Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097968.D
Acq On : 22 Aug 2017 22:02
Operator : SJ/JU
Sample : I4877-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VL-WWTP-005

Quant Time: Aug 23 01:07:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	129248	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	514601	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	228575	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	373756	20.00	ng		0.00
75) Chrysene-d12	13.90	240	275442	20.00	ng		0.00
86) Perylene-d12	15.32	264	251304	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	301607	35.50	ng		0.00
7) Phenol-d6	6.38	99	278689	24.14	ng		0.00
23) Nitrobenzene-d5	7.32	82	845945	89.30	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	124624	62.84	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	1267895	81.50	ng		0.00
78) Terphenyl-d14	12.86	244	832179	63.00	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.32	70	113626	14.38	ng	#	72
25) Isophorone	7.32	82	823491	41.81	ng	#	67
26) 2-Nitrophenol	7.75	139	374	5.35	ng	#	40
32) Benzoic acid	7.75	122	115	6.42	ng		92
50) 2,6-Dinitrotoluene	9.79	165	29125	8.73	ng	#	35
56) 2,4-Dinitrotoluene	9.79	165	29125	6.96	ng	#	34
64) 4,6-Dinitro-2-methylphenol	10.57	198	279	8.45	ng	#	1
66) 4-Bromophenyl-phenylether	10.57	248	8339	2.15	ng	#	1

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

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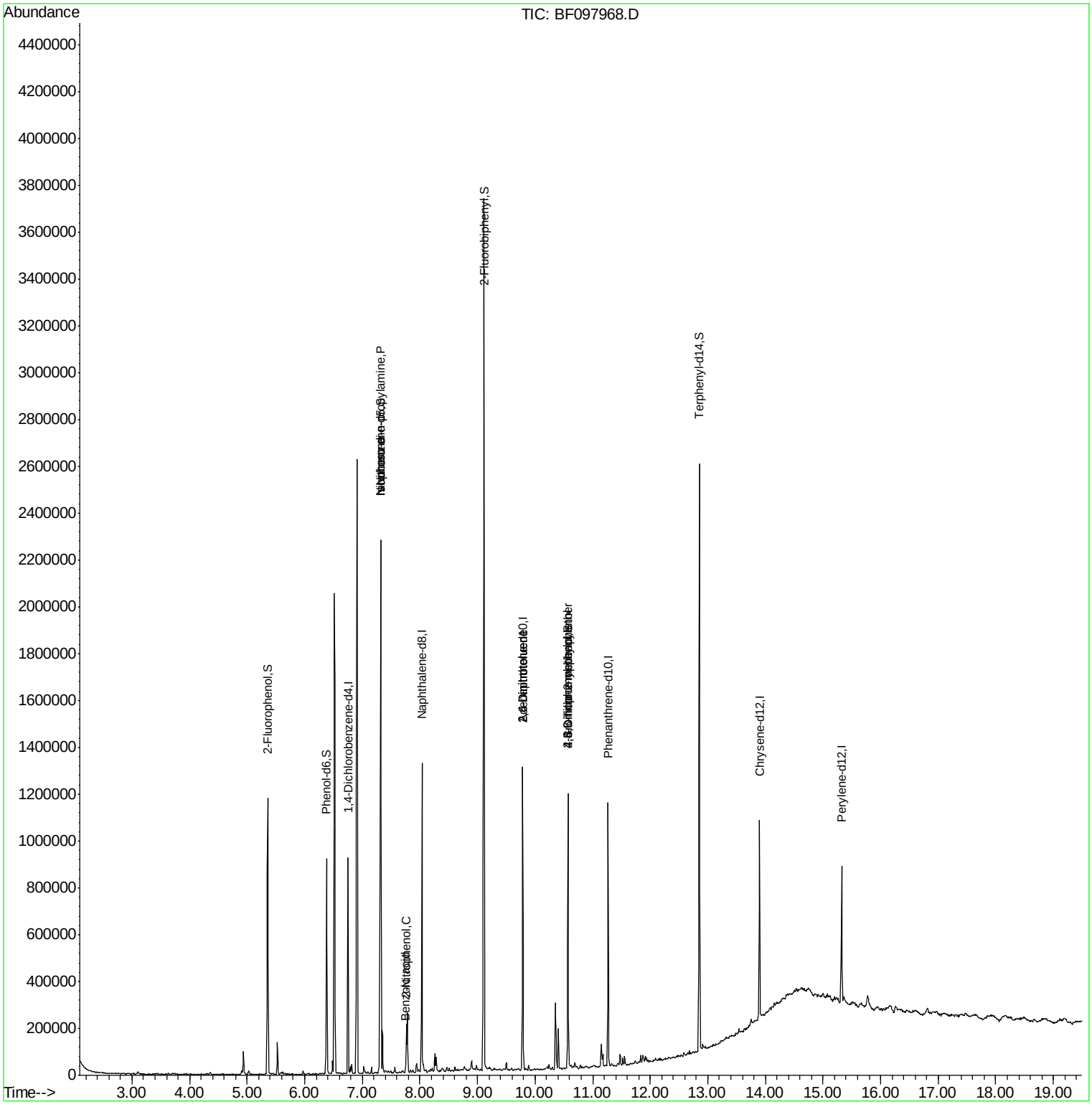
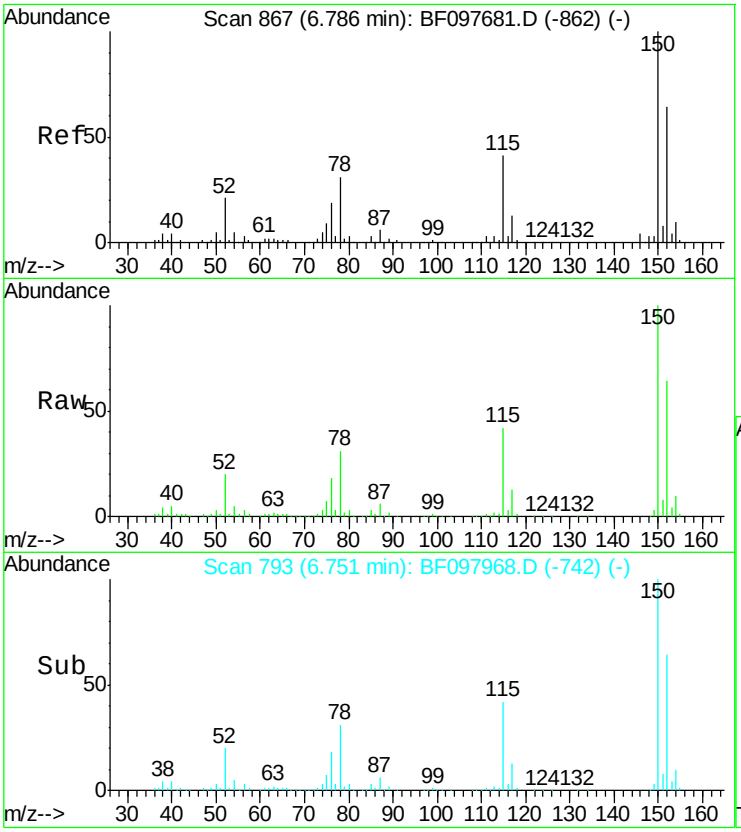


