Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
Data File : BF091883.D
Acq On : 22 Dec 2016 13:57
Operator : UM/SJ
Sample : H6200-04 20X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE-WATER-COMP

Quant Time: Dec 23 00:35:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	341144	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	865050	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	537992	20.00	ng		0.01
63) Phenanthrene-d10	11.28	188	786071	20.00	ng		0.01
75) Chrysene-d12	13.91	240	516664	20.00	ng		0.00
86) Perylene-d12	15.30	264	632923	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	68779	3.37	ng		0.06
7) Phenol-d6	6.37	99	2503	0.10	ng		-0.03
23) Nitrobenzene-d5	7.32	82	170702	10.97	ng		0.00
41) 2,4,6-Tribromophenol	10.59	330	27224	6.11	ng		0.01
44) 2-Fluorobiphenyl	9.13	172	177938	-7.22	ng		0.01
78) Terphenyl-d14	12.85	244	115279	5.41	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	6.92	79	45507	2.35	ng		98
18) Hexachloroethane	7.25	117	49544	5.29	ng	#	1
19) n-Nitroso-di-n-propylamine	7.15	70	35682	2.15	ng	#	58
22) Acetophenone	7.15	105	314765	14.75	ng	#	36
24) Nitrobenzene	7.29	77	60765	3.67	ng	#	50
25) Isophorone	7.56	82	127772	4.45	ng	#	1
31) Naphthalene	8.06	128	429614	10.85	ng	#	89
35) Caprolactam	8.49	113	136051	36.08	ng	#	1
37) 2-Methylnaphthalene	8.77	142	484269	16.23	ng		98
45) 1,1'-Biphenyl	9.22	154	114505	3.11	ng		89
55) 4-Nitrophenol	9.90	139	24616	3.89	ng	#	1
56) 2,4-Dinitrotoluene	10.01	165	27457	2.90	ng	#	64
65) n-Nitrosodiphenylamine	10.45	169	93031	3.99	ng	#	58
68) Atrazine	11.08	200	43631	5.80	ng		71
73) Di-n-butylphthalate	11.84	149	14529	Below Cal		#	33
74) Fluoranthene	12.70	202	40078	Below Cal			74
76) Benzidine	12.58	184	2171	Below Cal		#	1
83) Bis(2-ethylhexyl)phthalate	13.89	149	878097	43.25	ng		99

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

Quantitation Report (Not Reviewed)

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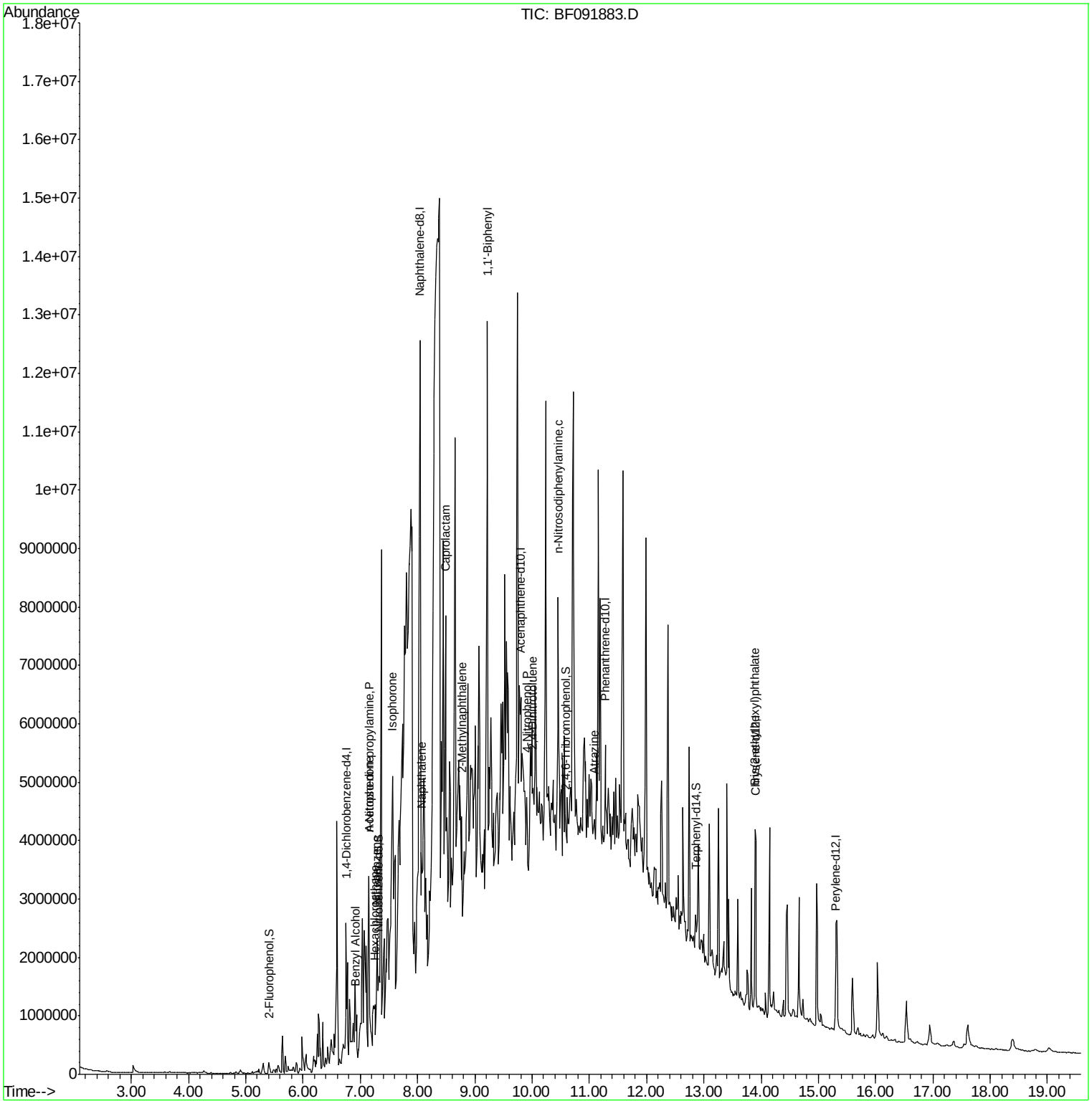
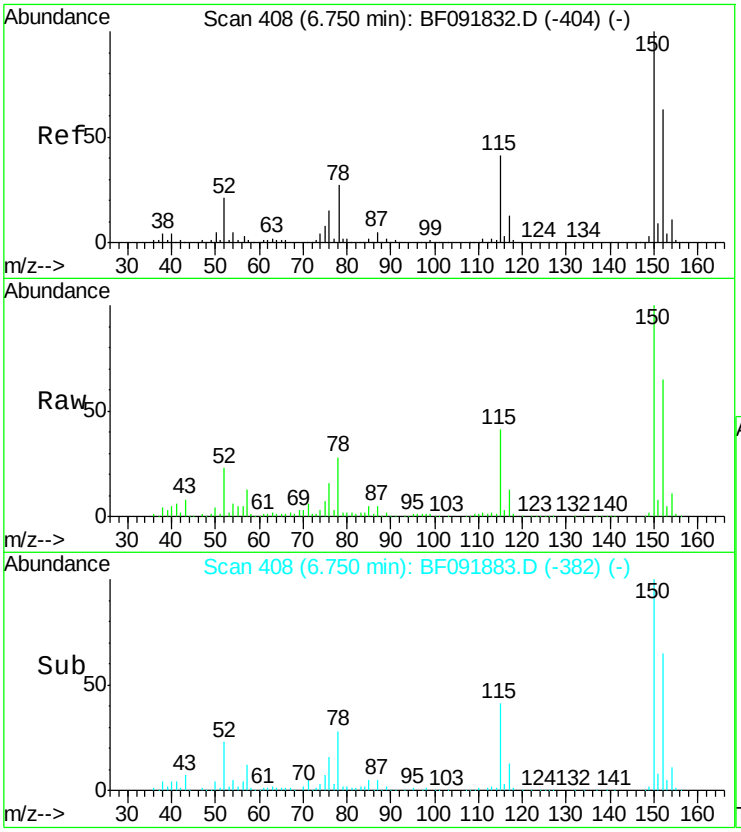


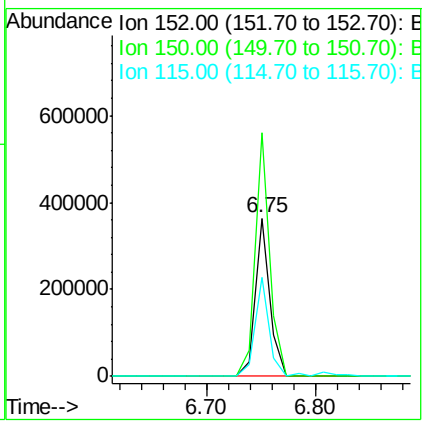


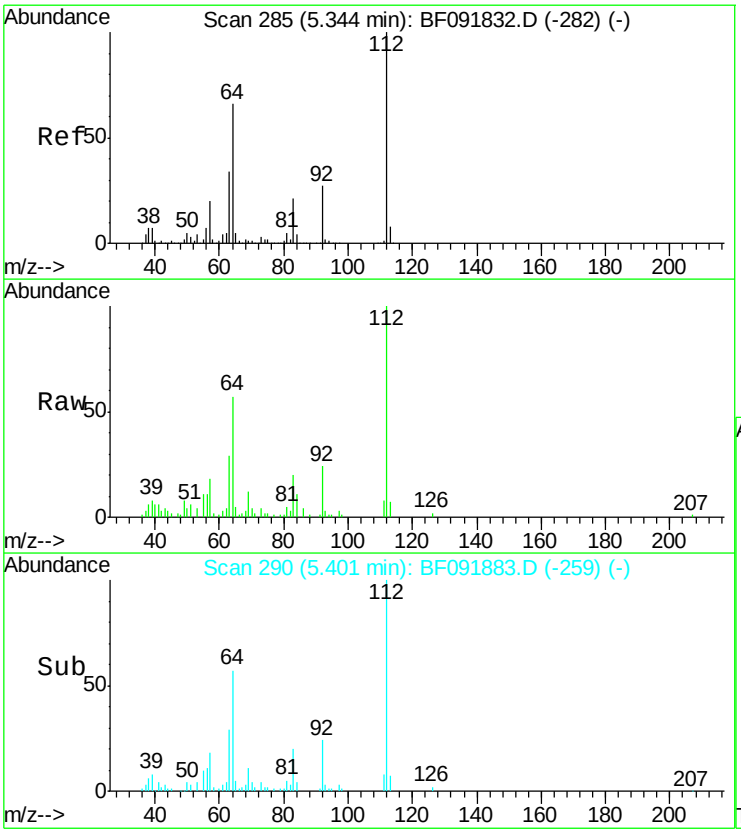
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

