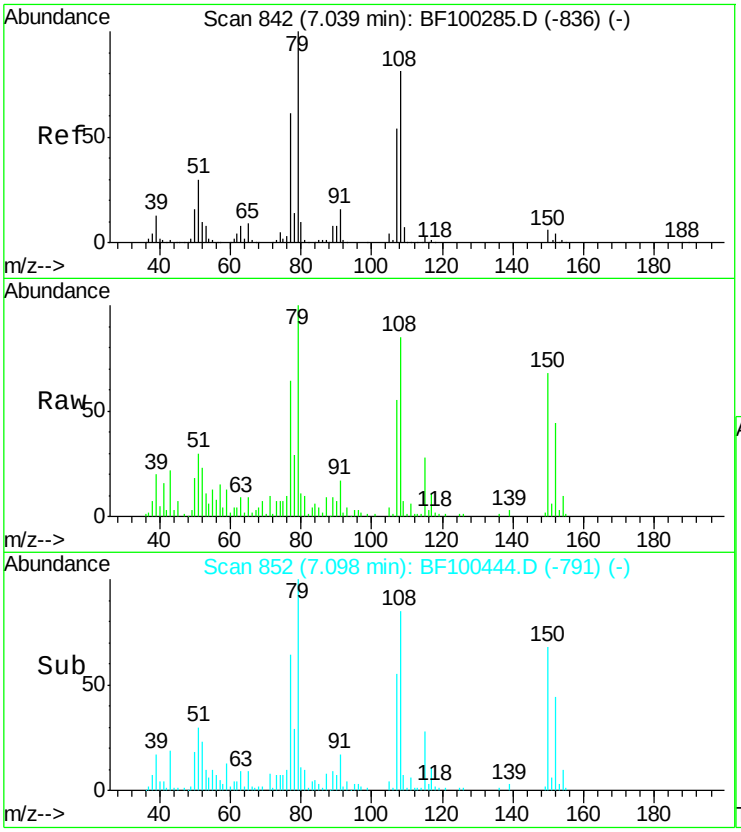


#10
Phenol
Concen: 11.16 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.10 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Tgt Ion: 94 Resp: 131517

Ion	Ratio	Lower	Upper
94	100		
65	27.7	7.9	47.9
66	35.8	16.2	56.2



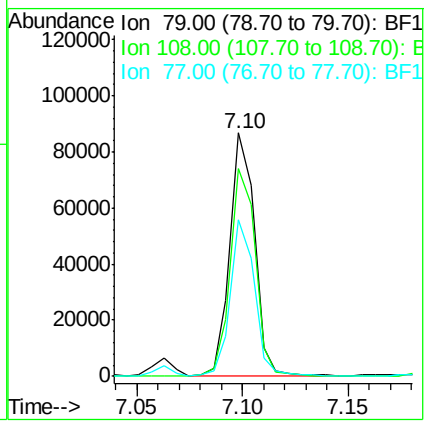


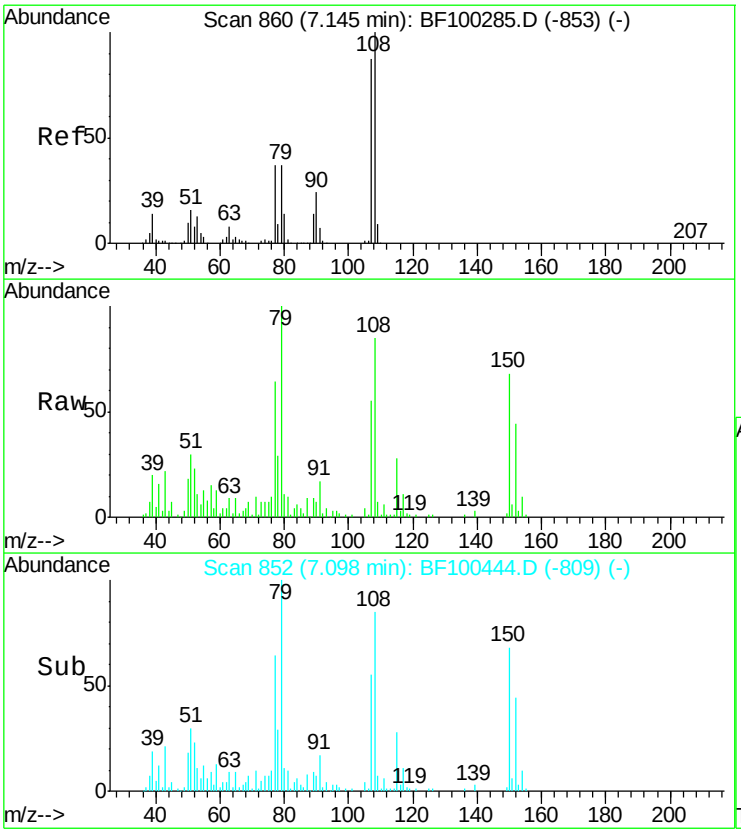
#15
Benzyl Alcohol
Concen: 8.05 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.06 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SEWAGE-INJECTION-TANK-WATE

Tgt Ion: 79 Resp: 70571

Ion	Ratio	Lower	Upper
79	100		
108	85.4	65.1	97.7
77	64.4	50.6	75.8

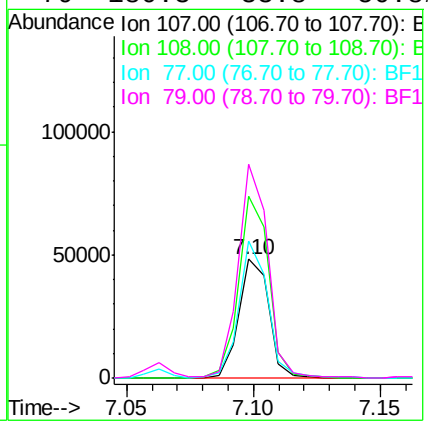


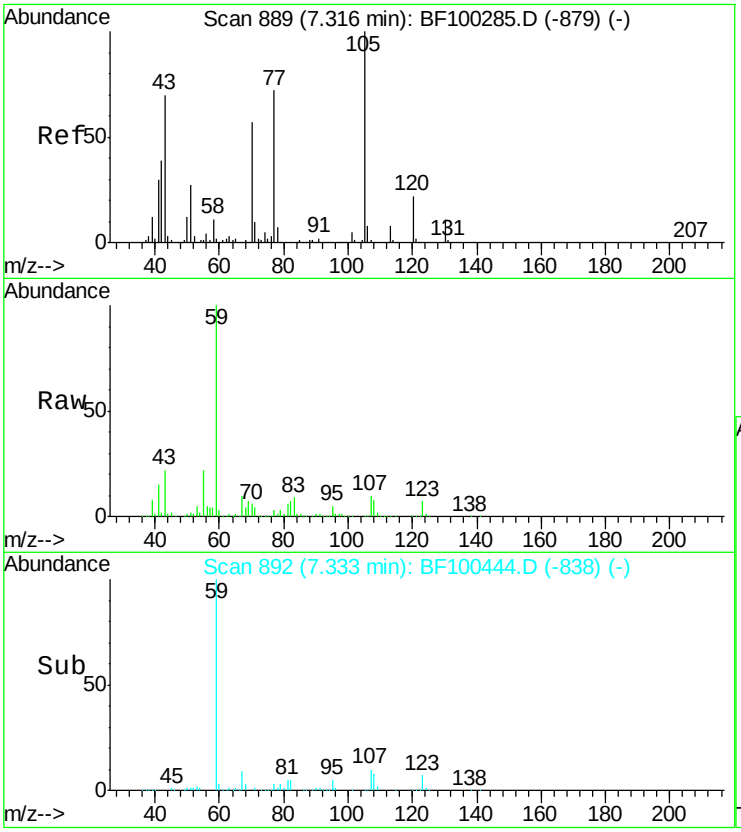


#17
2-Methylphenol
Concen: 4.77 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.05 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Tgt Ion:107 Resp: 39248