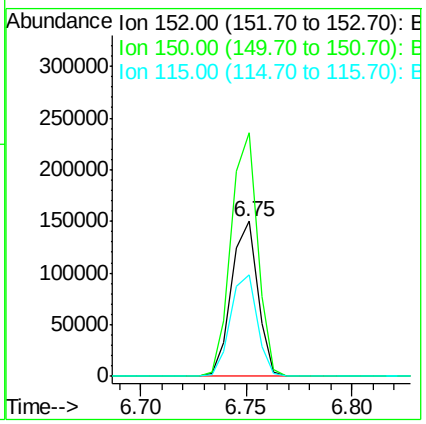


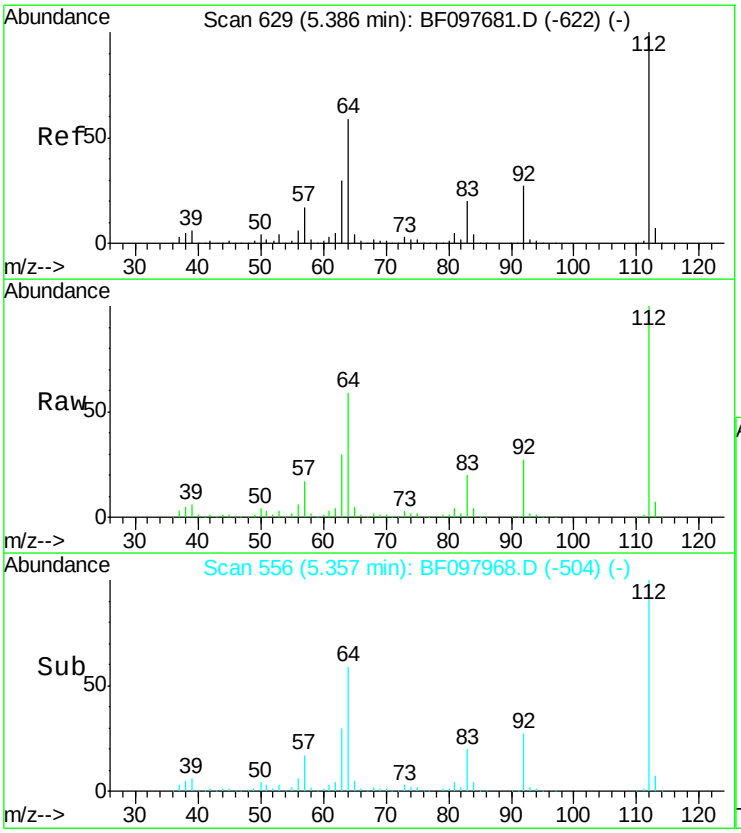
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Instrument :
BNA_F
ClientSampleId :
VL-WWTP-005

Tgt Ion:152 Resp: 129248

Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	65.5	52.2	78.2

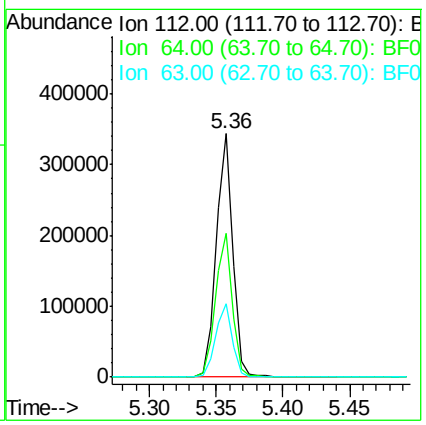


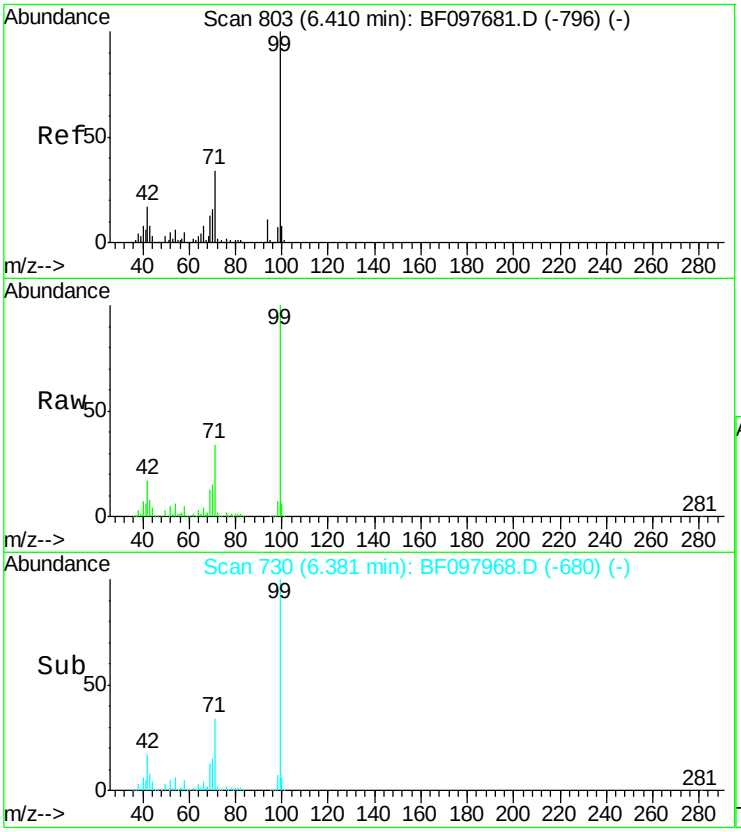


#5
2-Fluorophenol
Concen: 35.50 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Tgt Ion:112 Resp: 301607

Ion	Ratio	Lower	Upper
112	100		
64	58.9	46.0	69.0
63	30.2	23.4	35.0



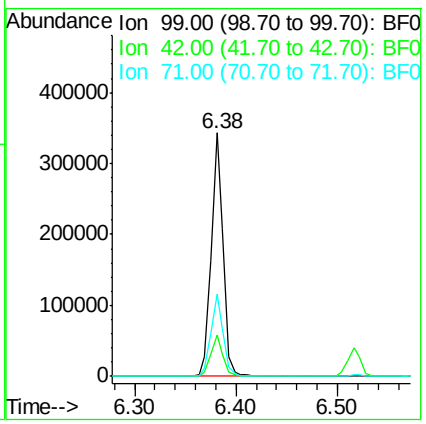


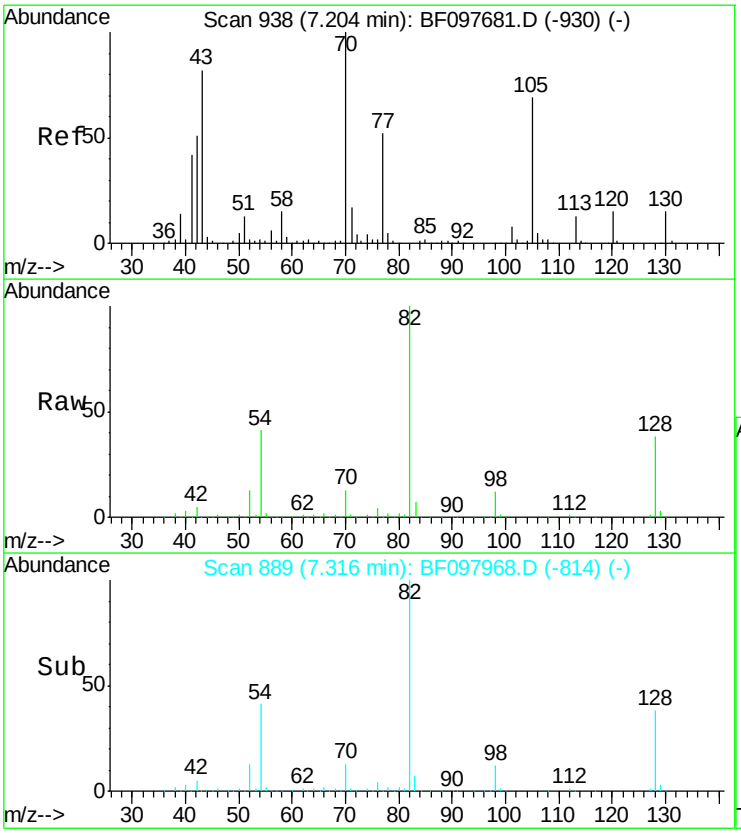
#7
Phenol-d6
Concen: 24.14 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Instrument :
BNA_F
ClientSampleId :
VL-WWTP-005