Tgt Ion:152 Resp: 341144

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.9	187.3
115	62.9	46.0	69.0

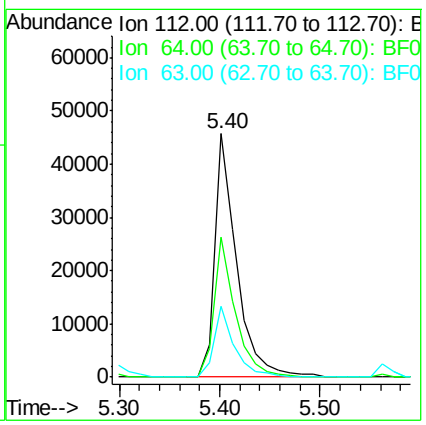


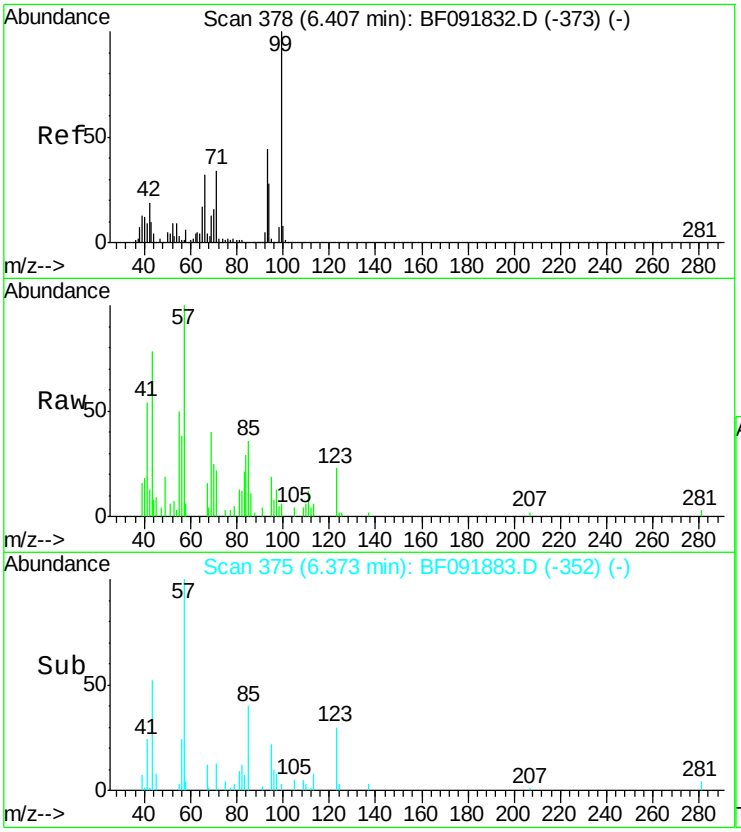


#5
2-Fluorophenol
Concen: 3.37 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.06 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Tgt Ion:112 Resp: 68779

Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.1	69.1
63	29.1	23.8	35.6



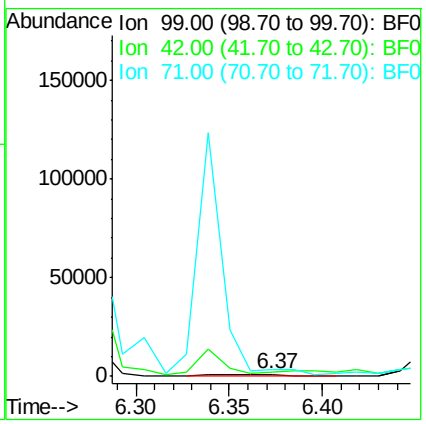


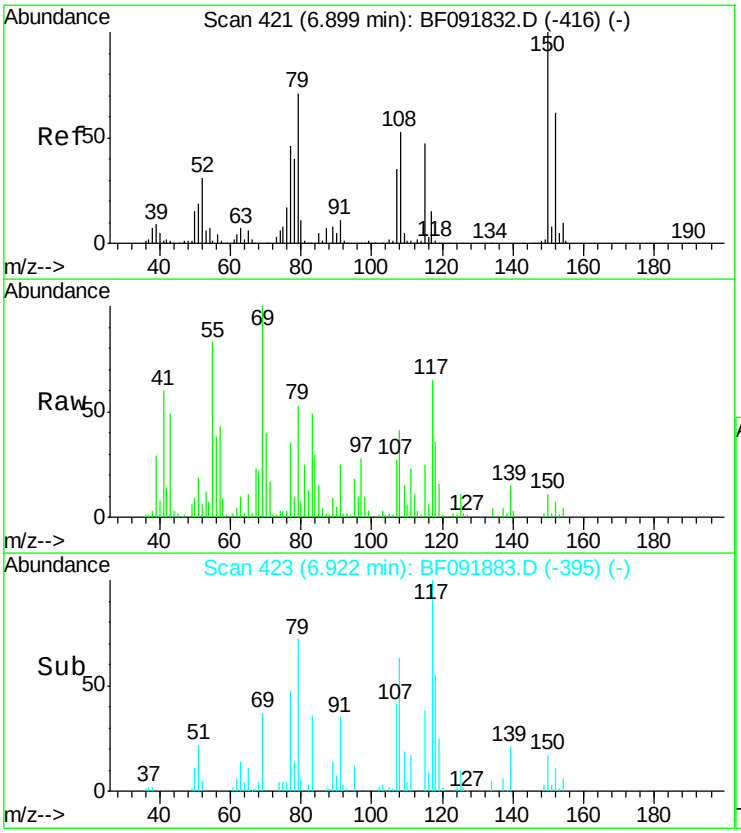
#7
Phenol-d6
Concen: 0.10 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.03 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

Tgt Ion: 99 Resp: 2503

Ion	Ratio	Lower	Upper
99	100		
42	226.6	15.6	23.4#
71	370.6	27.5	41.3#

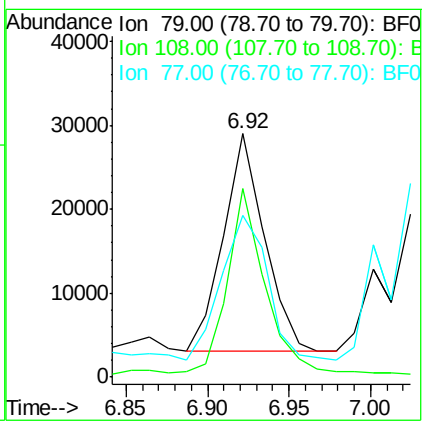


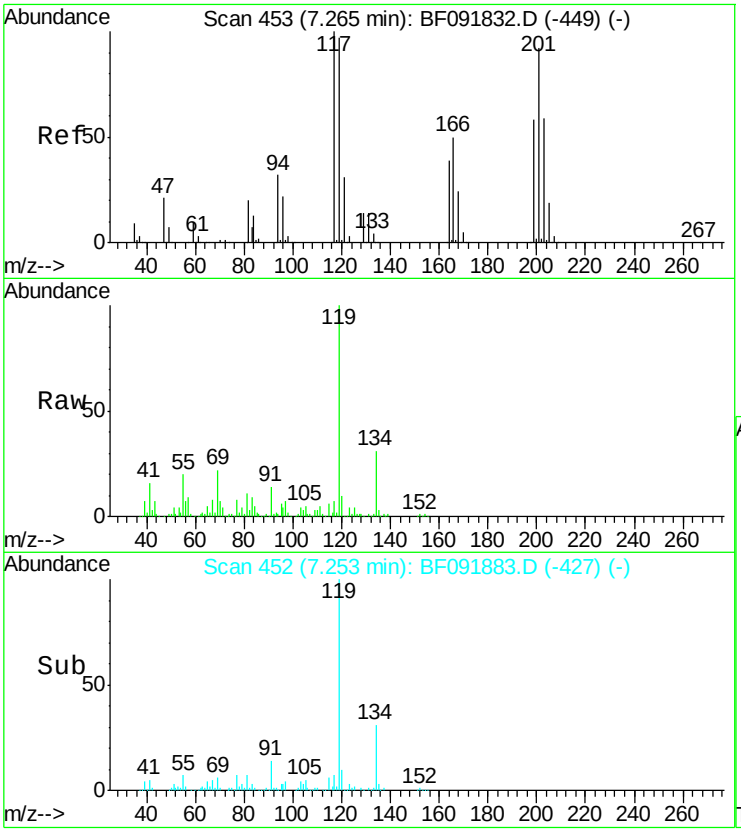


#15
Benzyl Alcohol
Concen: 2.35 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.02 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Tgt Ion: 79 Resp: 45507

Ion	Ratio	Lower	Upper
79	100		
108	77.3	61.4	92.0
77	66.2	50.9	76.3



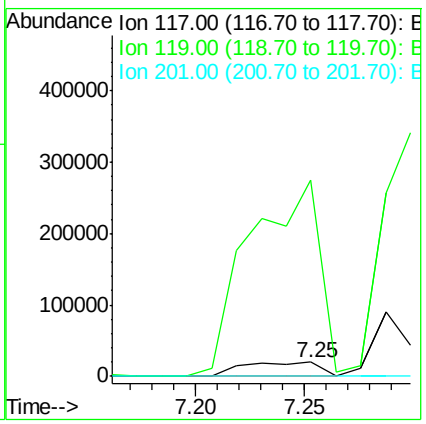


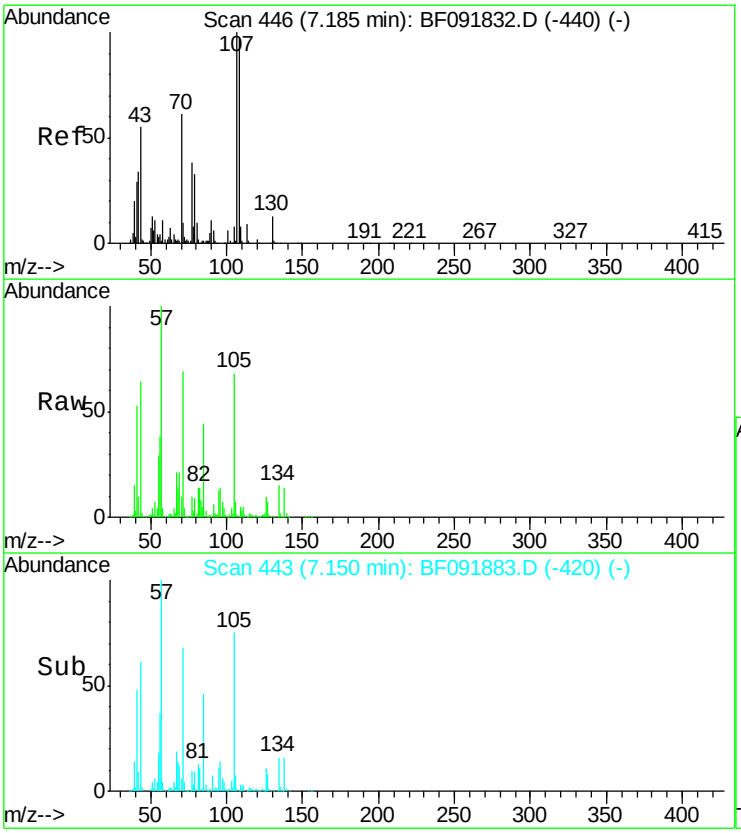
#18
Hexachloroethane
Concen: 5.29 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