Ion	Ratio	Lower	Upper
107	100		
108	153.9	91.7	137.5#
77	116.1	33.8	50.8#
79	180.3	33.8	50.8#



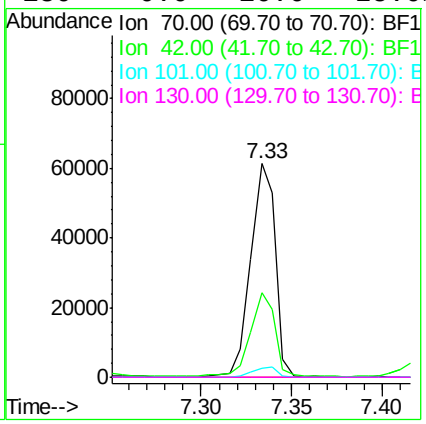


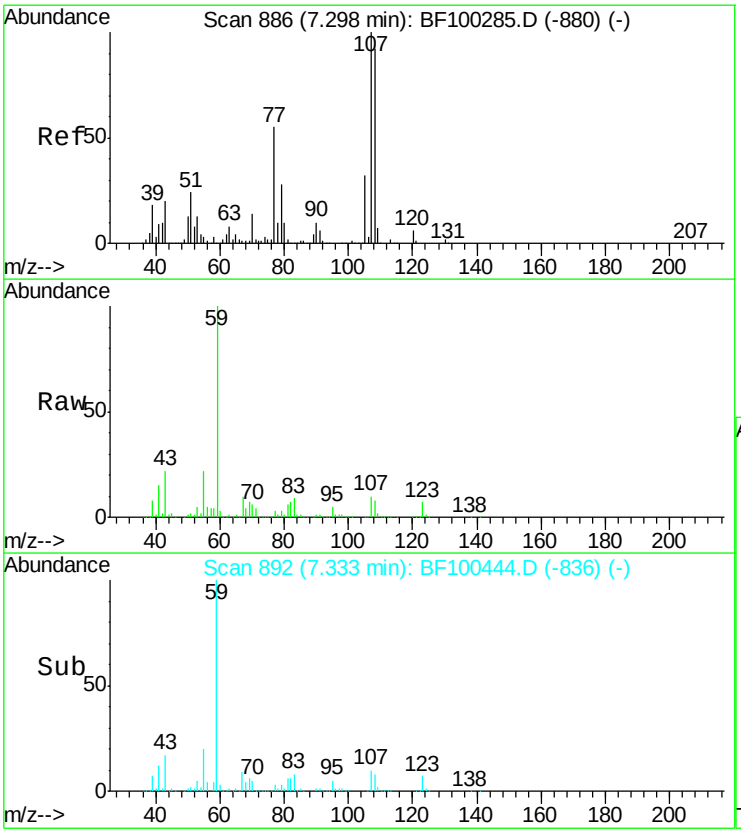
#19
n-Nitroso-di-n-propylamine
Concen: 7.46 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.02 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SEWAGE-INJECTION-TANK-WATE

Tgt Ion: 70 Resp: 58090

Ion	Ratio	Lower	Upper
70	100		
42	39.6	47.5	71.3#
101	4.5	7.4	11.2#
130	0.0	16.6	25.0#

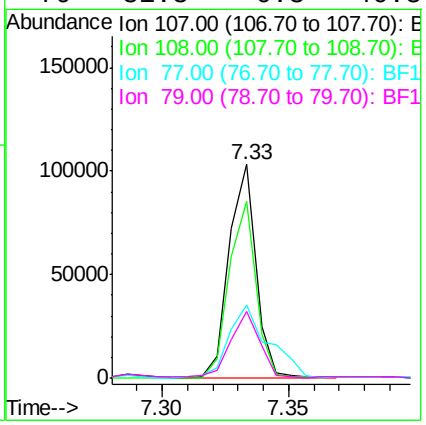


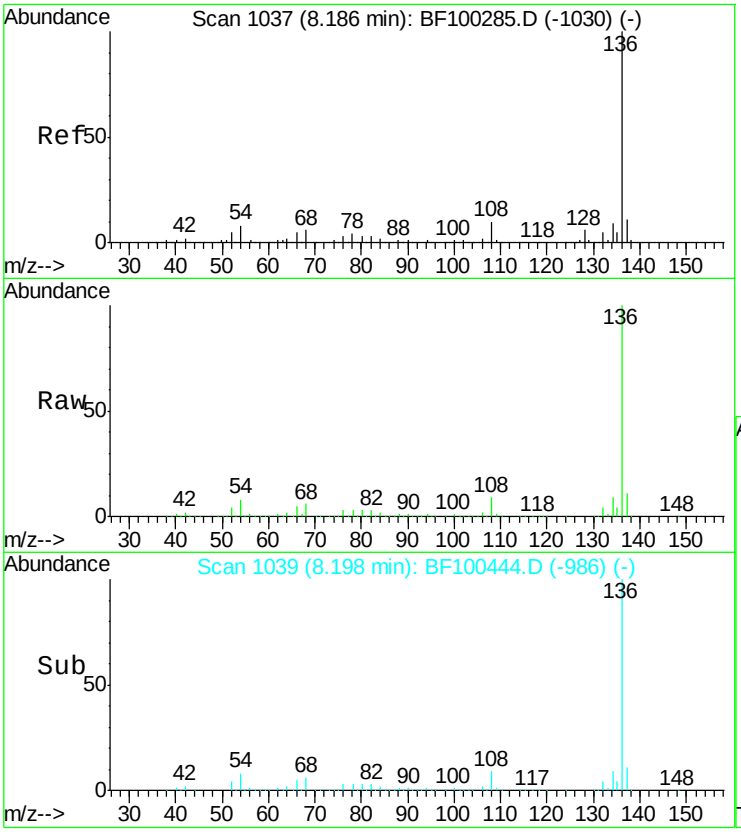


#20
3+4-Methylphenols
Concen: 7.35 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.03 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Tgt Ion:107 Resp: 76564

Ion	Ratio	Lower	Upper
107	100		
108	82.5	68.2	108.2
77	34.4	26.7	66.7
79	31.3	6.3	46.3



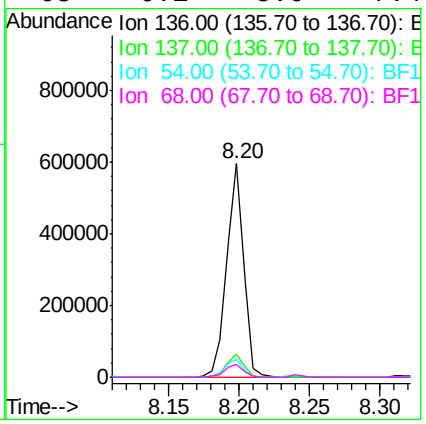


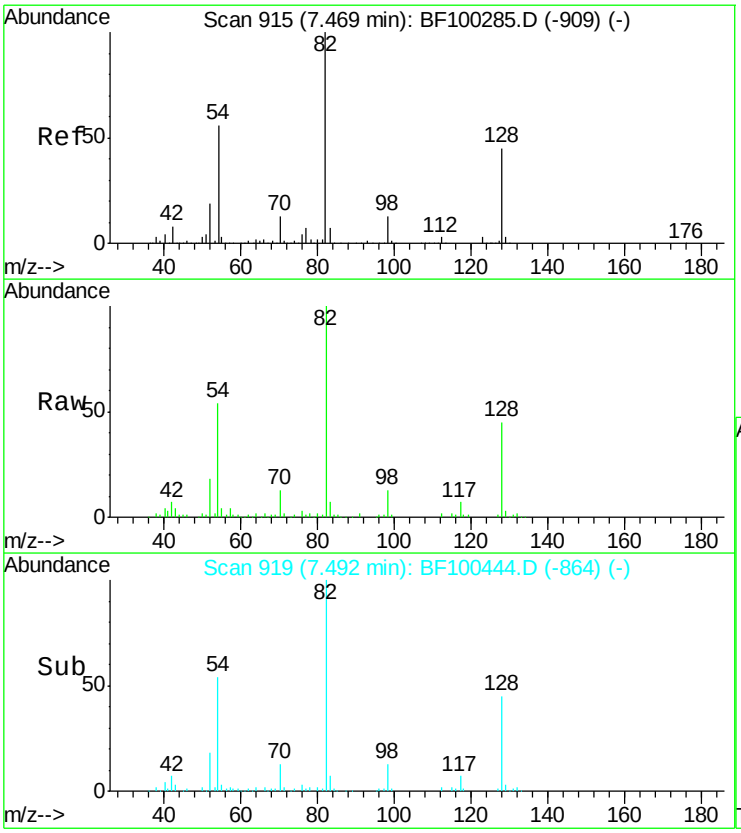
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SEWAGE-INJECTION-TANK-WATE