Tgt Ion: 99 Resp: 278689

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	33.7	24.5	36.7

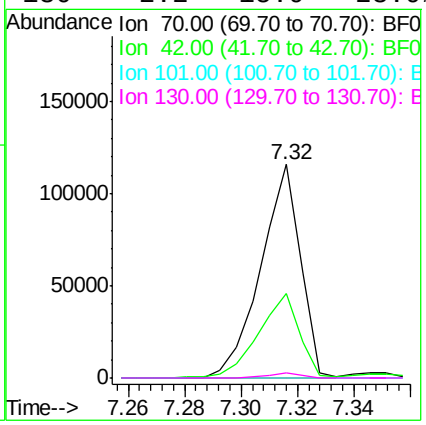


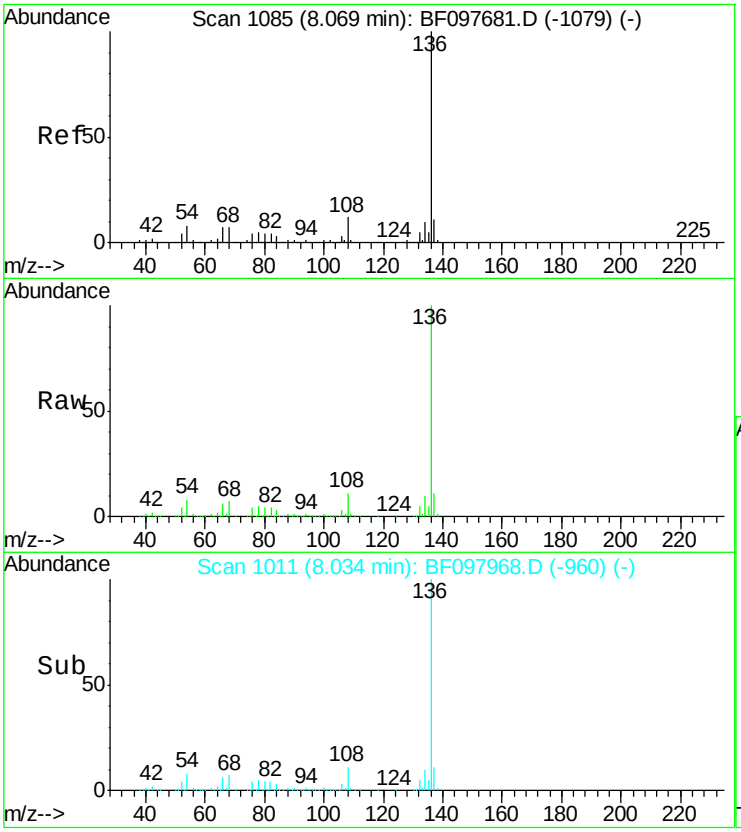


#19
n-Nitroso-di-n-propylamine
Concen: 14.38 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Tgt Ion: 70 Resp: 113626

Ion	Ratio	Lower	Upper
70	100		
42	39.8	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



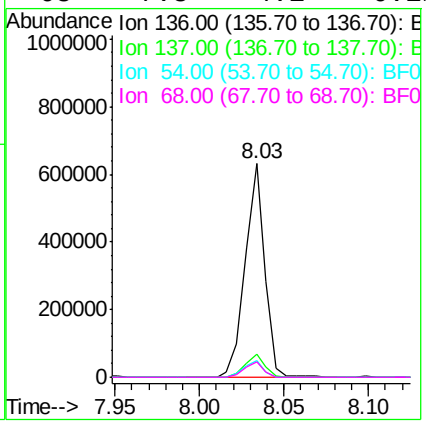


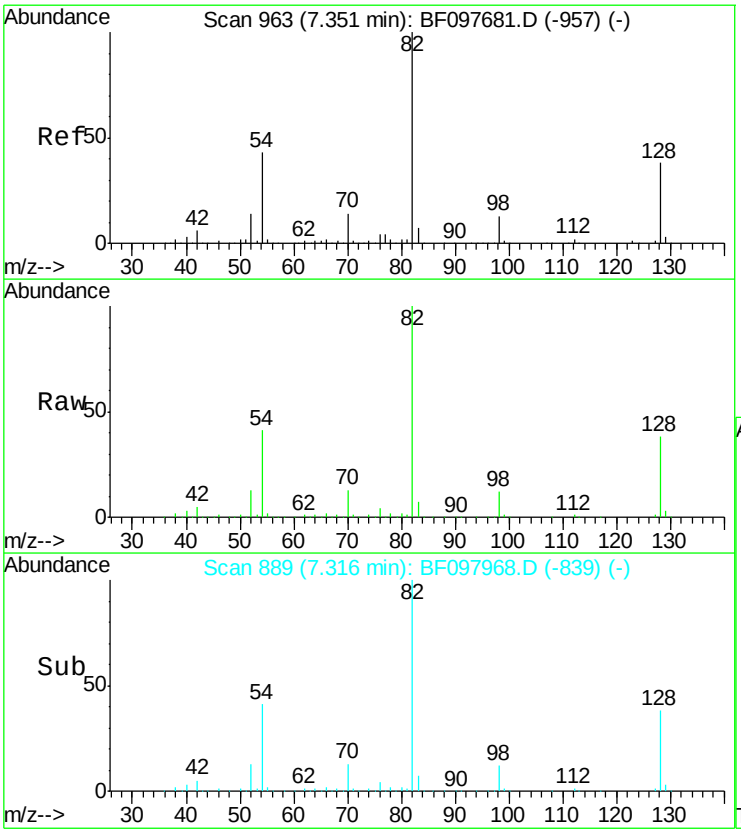
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Instrument :
BNA_F
ClientSampleId :
VL-WWTP-005

Tgt Ion:136 Resp: 514601

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.5	4.9	7.3#
68	7.3	4.1	6.1#

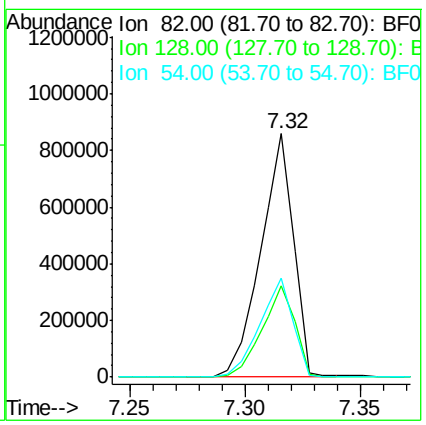


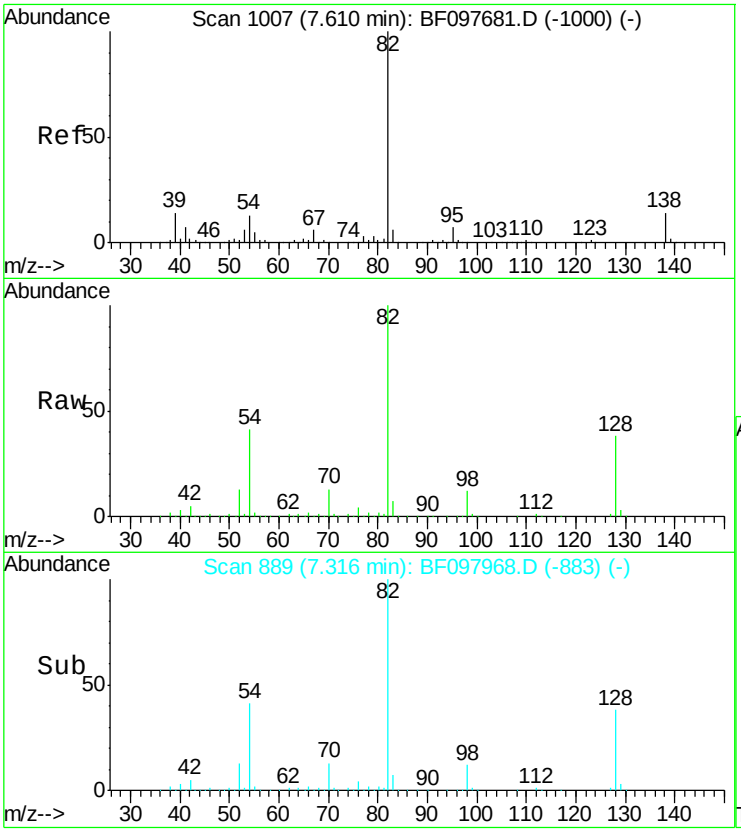


#23
Nitrobenzene-d5
Concen: 89.30 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Tgt Ion: 82 Resp: 845945