Tgt Ion:117 Resp: 49544

Ion	Ratio	Lower	Upper
117	100		
119	1367.2	78.1	117.1#
201	0.0	78.6	117.8#

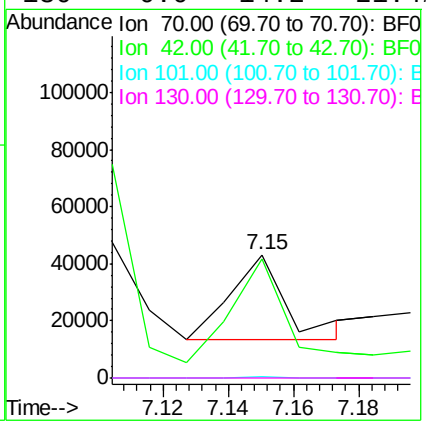


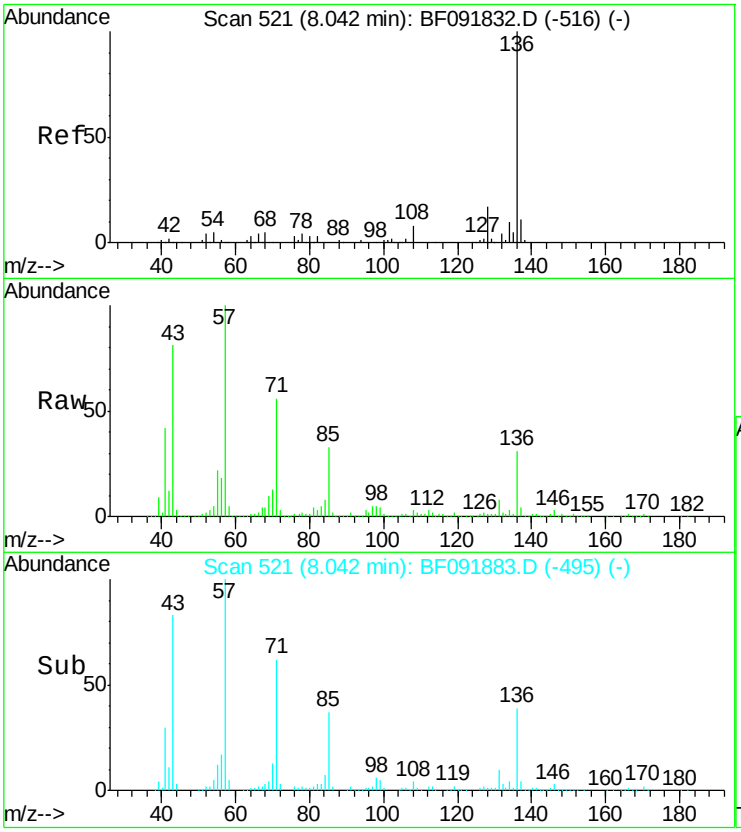


#19
n-Nitroso-di-n-propylamine
Concen: 2.15 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.03 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Tgt Ion: 70 Resp: 35682

Ion	Ratio	Lower	Upper
70	100		
42	96.2	49.4	74.0#
101	1.3	7.4	11.2#
130	0.0	14.2	21.4#



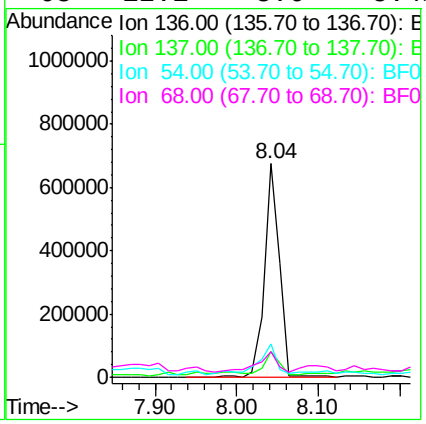


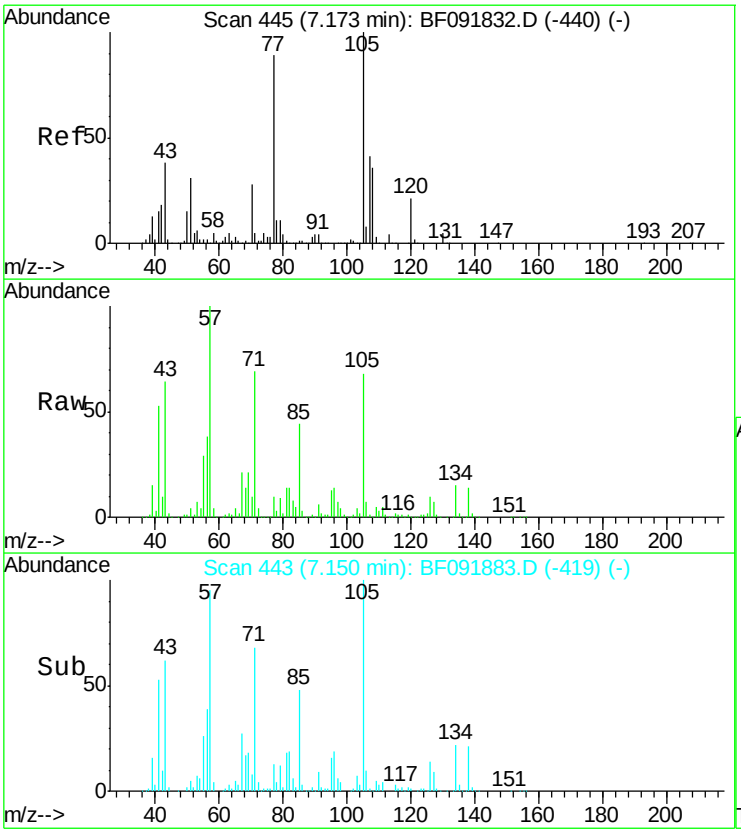
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

Tgt Ion:136 Resp: 865050

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.4	12.6
54	15.4	4.5	6.7#
68	12.1	3.6	5.4#

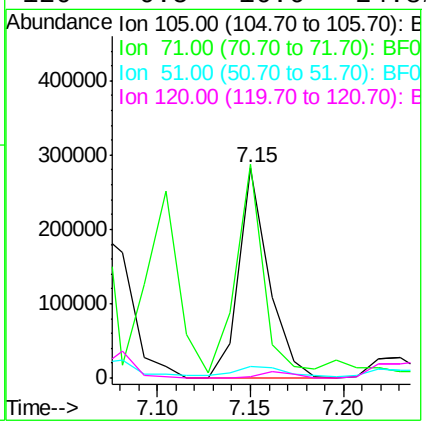


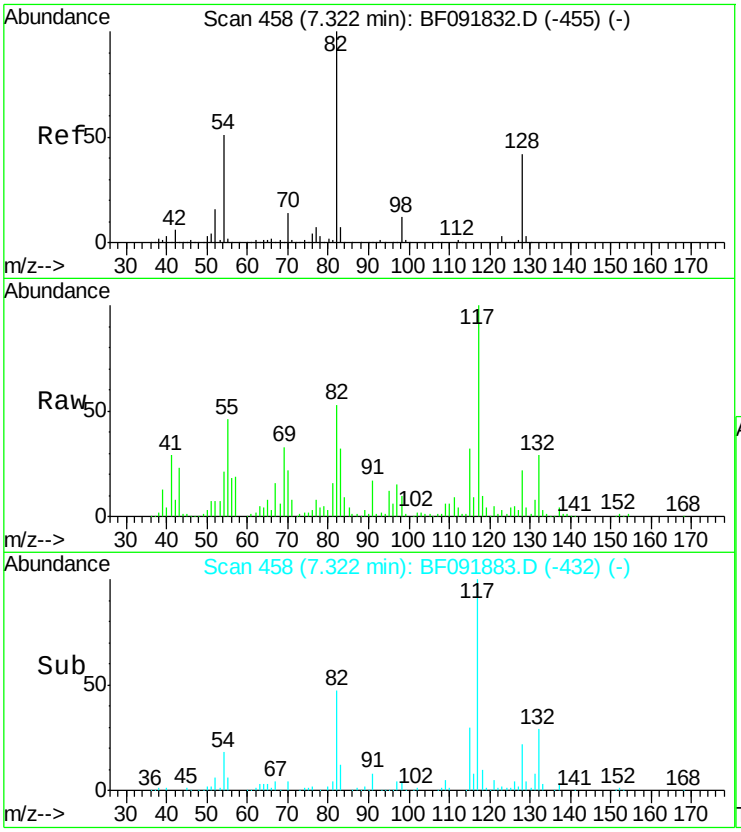


#22
Acetophenone
Concen: 14.75 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Tgt Ion:105 Resp: 314765

Ion	Ratio	Lower	Upper
105	100		
71	101.6	3.2	4.8#
51	5.7	26.2	39.4#
120	0.5	16.6	24.8#



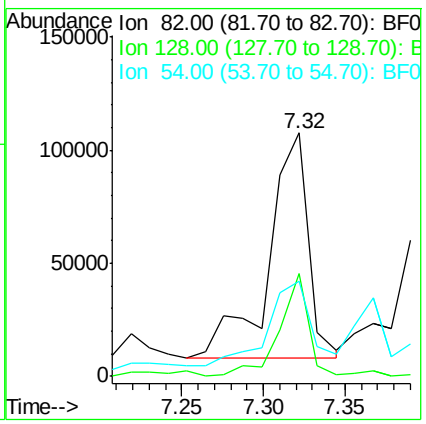


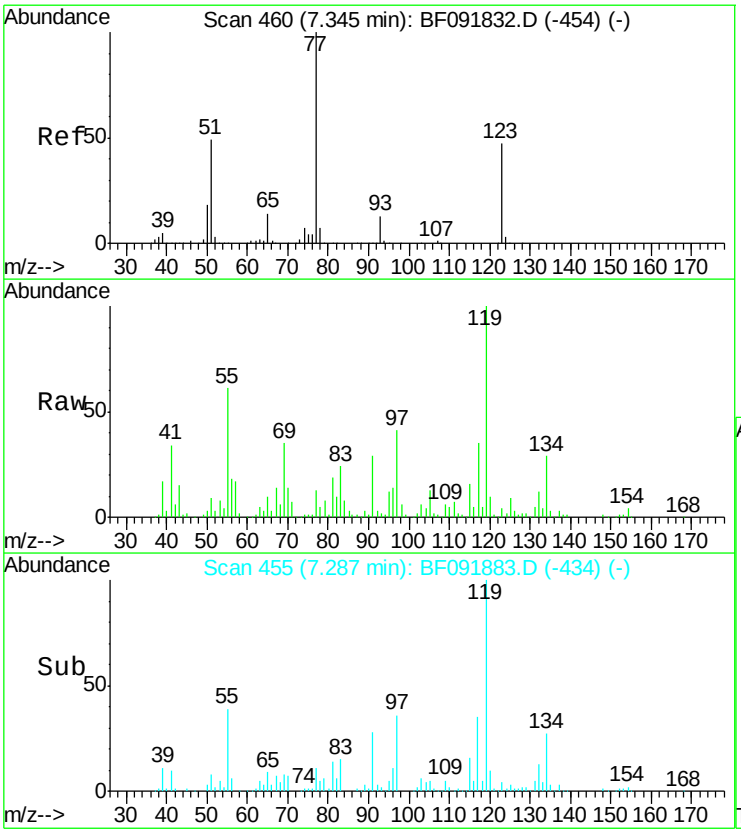
#23
Nitrobenzene-d5
Concen: 10.97 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