Tgt Ion:136 Resp: 497275

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.5	6.6	9.8
68	6.1	5.0	7.4

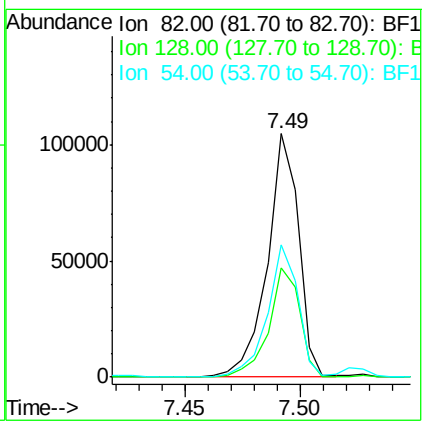


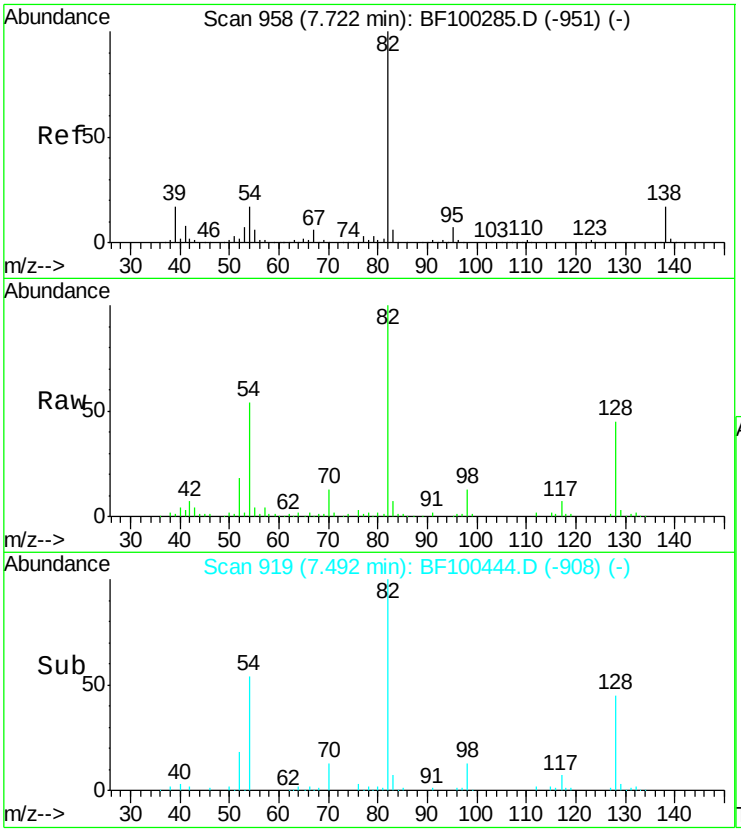


#23
Nitrobenzene-d5
Concen: 13.11 ng
RT: 7.49 min Scan# 919
Delta R.T. 0.02 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Tgt Ion: 82 Resp: 98594

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	54.1	41.4	62.2



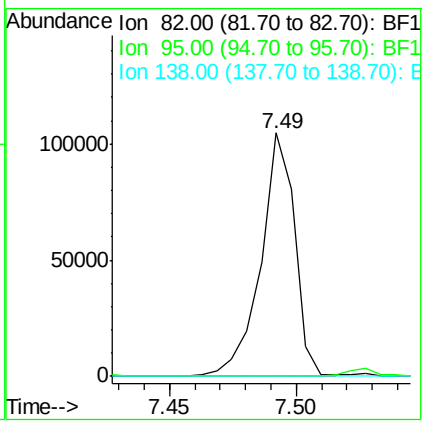


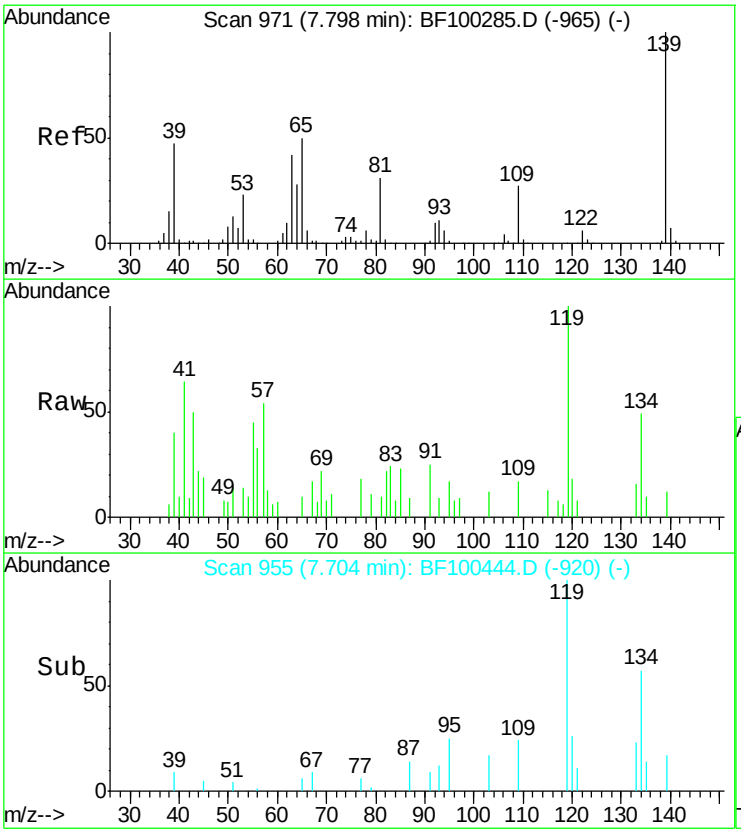
#25
Isophorone
Concen: 6.24 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.24 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SEWAGE-INJECTION-TANK-WATE