Ion	Ratio	Lower	Upper
82	100		
128	37.7	34.0	51.0
54	40.8	42.2	63.2#

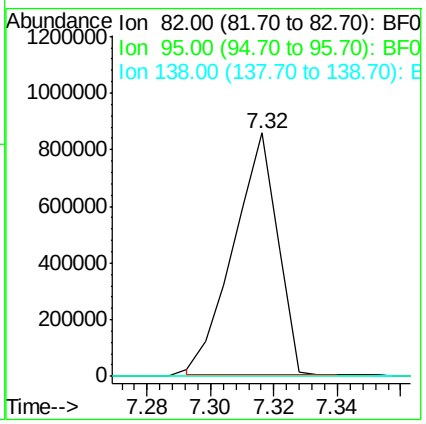




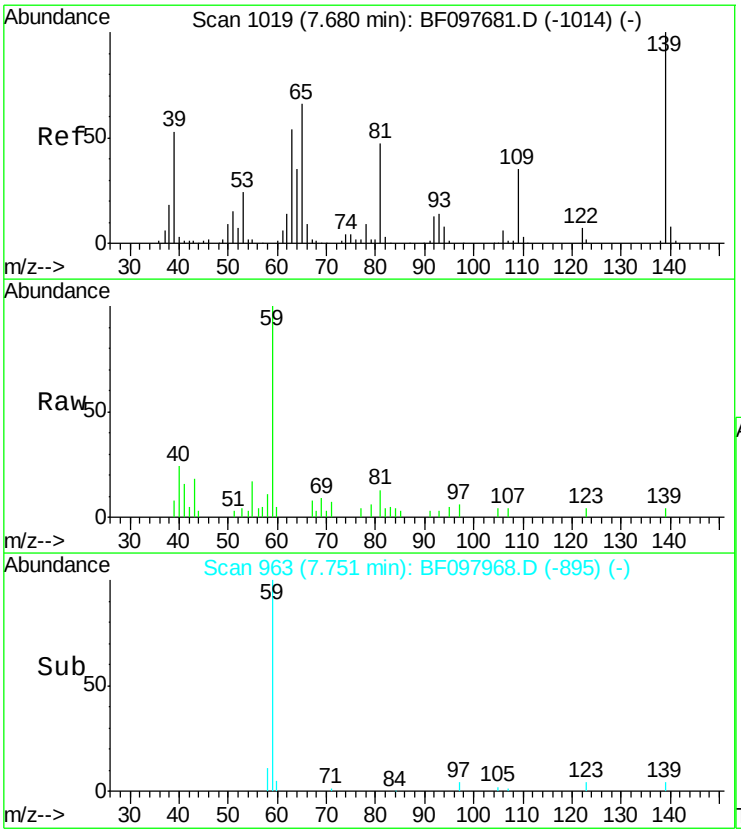
#25
Isophorone
Concen: 41.81 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Tgt Ion: 82 Resp: 823491

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



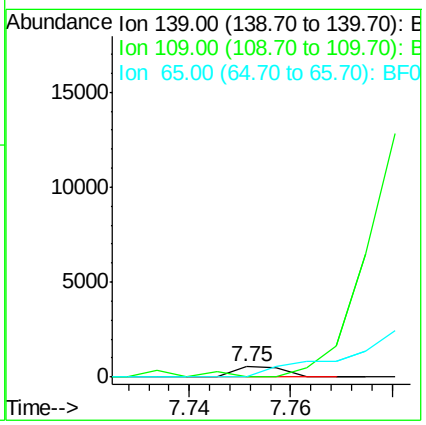
Instrument :
BNA_F
ClientSampleId :
VL-WWTP-005

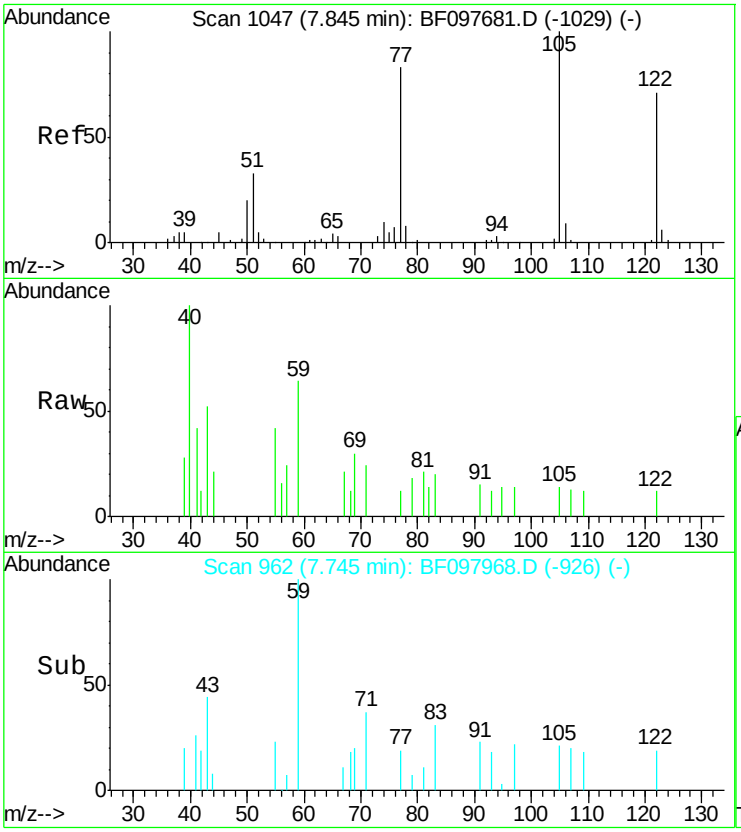


#26
2-Nitrophenol
Concen: 5.35 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.10 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Tgt Ion:139 Resp: 374