Tgt Ion: 82 Resp: 170702

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	39.2	39.5	59.3#

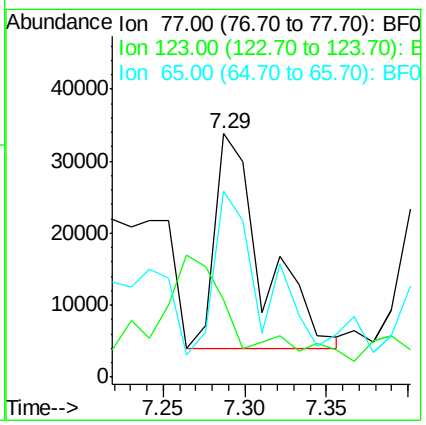


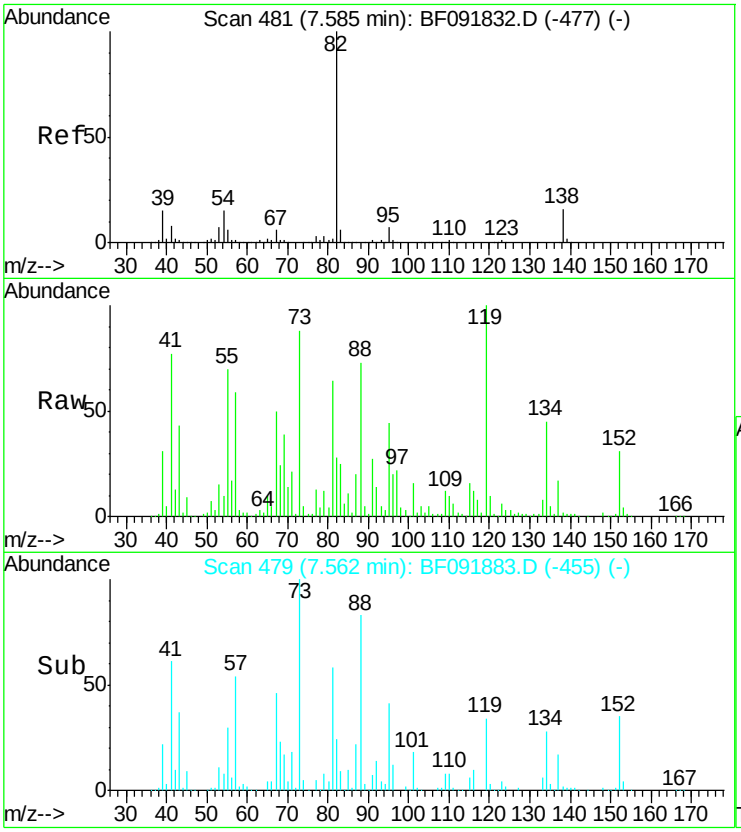


#24
Nitrobenzene
Concen: 3.67 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.06 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Tgt Ion: 77 Resp: 60765

Ion	Ratio	Lower	Upper
77	100		
123	31.9	33.0	49.4#
65	76.3	11.2	16.8#



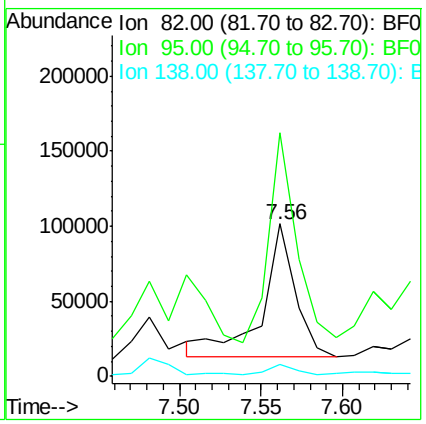


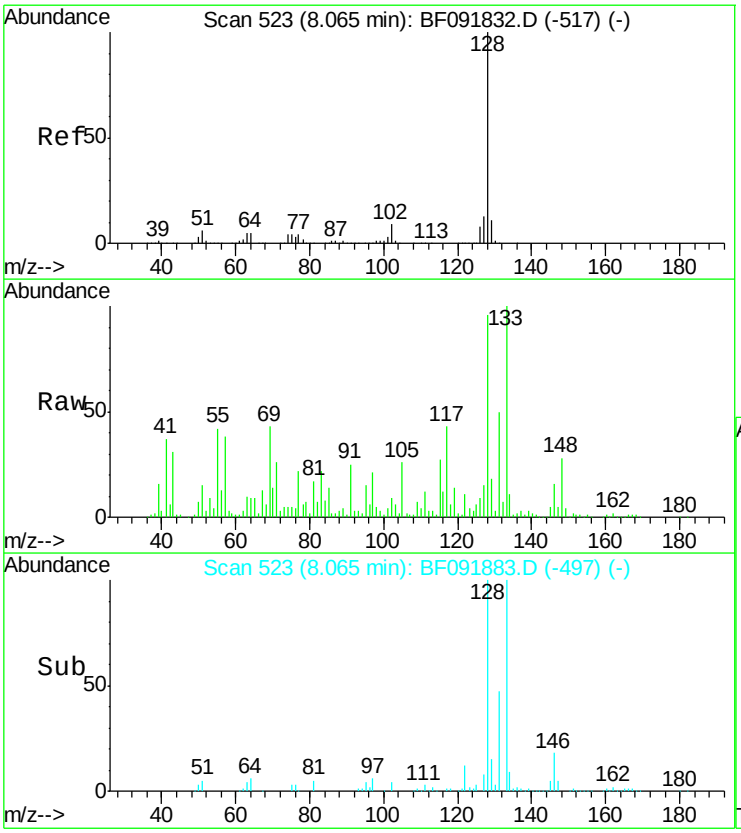
#25
Isophorone
Concen: 4.45 ng
RT: 7.56 min Scan# 479
Delta R.T. -0.02 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

Tgt Ion: 82 Resp: 127772

Ion	Ratio	Lower	Upper
82	100		
95	159.5	5.6	8.4#
138	7.6	14.6	22.0#

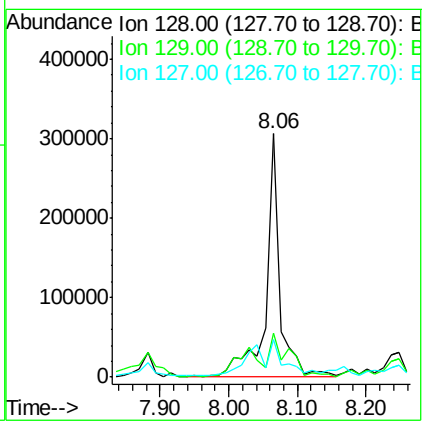


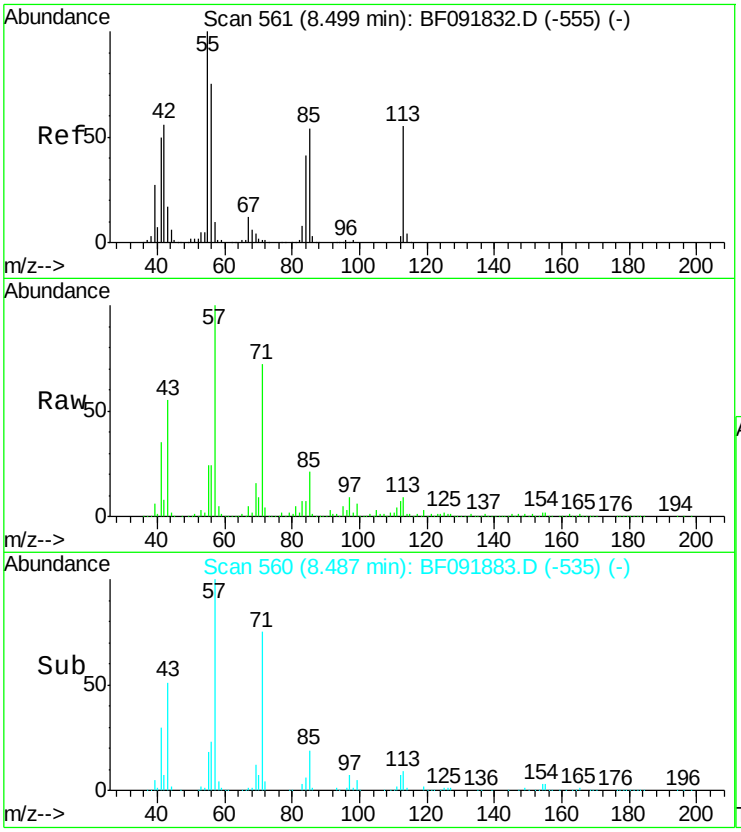


#31
Naphthalene
Concen: 10.85 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Tgt Ion:128 Resp: 429614

Ion	Ratio	Lower	Upper
128	100		
129	18.3	9.5	14.3#
127	15.7	10.8	16.2



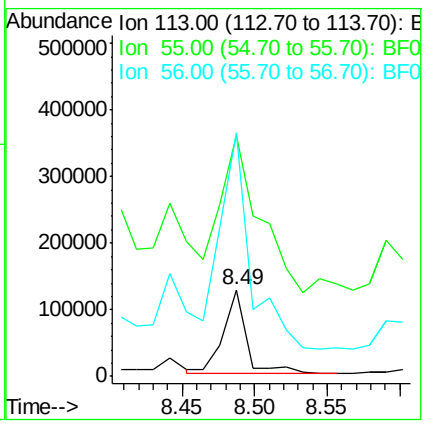


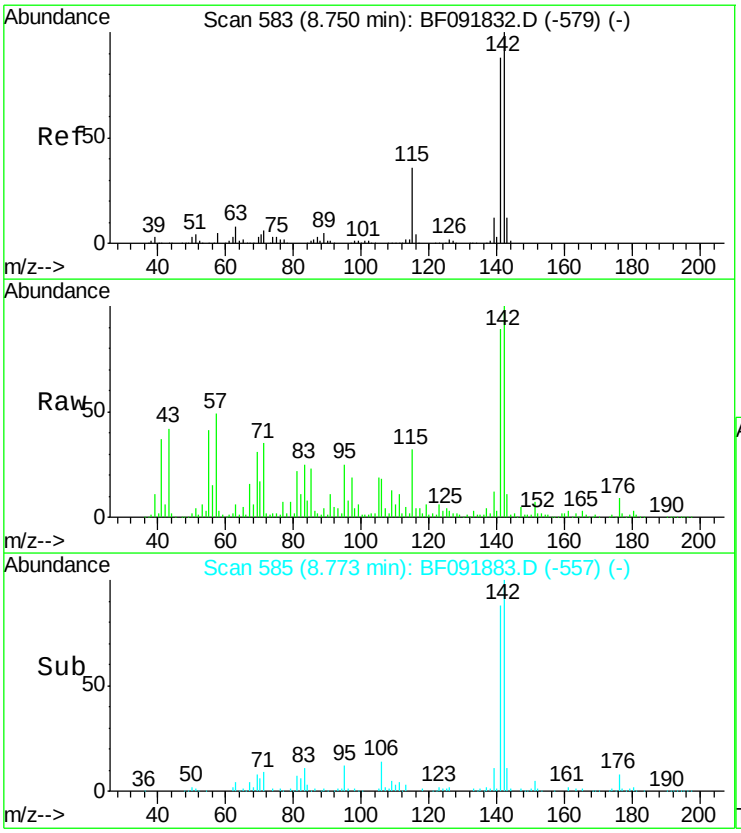
#35
Caprolactam
Concen: 36.08 ng
RT: 8.49 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