Tgt Ion: 82 Resp: 98594

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.2	7.8#
138	0.0	14.9	22.3#

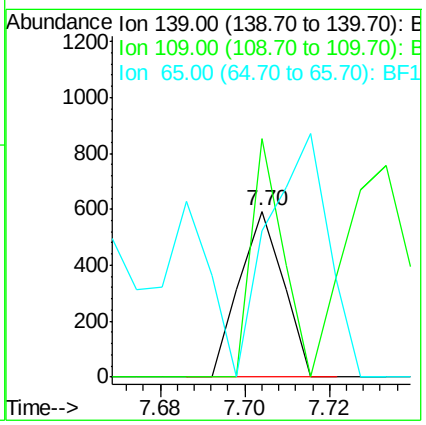


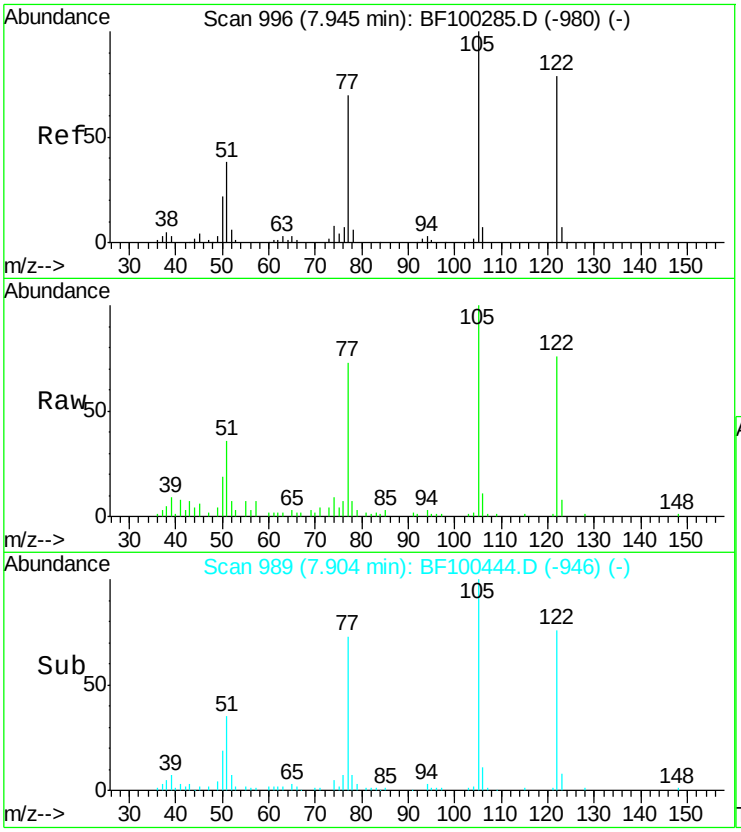


#26
2-Nitrophenol
Concen: 5.48 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.09 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Tgt Ion:139 Resp: 430

Ion	Ratio	Lower	Upper
139	100		
109	143.5	22.7	34.1#
65	88.0	40.5	60.7#



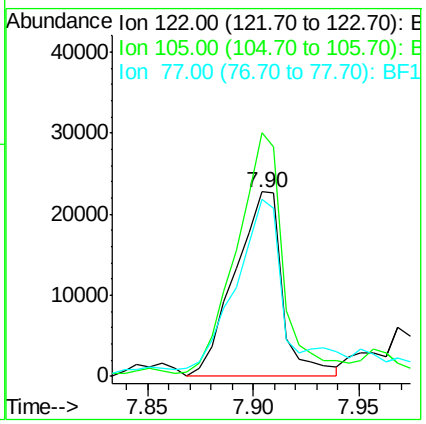


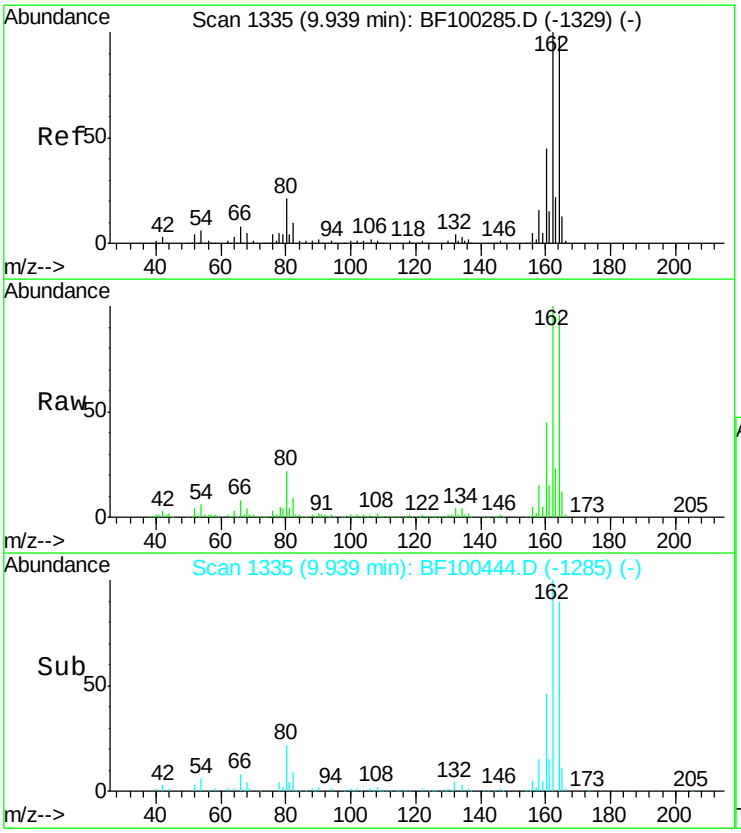
#32
Benzoic acid
Concen: 14.67 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.05 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SEWAGE-INJECTION-TANK-WATE