Ion	Ratio	Lower	Upper
139	100		
109	0.0	21.0	31.6#
65	0.0	33.0	49.6#



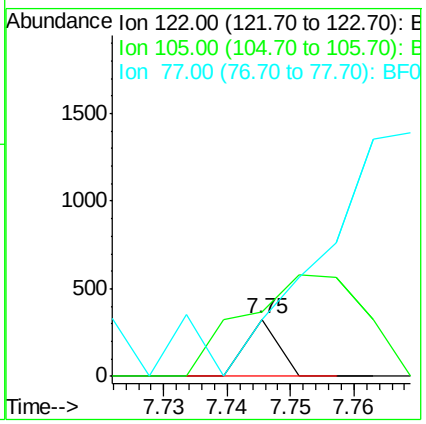


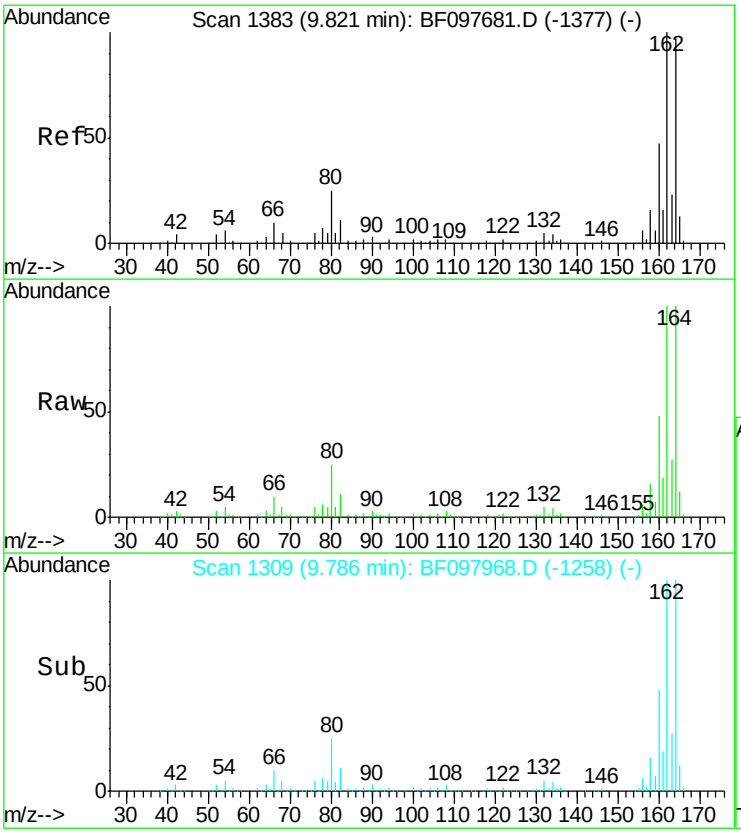
#32
Benzoic acid
Concen: 6.42 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.09 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Instrument :
BNA_F
ClientSampleId :
VL-WWTP-005

Tgt Ion:122 Resp: 115

Ion	Ratio	Lower	Upper
122	100		
105	112.6	103.3	143.3
77	99.1	73.7	113.7

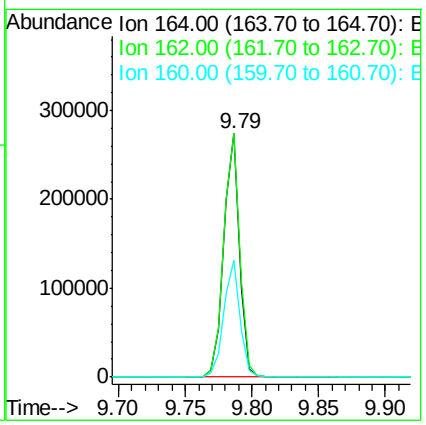


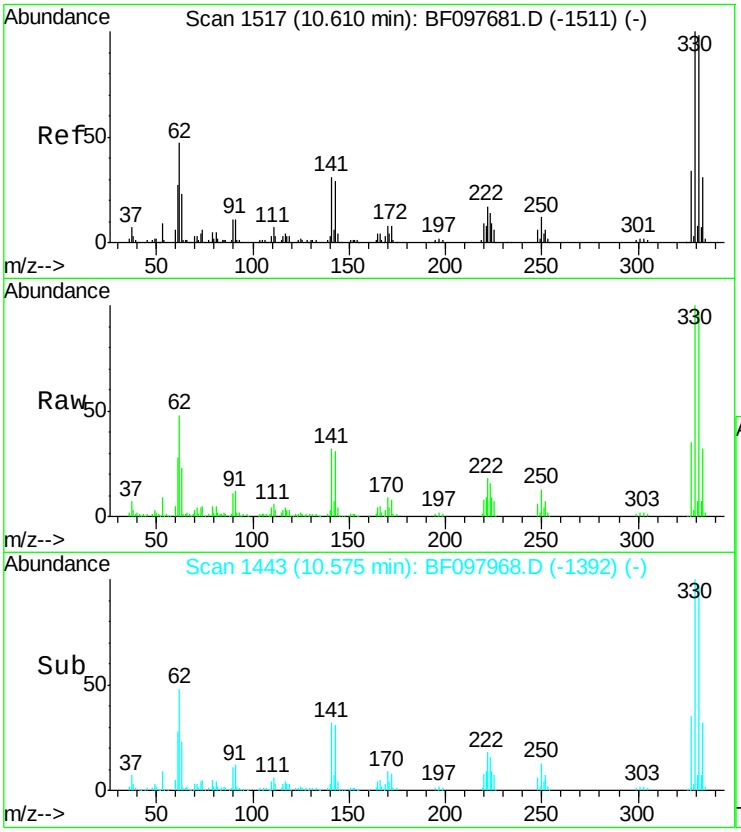


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Tgt Ion:164 Resp: 228575

Ion	Ratio	Lower	Upper
164	100		
162	100.2	82.6	123.8
160	48.2	36.2	54.2



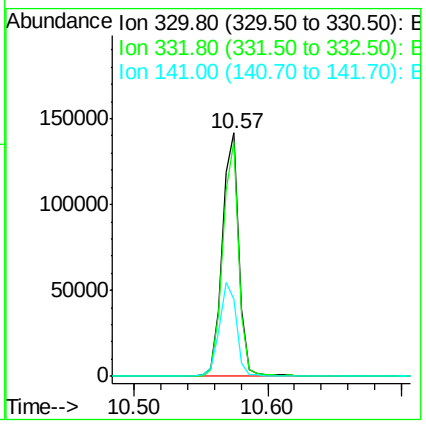


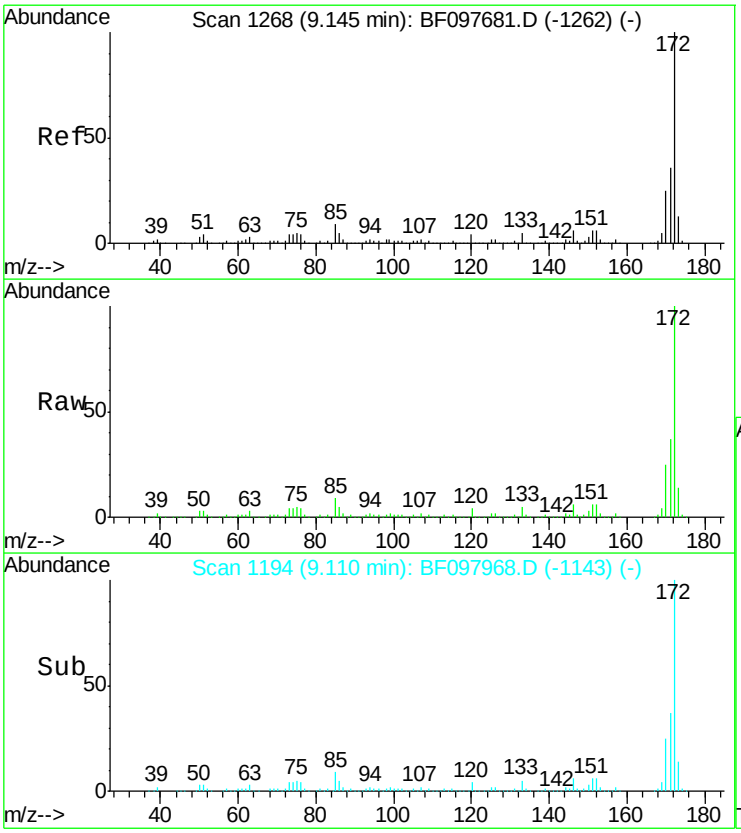
#41
2,4,6-Tribromophenol
Concen: 62.84 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Instrument :
BNA_F
ClientSampleId :
VL-WWTP-005