Tgt Ion:113 Resp: 136051

Ion	Ratio	Lower	Upper
113	100		
55	280.2	119.2	159.2#
56	282.4	83.8	123.8#

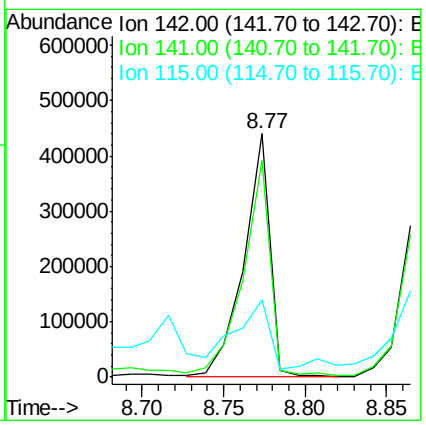


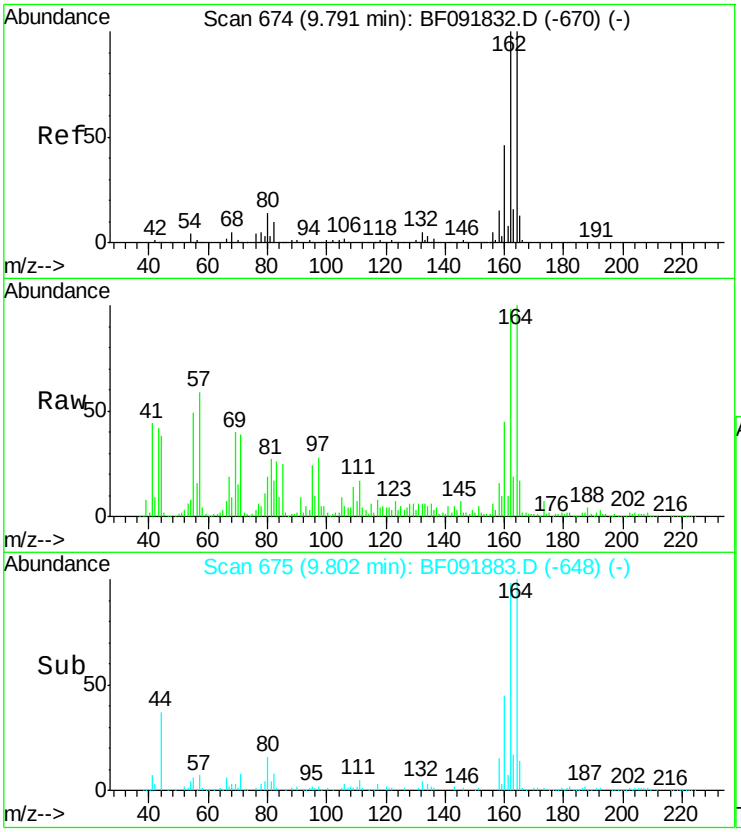


#37
2-Methylnaphthalene
Concen: 16.23 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.02 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Tgt Ion:142 Resp: 484269

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	31.8	28.3	42.5



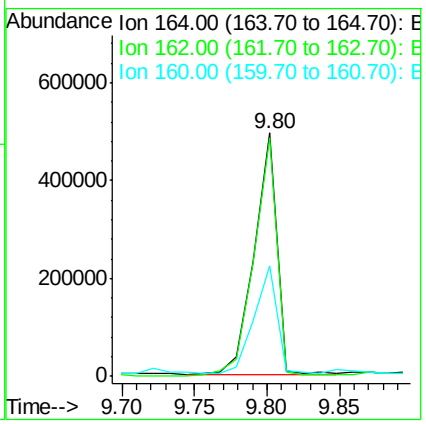


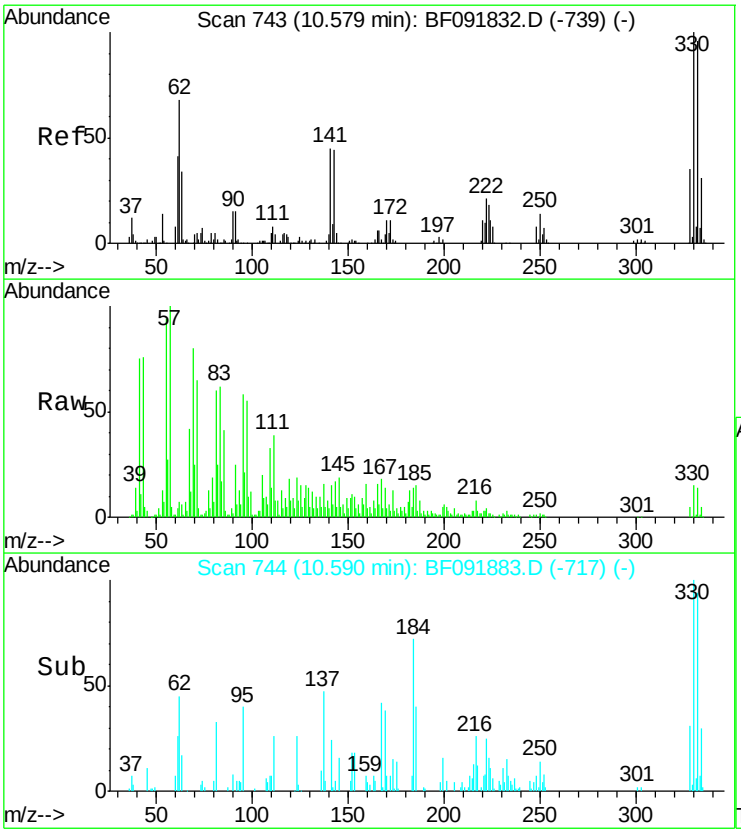
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.01 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

Tgt Ion:164 Resp: 537992

Ion	Ratio	Lower	Upper
164	100		
162	97.8	80.2	120.2
160	45.1	36.9	55.3

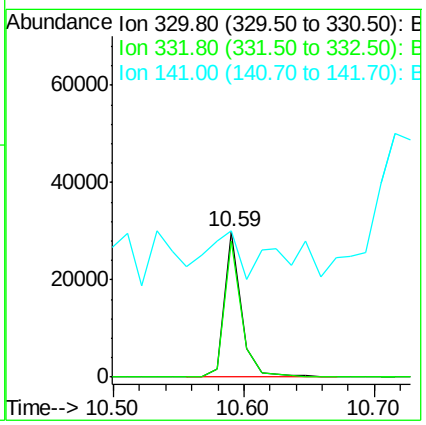


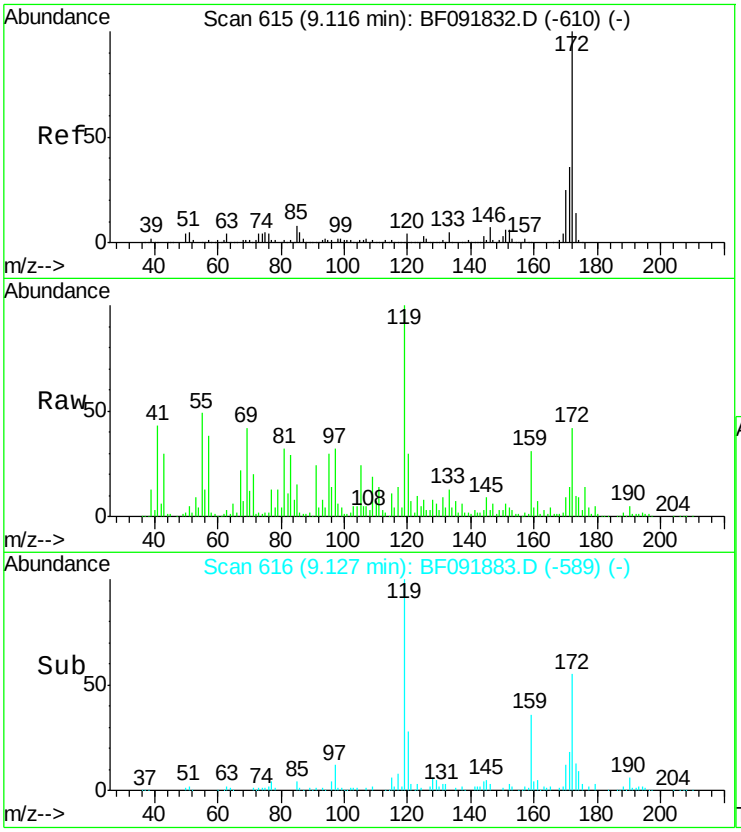


#41
2,4,6-Tribromophenol
Concen: 6.11 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Tgt Ion:330 Resp: 27224

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.4	116.2
141	57.5	34.1	51.1#