Tgt Ion:122 Resp: 35708

Ion	Ratio	Lower	Upper
122	100		
105	131.8	101.1	141.1
77	95.6	70.7	110.7

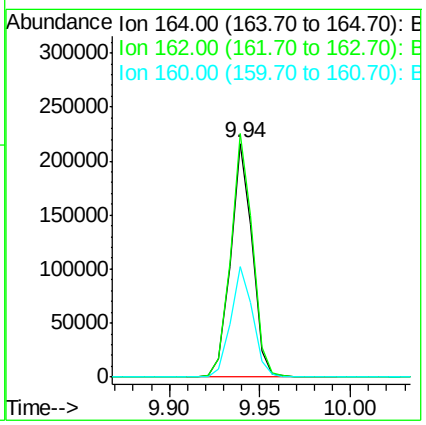


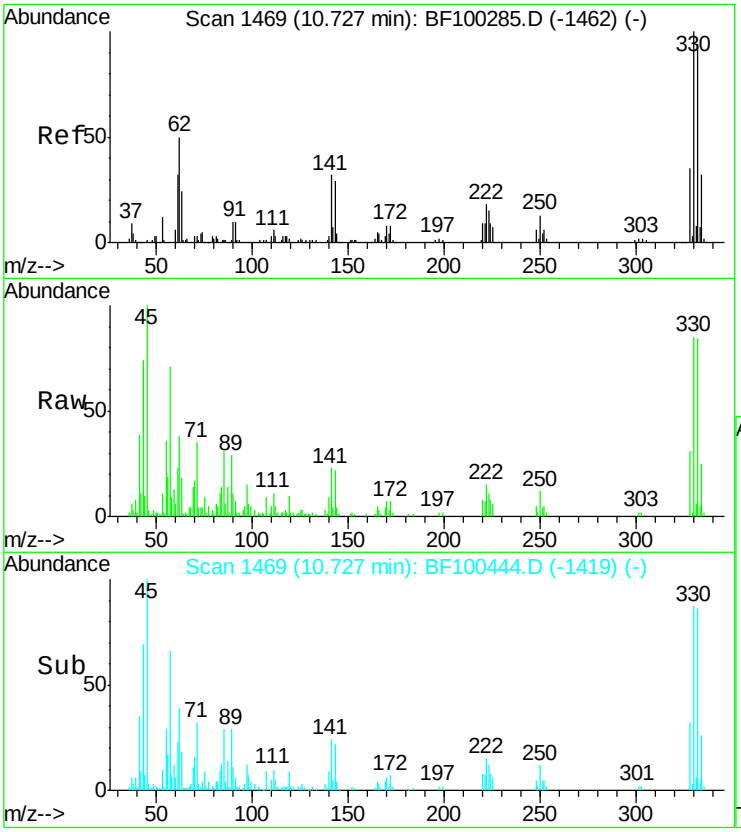


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Tgt Ion:164 Resp: 179187

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	47.2	38.3	57.5



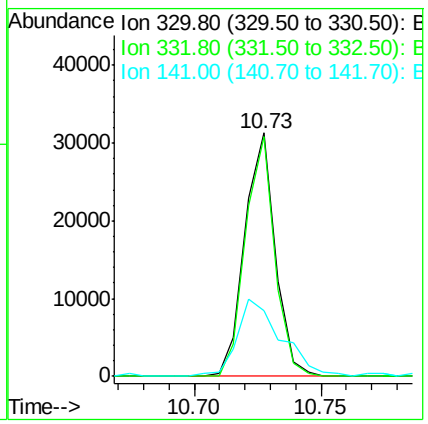


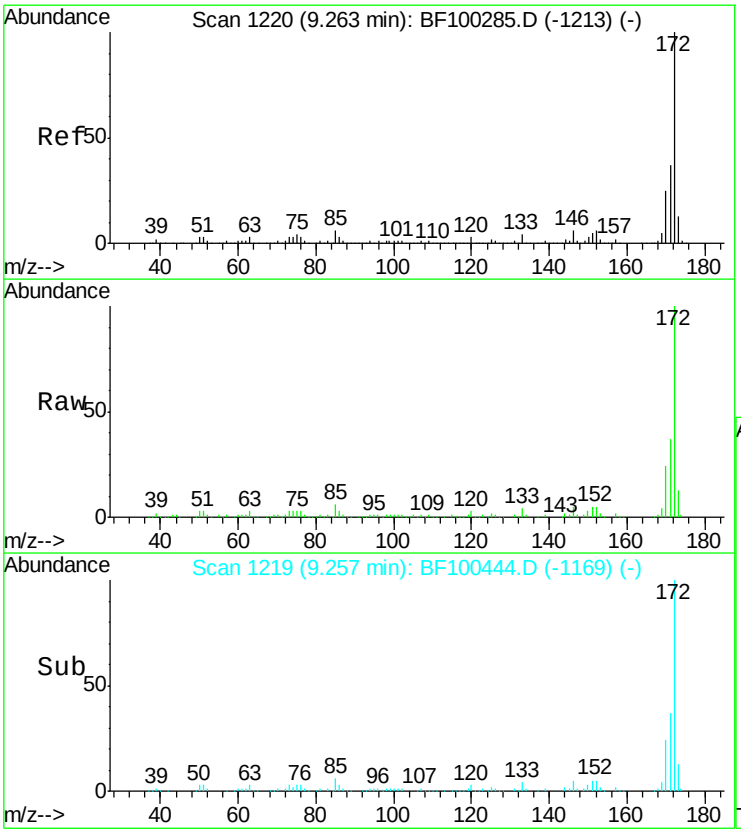
#41
2,4,6-Tribromophenol
Concen: 14.32 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SEWAGE-INJECTION-TANK-WATE

Tgt Ion:330 Resp: 26154

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	46.0	29.9	44.9#

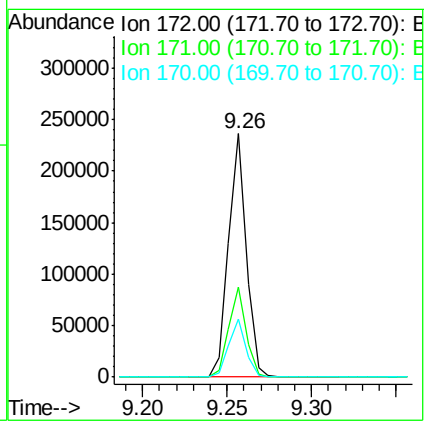


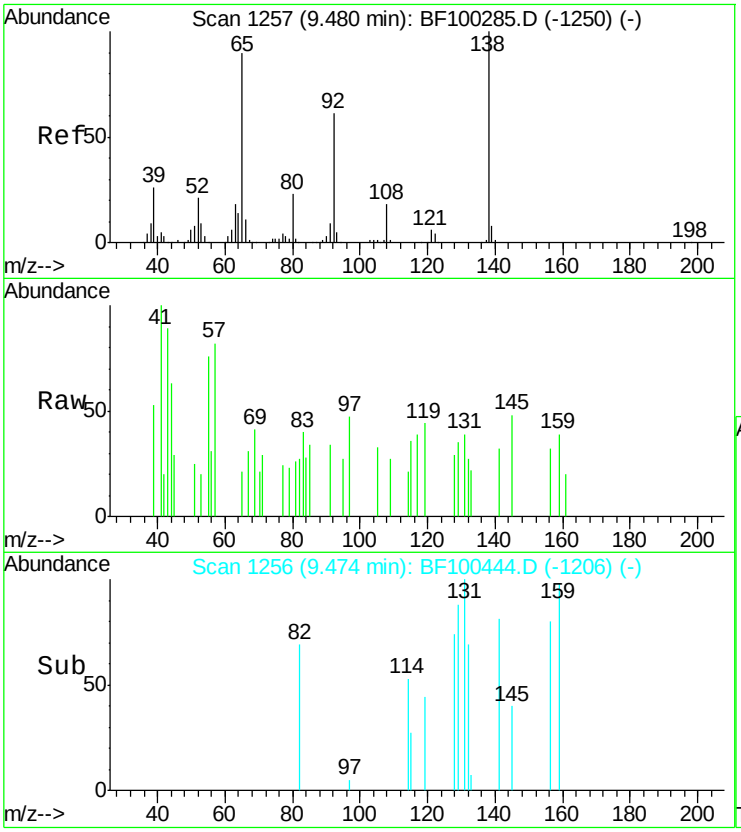


#44
2-Fluorobiphenyl
Concen: 14.66 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Tgt Ion:172 Resp: 172472

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.1	19.6	29.4



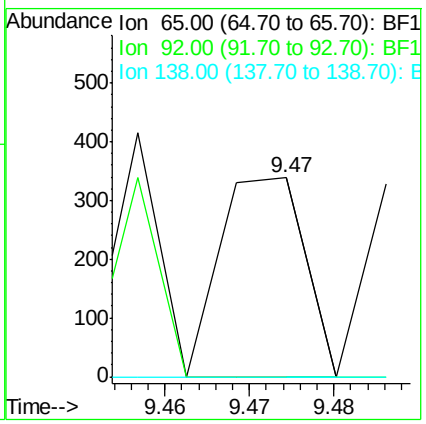


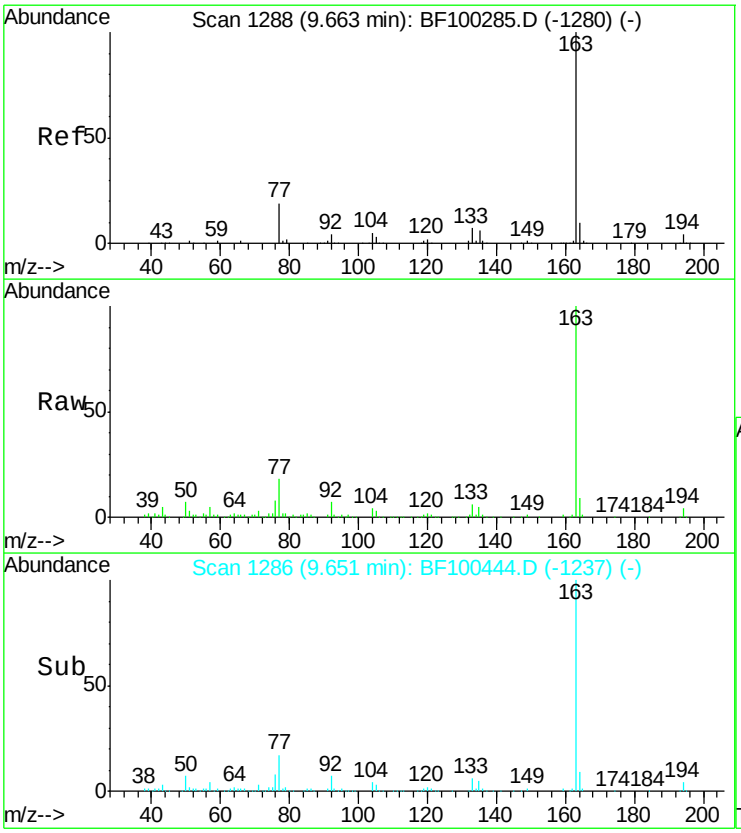
#47
2-Nitroaniline
Concen: 2.85 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SEWAGE-INJECTION-TANK-WATE