Tgt Ion:330 Resp: 124624

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.6	115.0
141	40.8	31.4	47.2

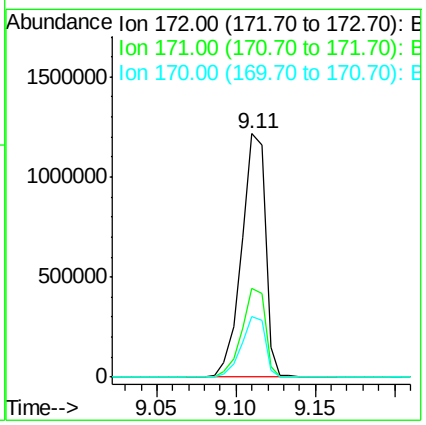


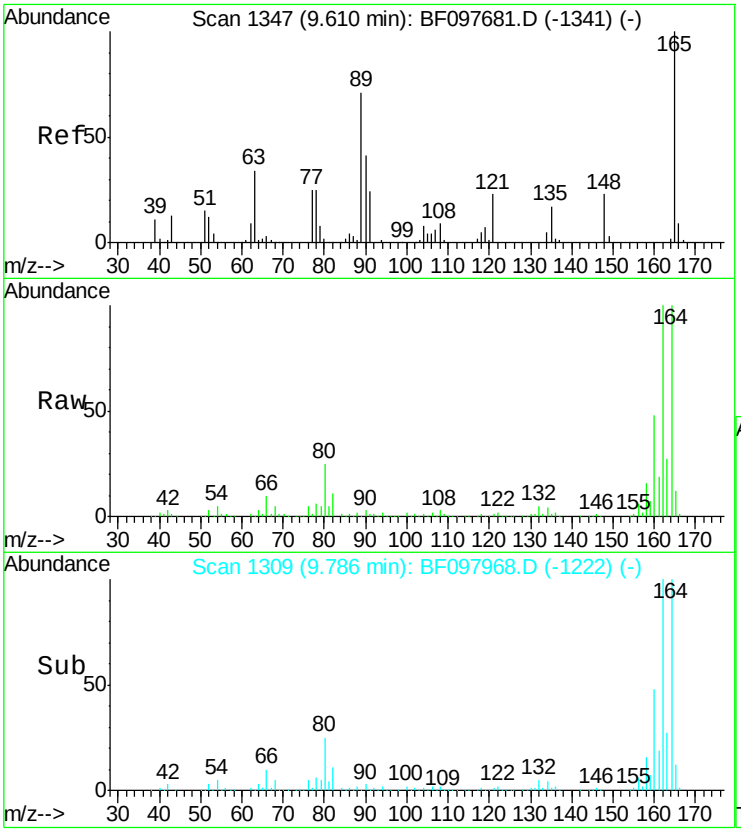


#44
2-Fluorobiphenyl
Concen: 81.50 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Tgt Ion:172 Resp: 1267895

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.9	19.8	29.8



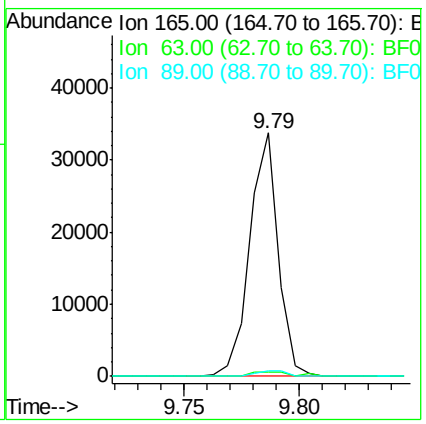


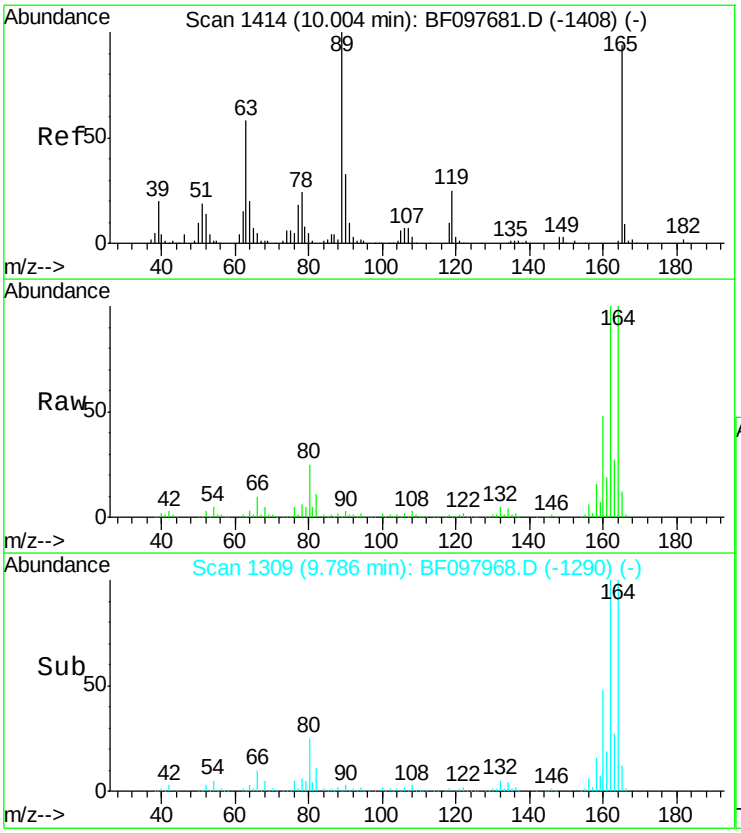
#50
2,6-Dinitrotoluene
Concen: 8.73 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.21 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Instrument :
BNA_F
ClientSampleId :
VL-WWTP-005

Tgt Ion:165 Resp: 29125

Ion	Ratio	Lower	Upper
165	100		
63	2.0	34.3	51.5#
89	2.2	37.1	55.7#

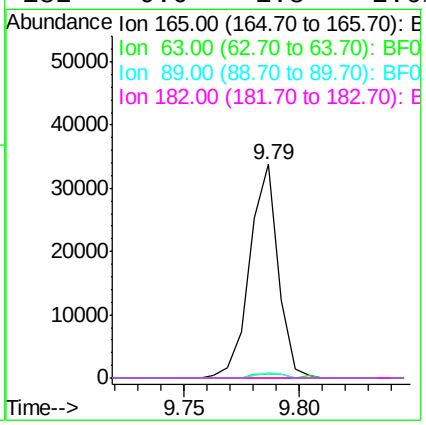


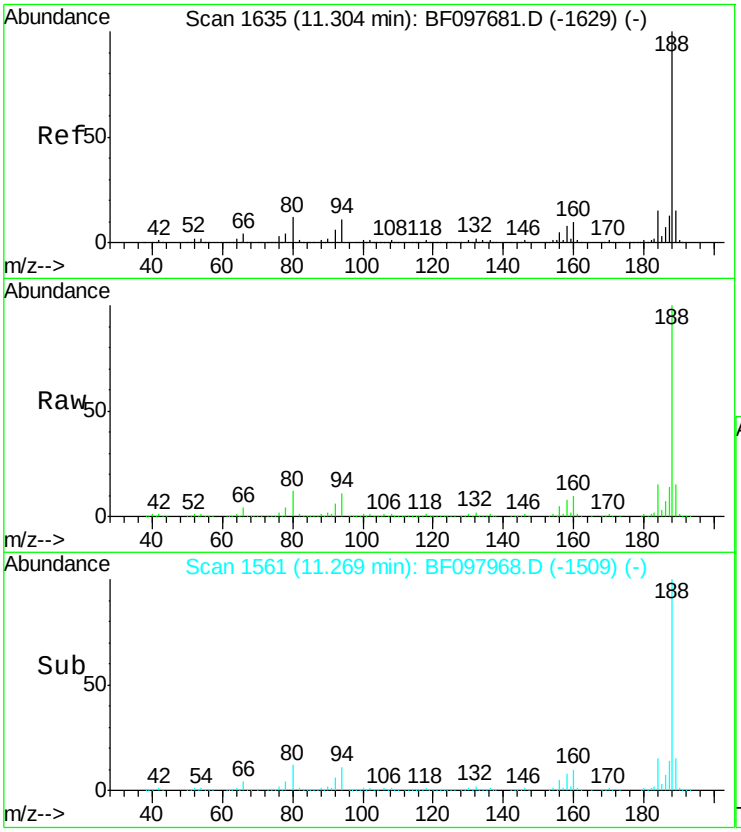


#56
2,4-Dinitrotoluene
Concen: 6.96 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.19 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Tgt Ion:165 Resp: 29125

Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	2.2	46.4	69.6#
182	0.0	1.8	2.6#



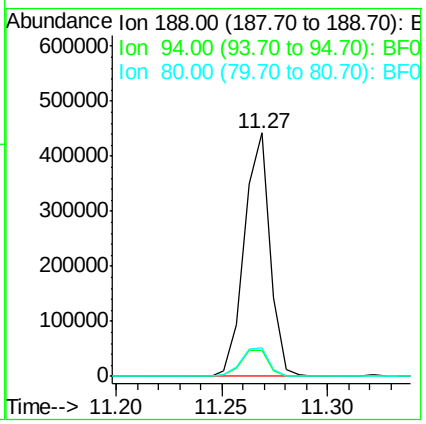


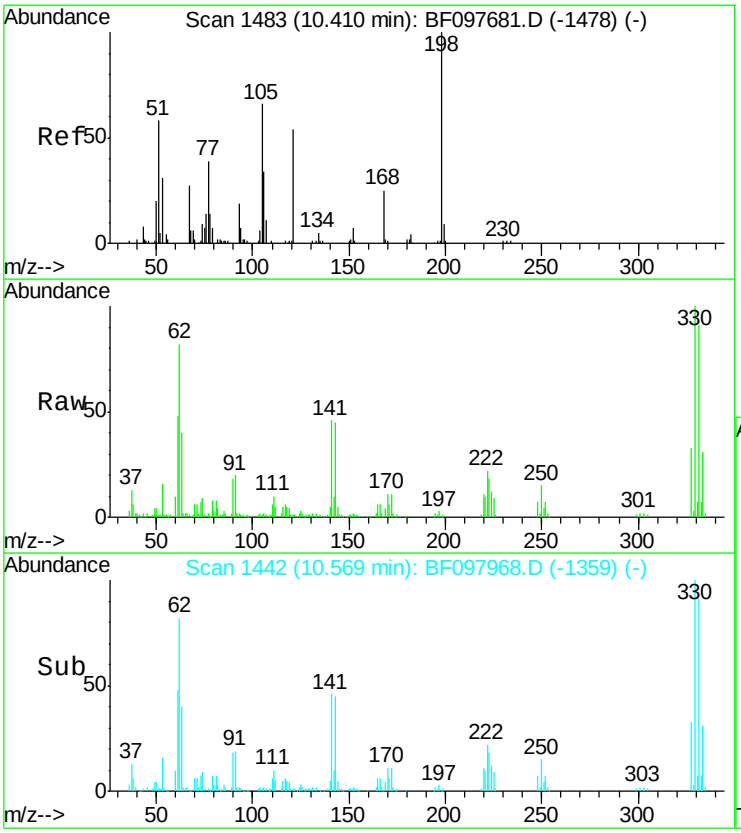
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Instrument :
BNA_F
ClientSampleId :
VL-WWTP-005

Tgt Ion:188 Resp: 373756

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.7	10.2	15.2

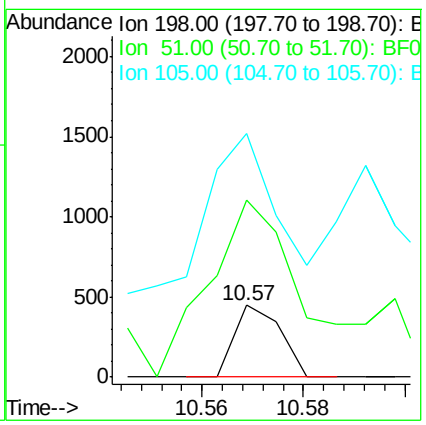


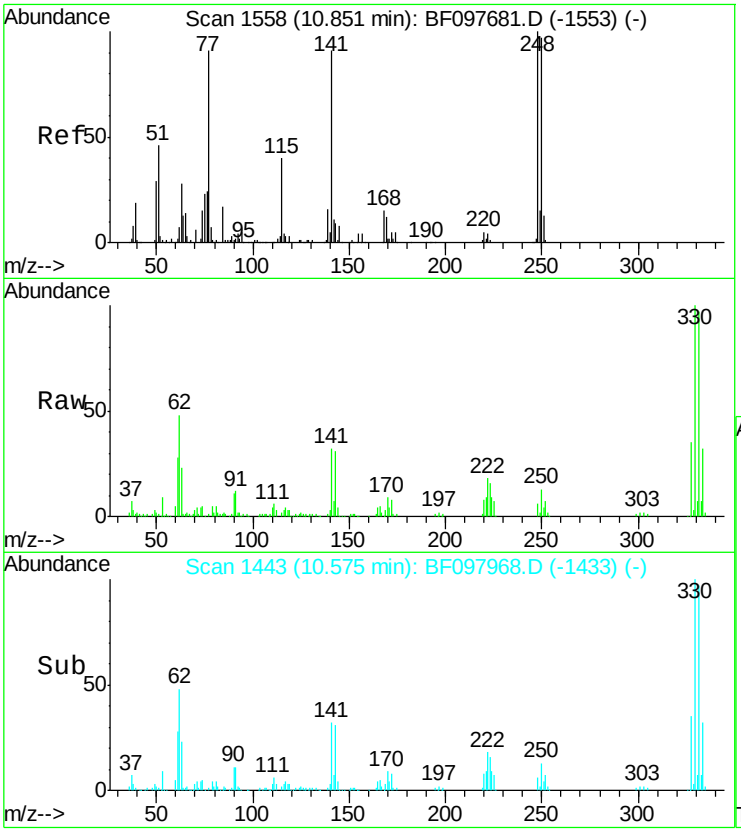


#64
4,6-Dinitro-2-methylphenol
Concen: 8.45 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.19 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Tgt Ion:198 Resp: 279