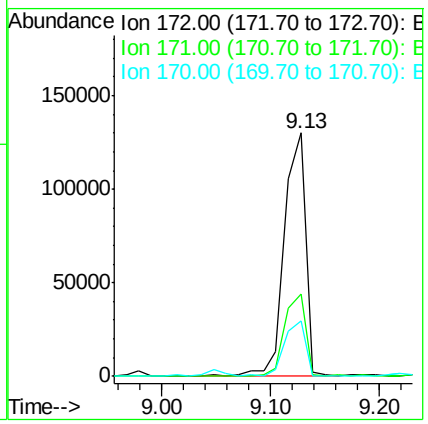


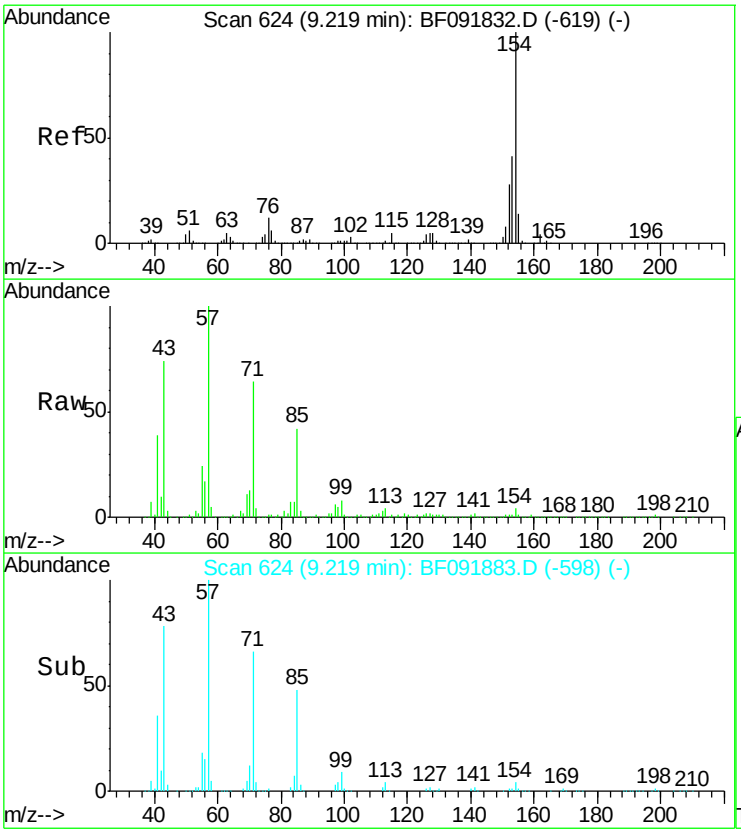
#44
2-Fluorobiphenyl
Concen: -7.22 ng
RT: 9.13 min Scan# 616
Delta R.T. 0.01 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

Tgt Ion:172 Resp: 177938

Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.4	44.0
170	22.6	20.2	30.4

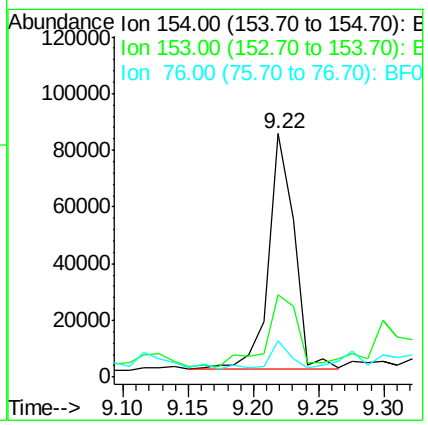


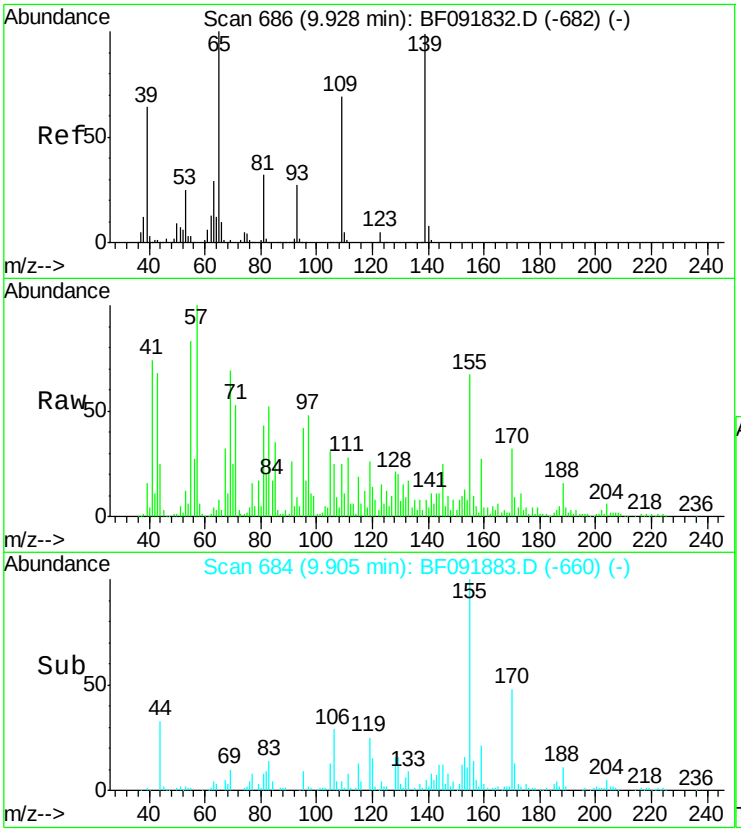


#45
1,1'-Biphenyl
Concen: 3.11 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Tgt Ion:154 Resp: 114505

Ion	Ratio	Lower	Upper
154	100		
153	33.9	20.9	60.9
76	15.1	0.0	30.5



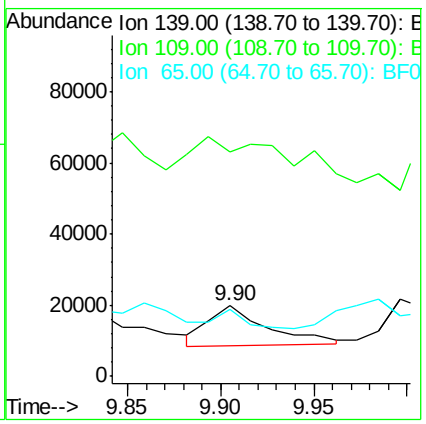


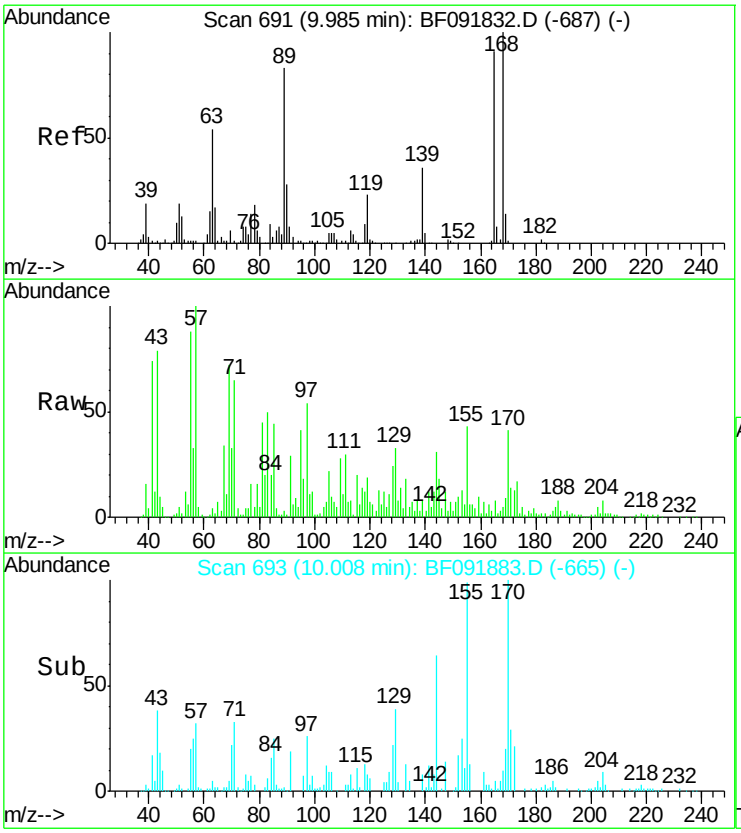
#55
4-Nitrophenol
Concen: 3.89 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

Tgt Ion:139 Resp: 24616

Ion	Ratio	Lower	Upper
139	100		
109	317.7	52.2	92.2#
65	94.7	85.8	125.8

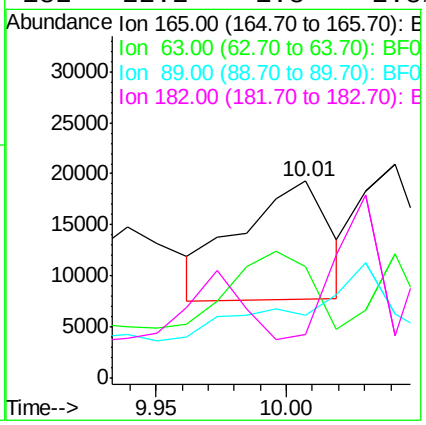


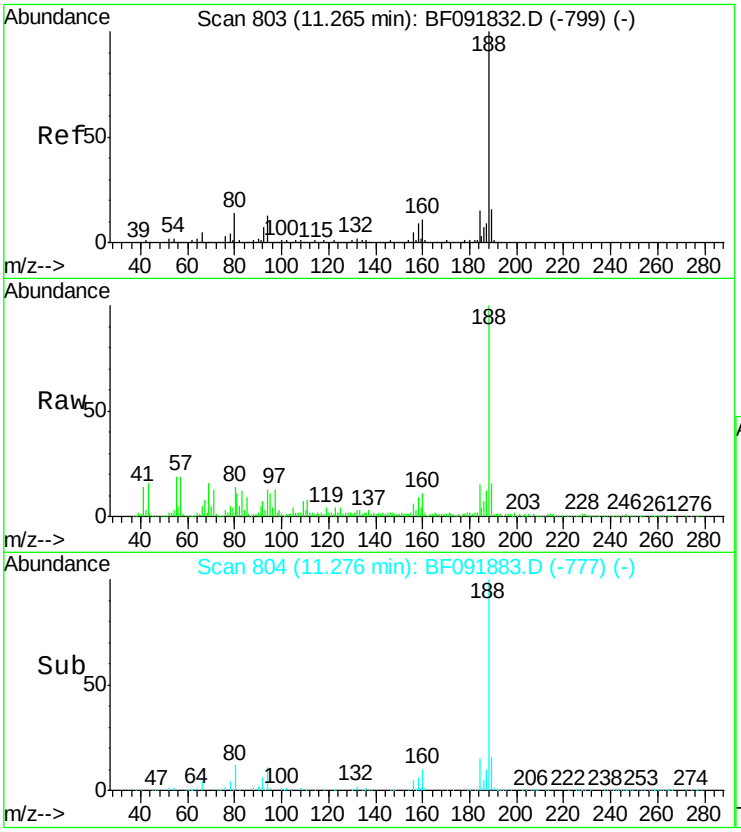


#56
2,4-Dinitrotoluene
Concen: 2.90 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.02 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Tgt Ion:165 Resp: 27457

Ion	Ratio	Lower	Upper
165	100		
63	56.4	40.2	60.4
89	31.9	62.5	93.7#
182	22.2	1.8	2.8#