Tgt Ion: 65 Resp: 236

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#

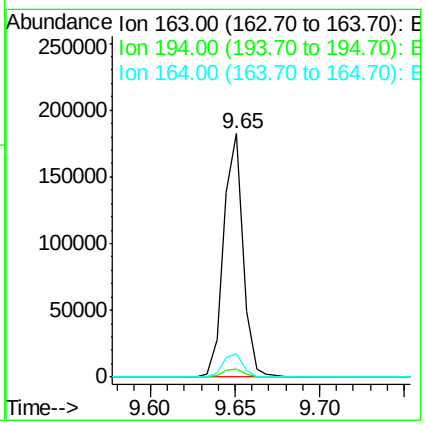


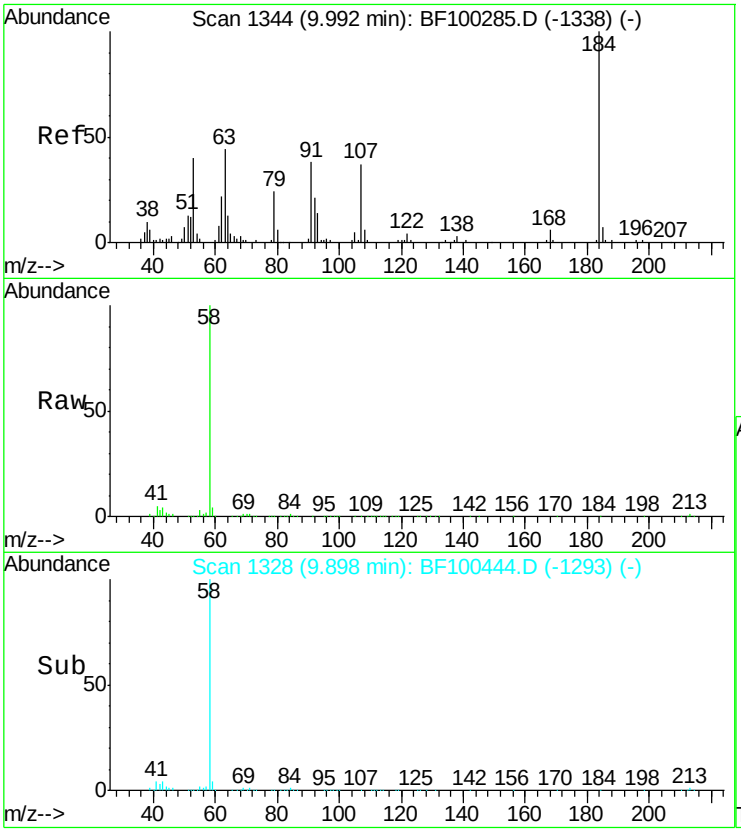


#49
Dimethylphthalate
Concen: 10.65 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Tgt Ion:163 Resp: 145748

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.4	8.2	12.2



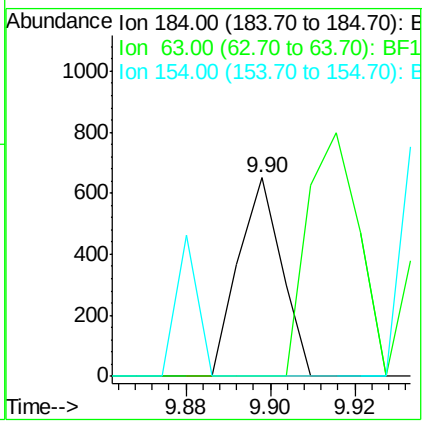


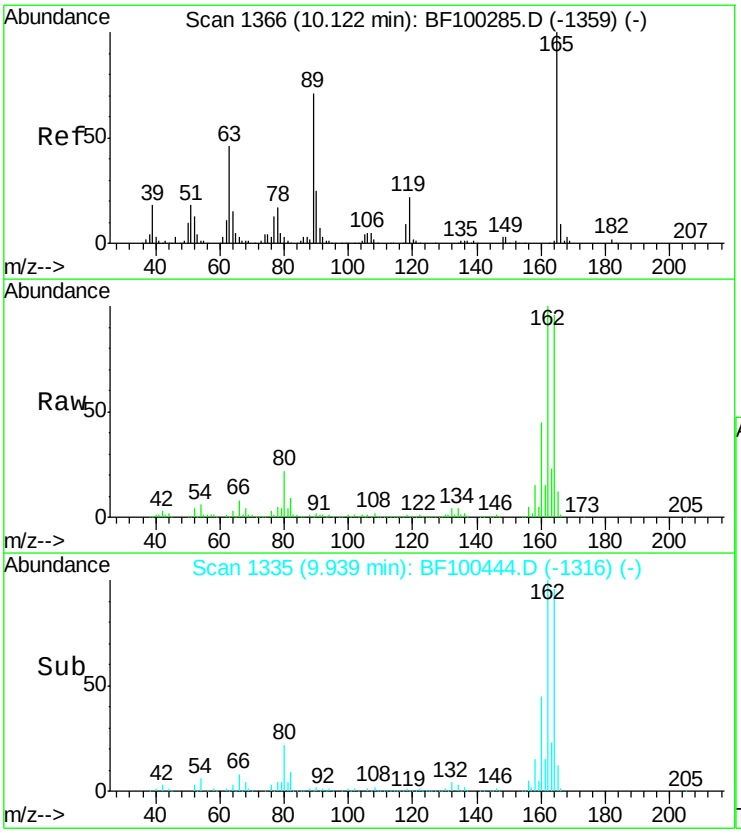
#53
2,4-Dinitrophenol
Concen: 8.36 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.09 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SEWAGE-INJECTION-TANK-WATE