Ion	Ratio	Lower	Upper
198	100		
51	247.0	53.2	93.2#
105	339.8	45.8	85.8#



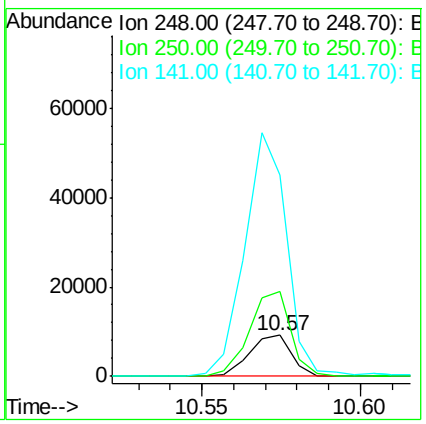


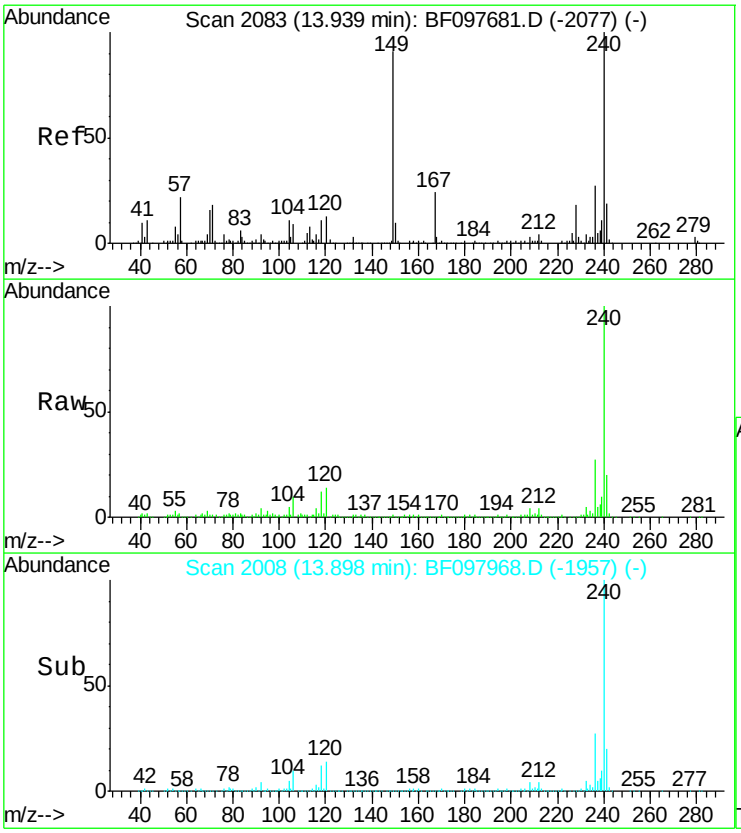
#66
4-Bromophenyl-phenylether
Concen: 2.15 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.24 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Instrument :
BNA_F
ClientSampleId :
VL-WWTP-005

Tgt Ion:248 Resp: 8339

Ion	Ratio	Lower	Upper
248	100		
250	206.6	76.8	115.2#
141	492.1	68.6	103.0#

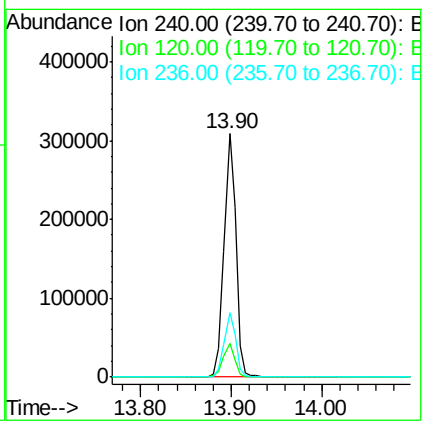


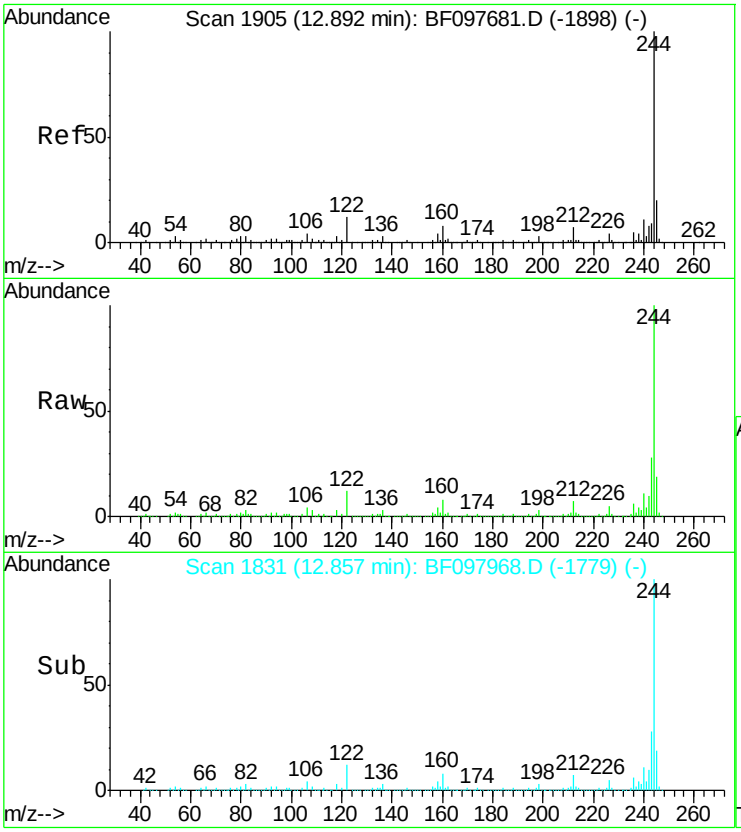


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Tgt Ion:240 Resp: 275442

Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	26.6	20.5	30.7



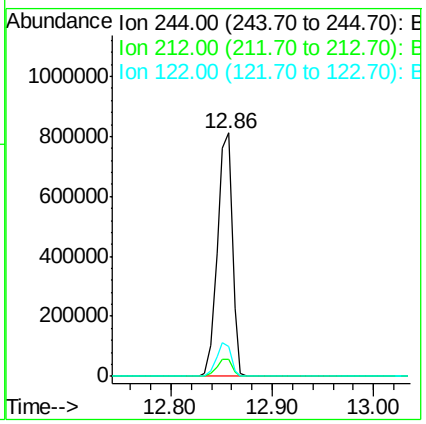


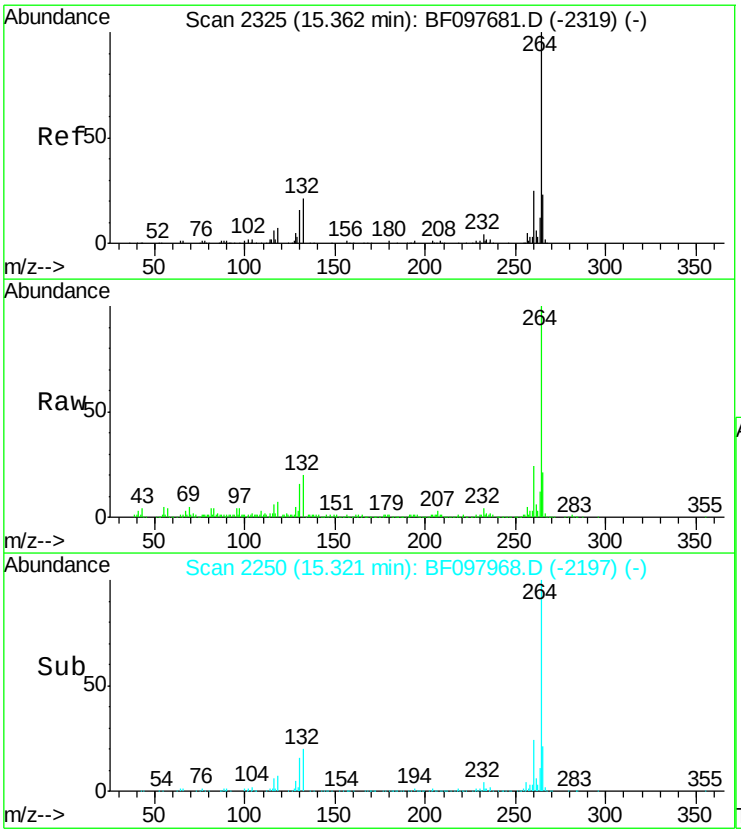
#78
Terphenyl-d14
Concen: 63.00 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Instrument :
BNA_F
ClientSampleId :
VL-WWTP-005

Tgt Ion:244 Resp: 832179

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.2	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF097968.D
Acq: 22 Aug 2017 22:02

Tgt Ion:264 Resp: 251304

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.0	17.2	25.8