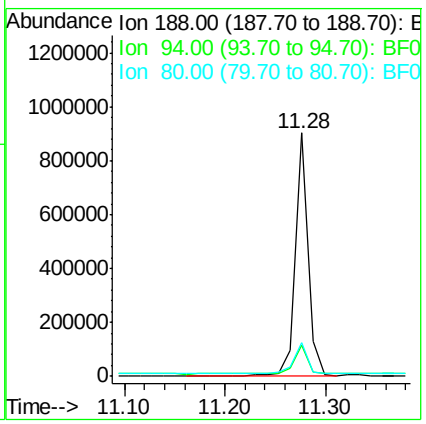


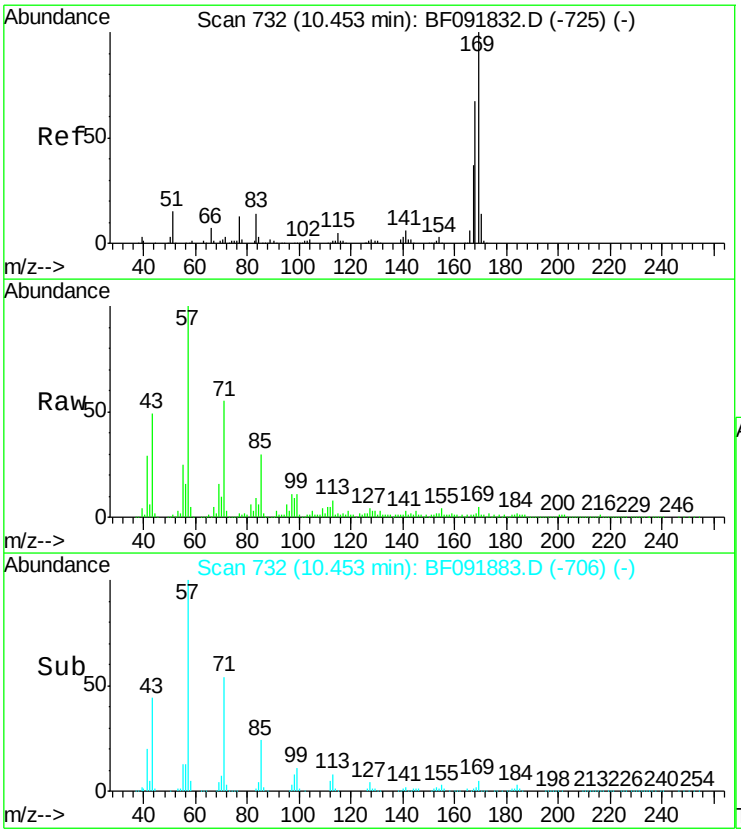
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

Tgt Ion:188 Resp: 786071

Ion	Ratio	Lower	Upper
188	100		
94	12.6	10.0	15.0
80	13.7	11.2	16.8

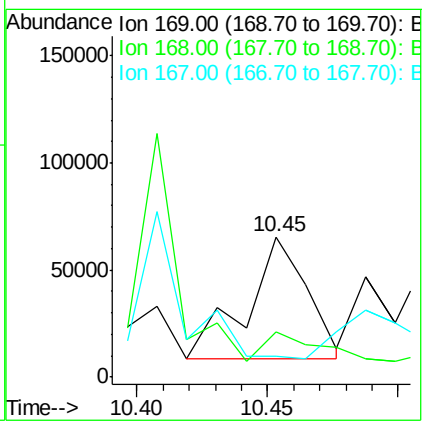


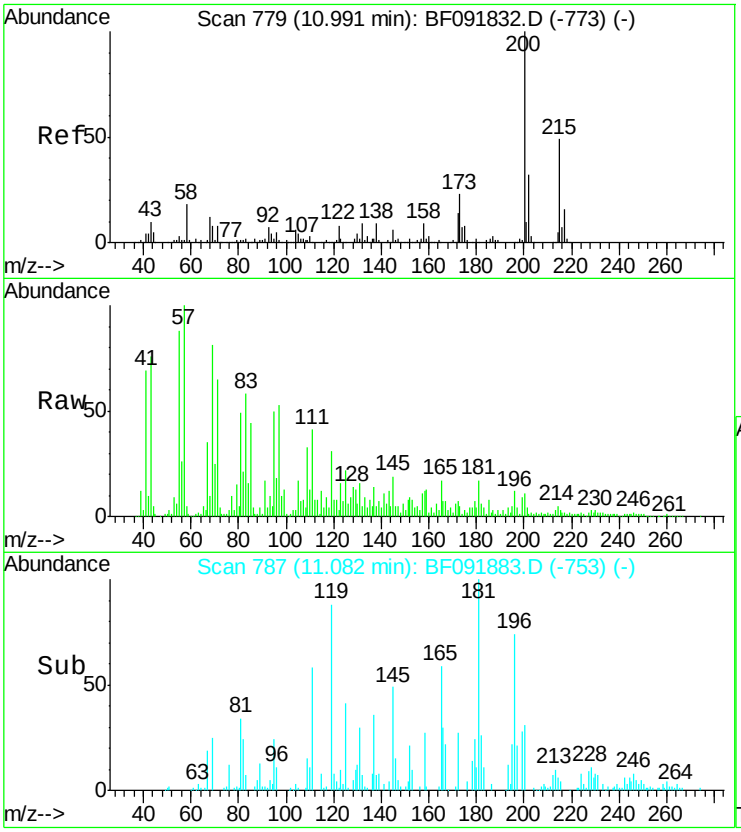


#65
n-Nitrosodiphenylamine
Concen: 3.99 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Tgt Ion:169 Resp: 93031

Ion	Ratio	Lower	Upper
169	100		
168	32.7	54.2	81.2#
167	14.5	30.2	45.4#



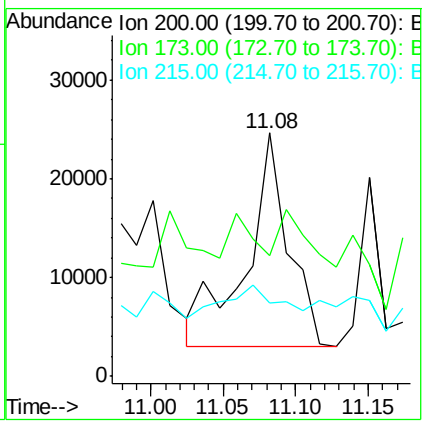


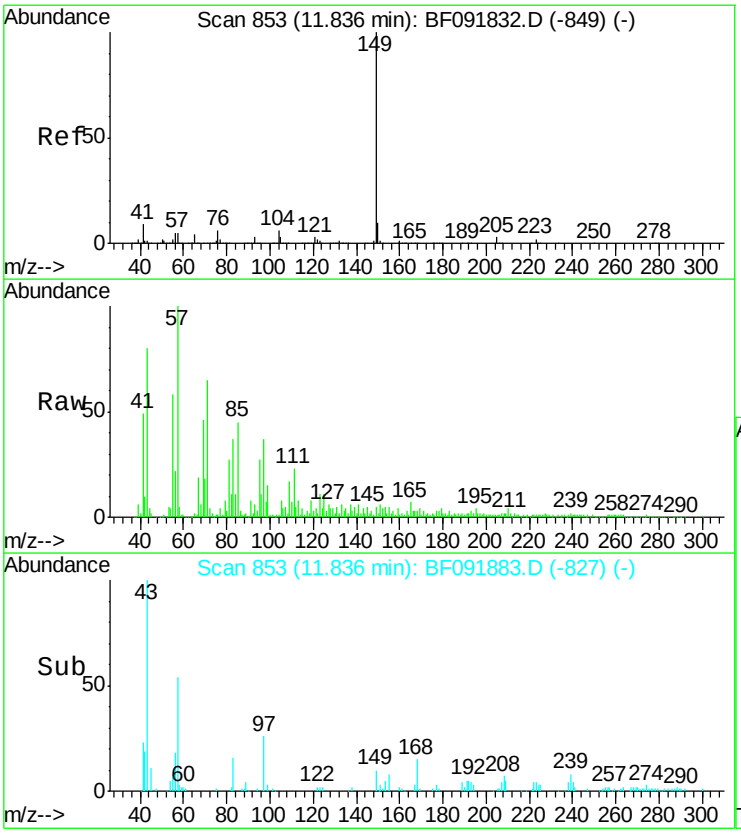
#68
Atrazine
Concen: 5.80 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.09 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

Tgt Ion:200 Resp: 43631

Ion	Ratio	Lower	Upper
200	100		
173	49.6	9.6	49.6
215	30.3	25.7	65.7

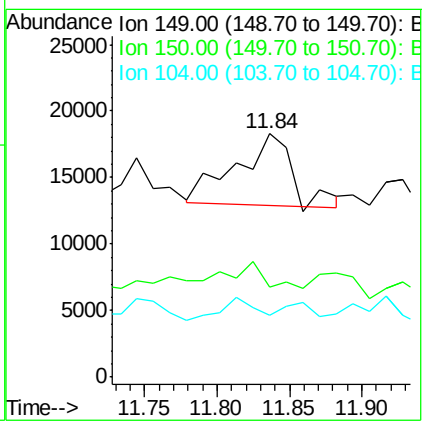


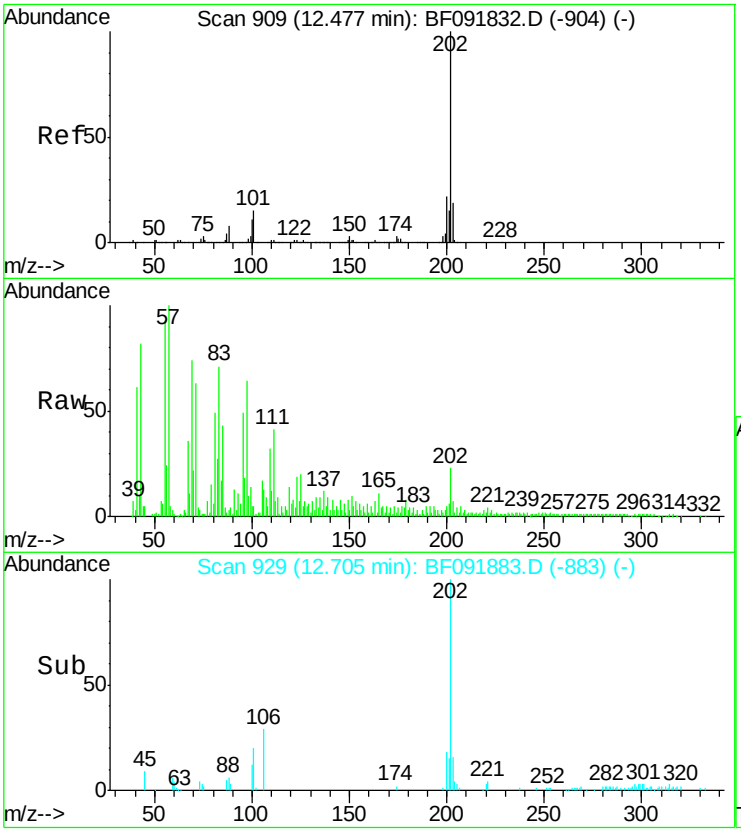


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.84 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Tgt Ion:149 Resp: 14529