Tgt Ion:184 Resp: 466

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	184.0	276.0#

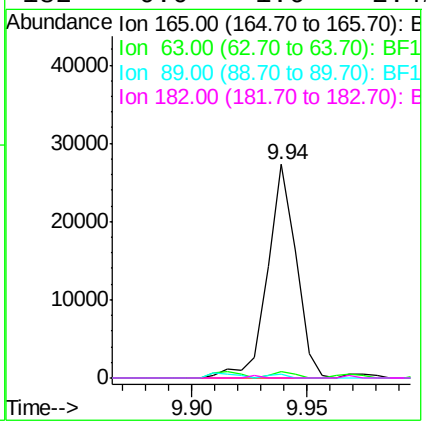


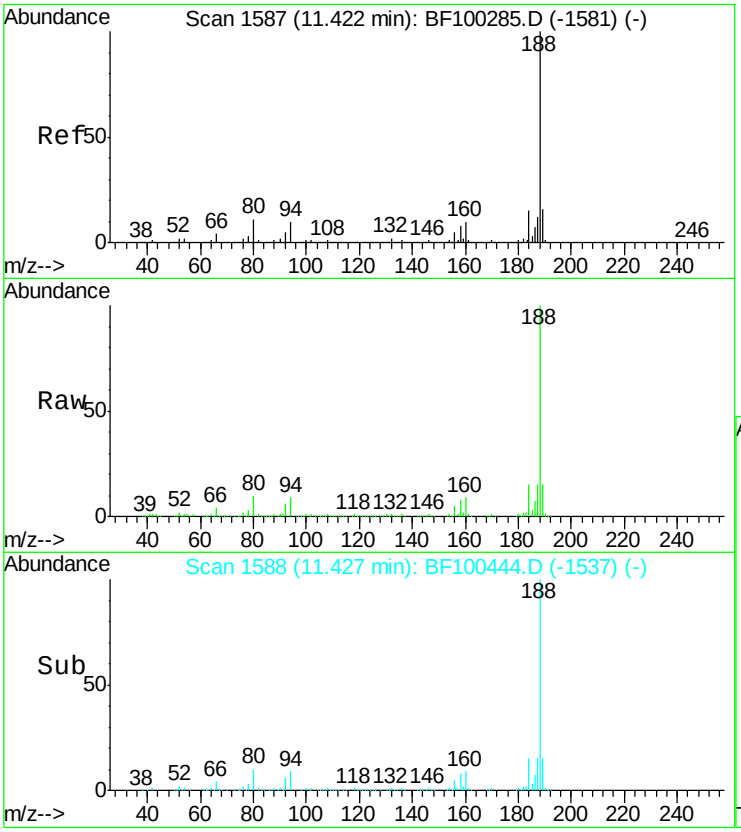


#56
2,4-Dinitrotoluene
Concen: 6.86 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Tgt Ion:165 Resp: 23426

Ion	Ratio	Lower	Upper
165	100		
63	3.0	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



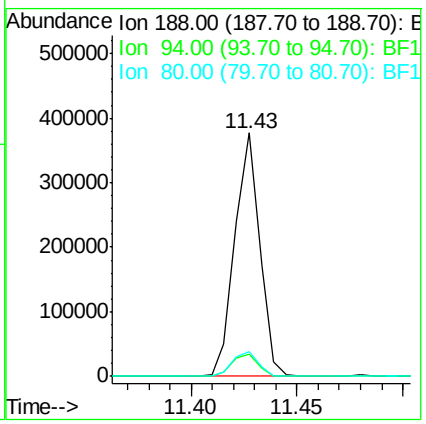


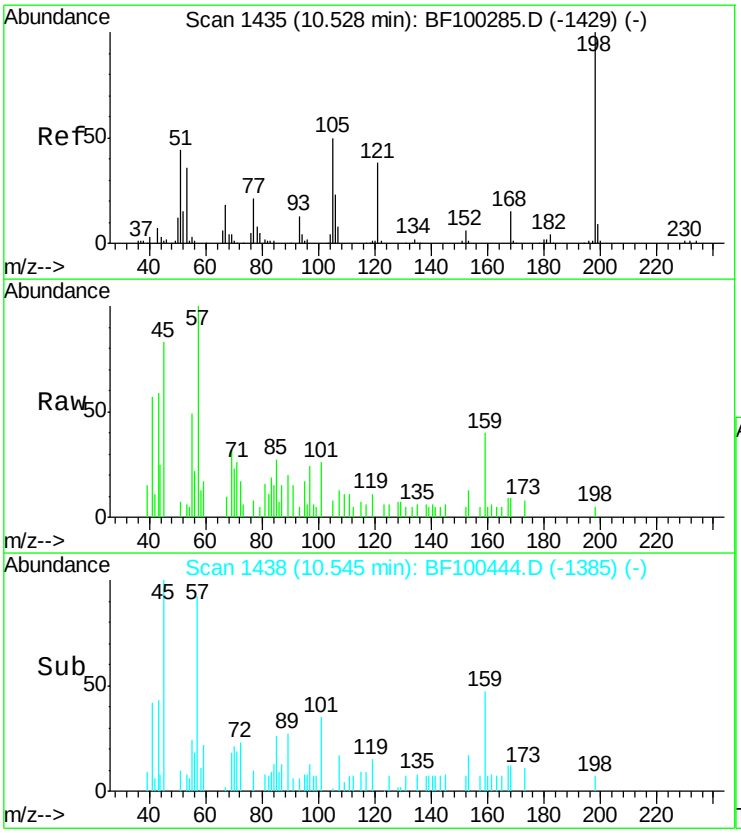
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SEWAGE-INJECTION-TANK-WATE

Tgt Ion:188 Resp: 306530

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.0	9.2	13.8

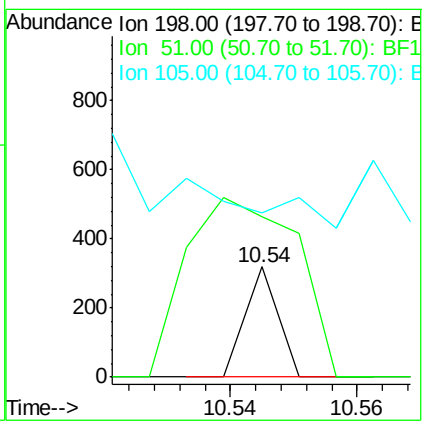


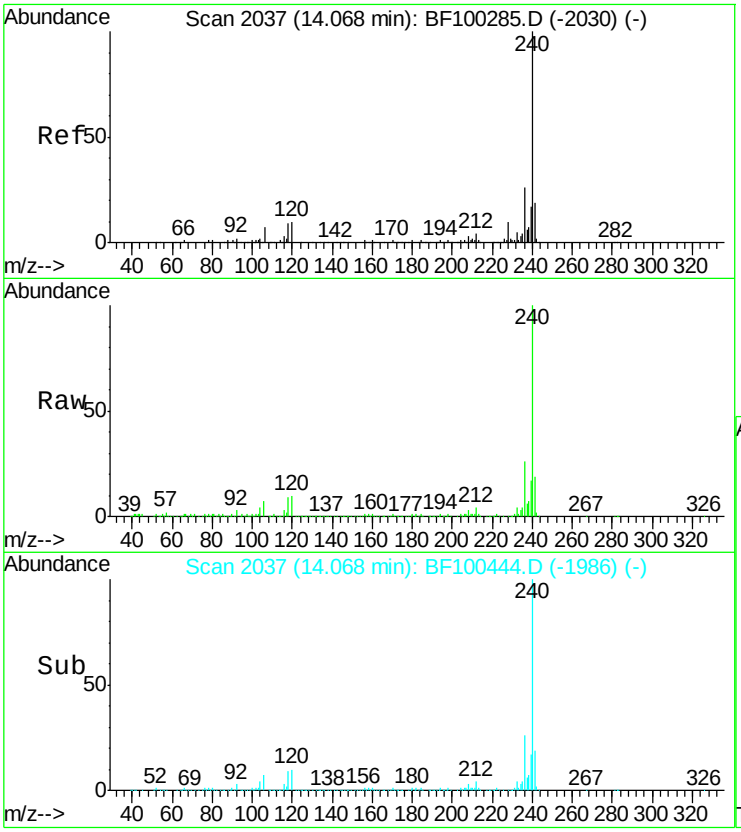


#64
4,6-Dinitro-2-methylphenol
Concen: 8.63 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Tgt Ion:198 Resp: 113