Ion	Ratio	Lower	Upper
149	100		
150	36.8	8.1	12.1#
104	25.6	4.6	7.0#



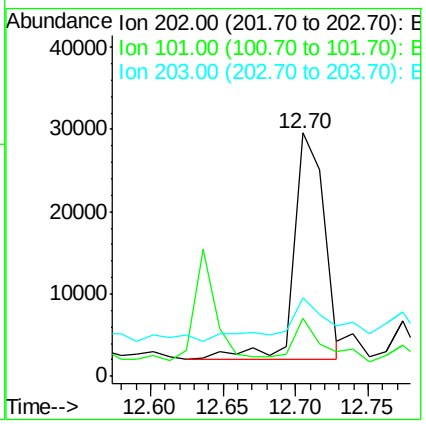


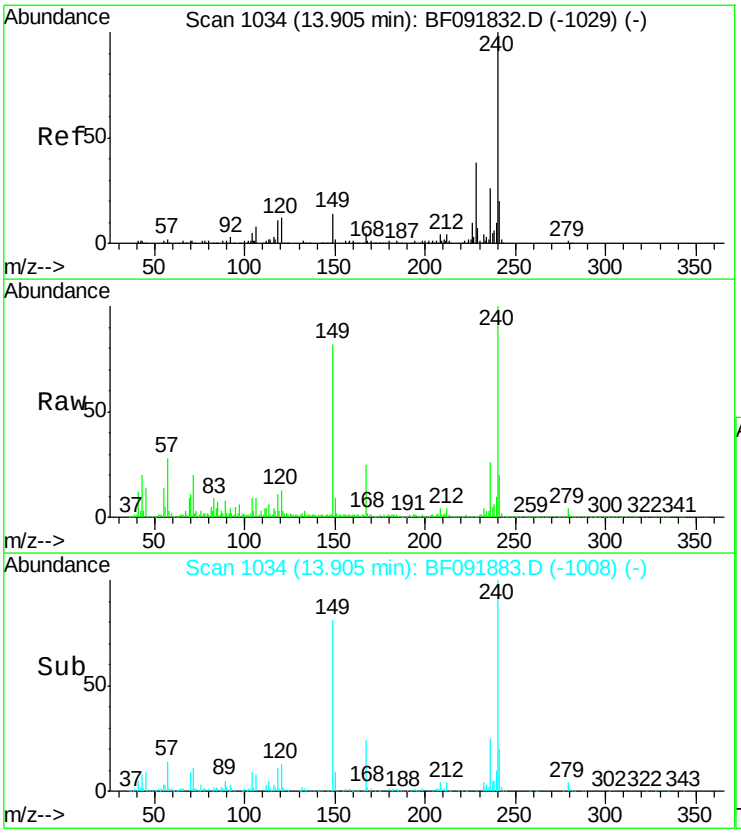
#74
Fluoranthene
Concen: Below Cal
RT: 12.70 min Scan# 929
Delta R.T. 0.23 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

Tgt Ion:202 Resp: 40078

Ion	Ratio	Lower	Upper
202	100		
101	23.6	0.0	34.6
203	32.1	0.0	38.7

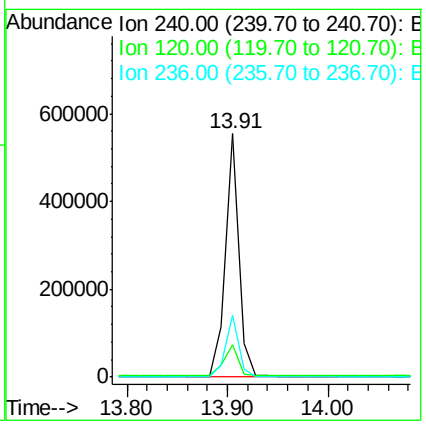


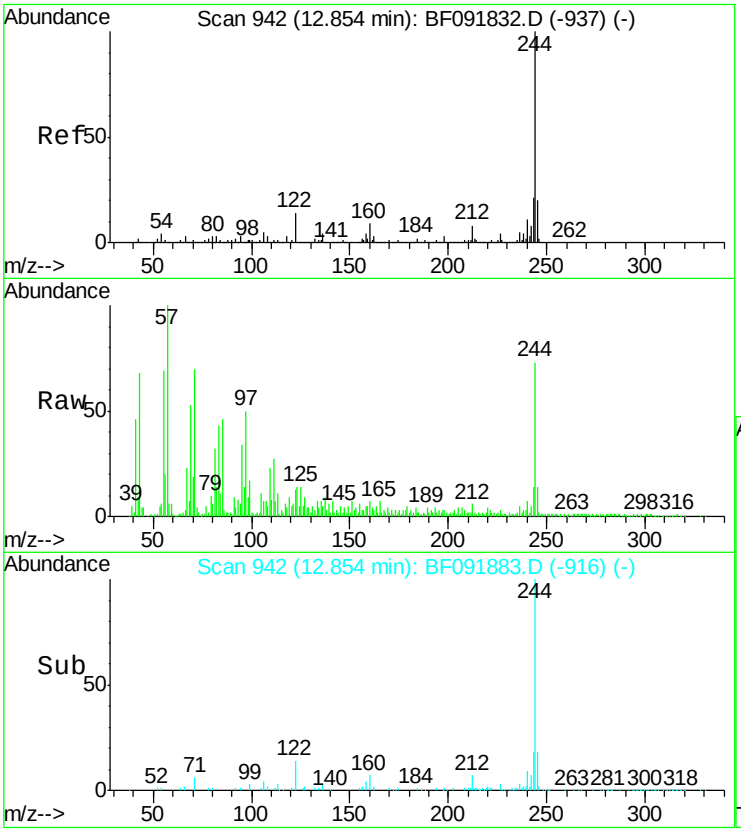


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Tgt Ion:240 Resp: 516664

Ion	Ratio	Lower	Upper
240	100		
120	13.5	12.9	19.3
236	25.6	20.9	31.3



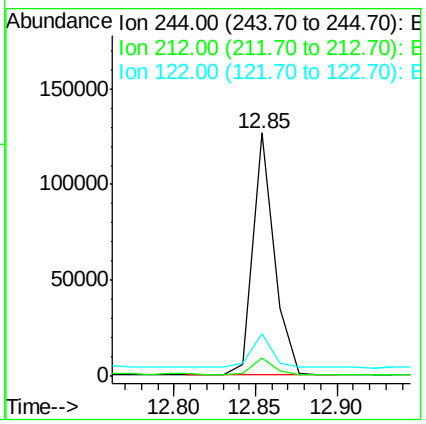


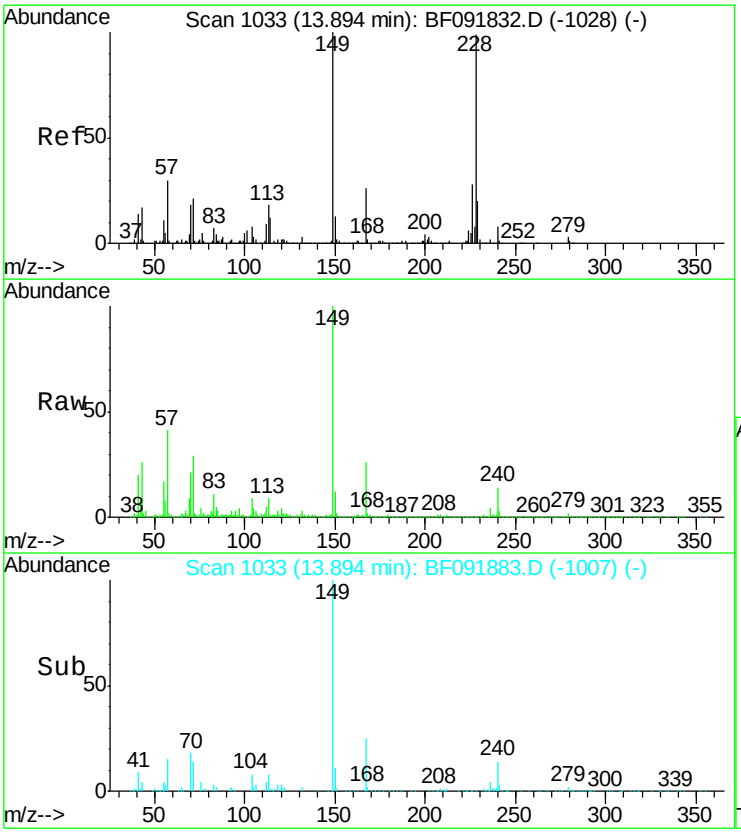
#78
Terphenyl-d14
Concen: 5.41 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

Tgt Ion:244 Resp: 115279

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	17.8	11.4	17.2#

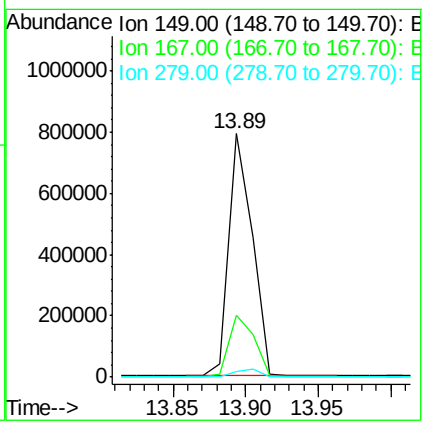


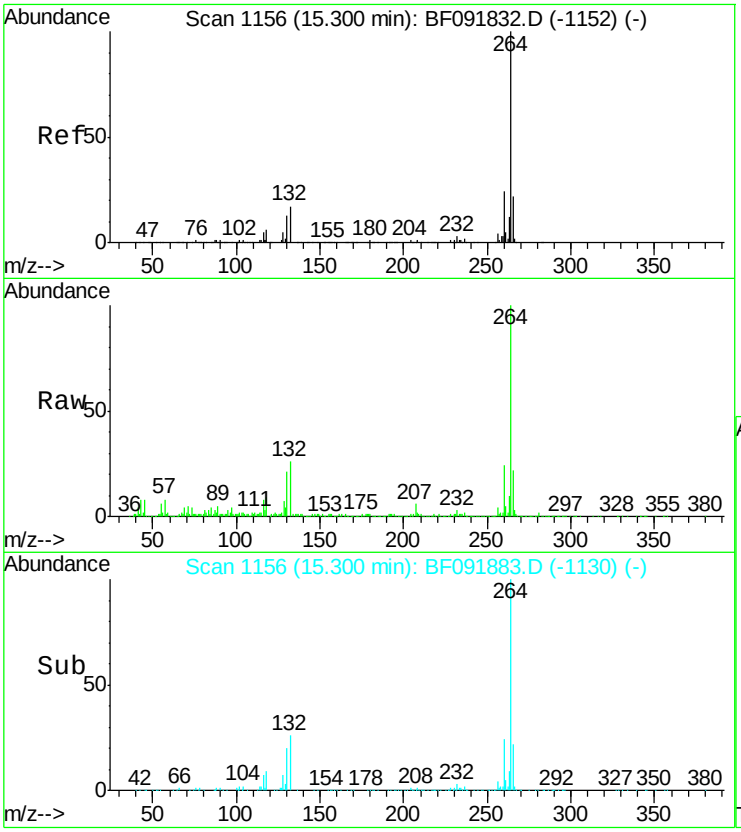


#83
Bis(2-ethylhexyl)phthalate
Concen: 43.25 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Tgt Ion:149 Resp: 878097

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.2	30.4
279	2.1	1.8	2.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091883.D
Acq: 22 Dec 2016 13:57

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

Tgt Ion:264 Resp: 632923

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.0	17.4	26.0