Ion	Ratio	Lower	Upper
198	100		
51	145.5	37.7	77.7#
105	149.5	36.3	76.3#



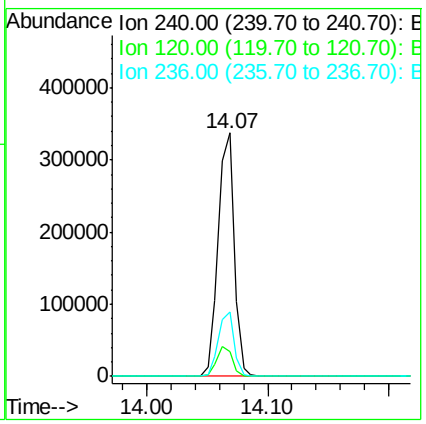


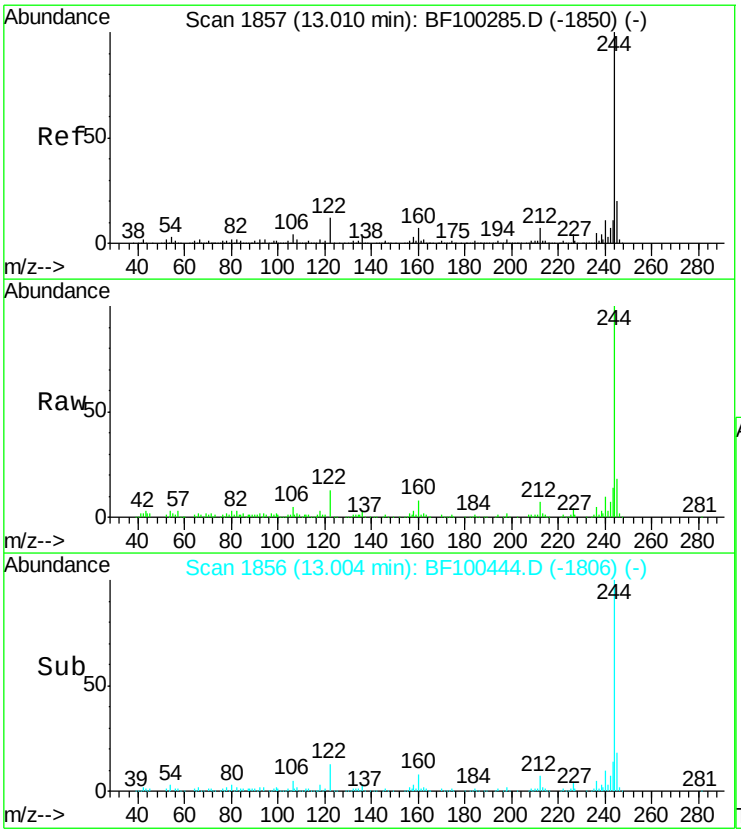
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SEWAGE-INJECTION-TANK-WATE

Tgt Ion:240 Resp: 310421

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	26.2	20.7	31.1

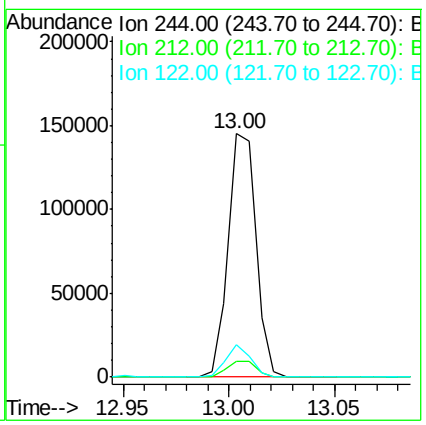


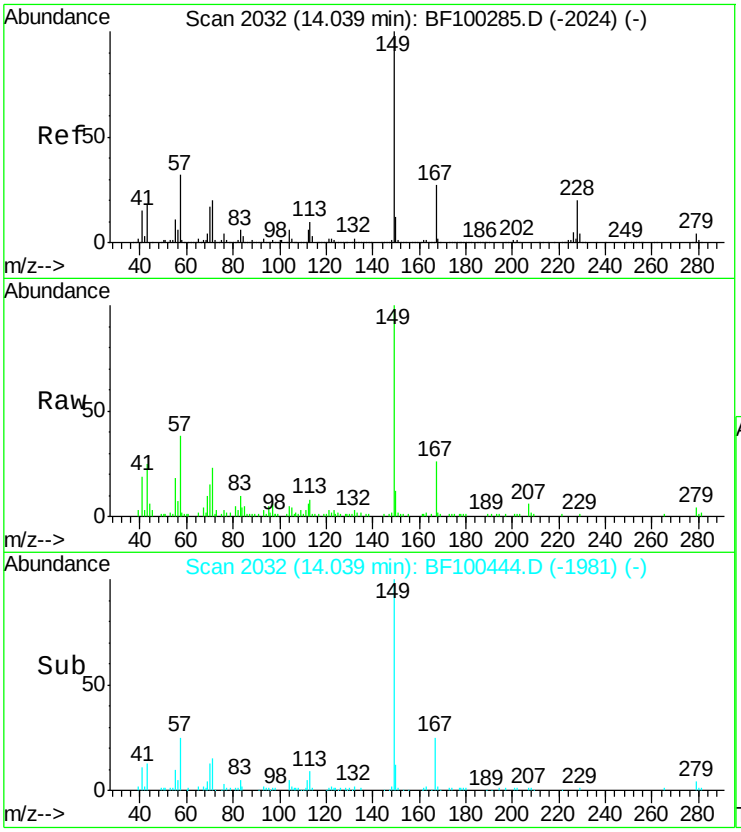


#78
Terphenyl-d14
Concen: 9.76 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Tgt Ion:244 Resp: 131809

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.2	11.0	16.4



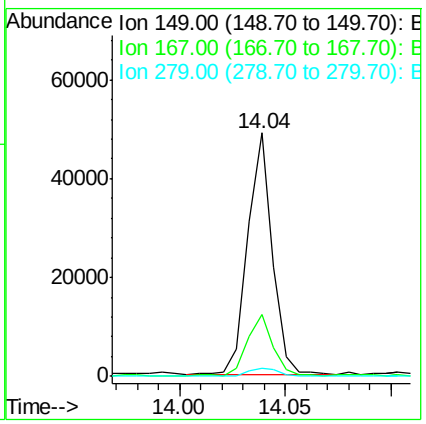


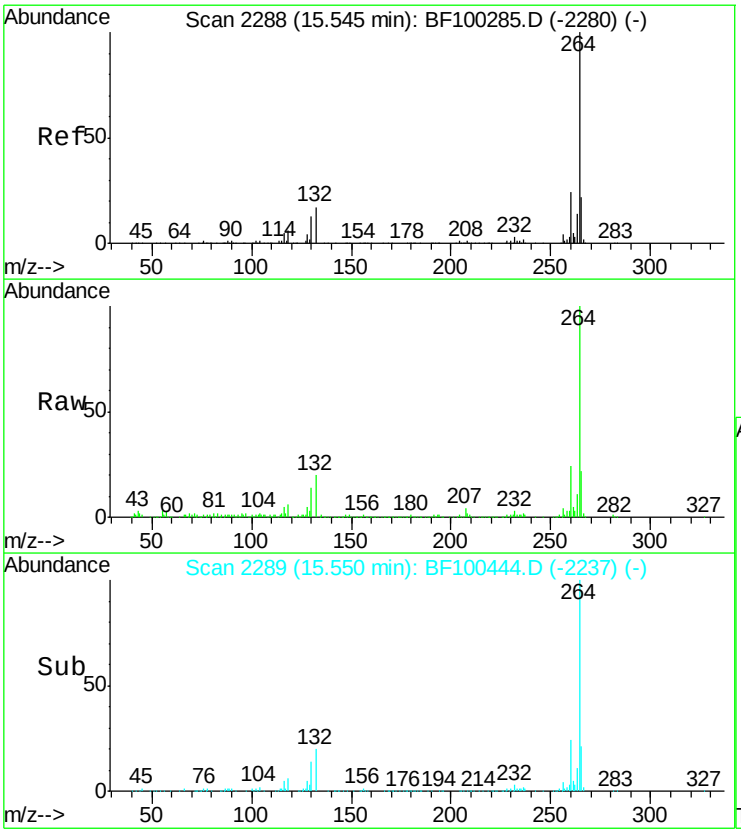
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.36 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Instrument :
BNA_F
ClientSampleId :
SEWAGE-INJECTION-TANK-WATE

Tgt Ion:149 Resp: 39829

Ion	Ratio	Lower	Upper
149	100		
167	25.7	21.3	31.9
279	3.5	3.0	4.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF100444.D
Acq: 11 Nov 2017 16:50

Tgt Ion:264 Resp: 214188

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3