Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081718\
Data File : BF108257.D
Acq On : 17 Aug 2018 21:42
Operator : JU/SJ
Sample : J4506-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTE-WATER

Quant Time: Aug 17 23:46:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	137169	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	488930	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	245991	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	401925	20.00	ng	0.00
75) Chrysene-d12	14.21	240	381514	20.00	ng	0.00
86) Perylene-d12	15.77	264	280197	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	346944	45.79	ng	0.03
7) Phenol-d6	6.67	99	40073	3.98	ng	0.04
23) Nitrobenzene-d5	7.60	82	844885	96.43	ng	0.02
41) 2,4,6-Tribromophenol	10.86	330	211805	86.32	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1501063	97.97	ng	0.00
78) Terphenyl-d14	13.15	244	1263887	84.23	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.14	79	50720	5.984	ng	# 36
19) n-Nitroso-di-n-propylamine	7.43	70	92664	13.610	ng	# 46
20) 3+4-Methylphenols	7.44	107	48533	5.175	ng	90
25) Isophorone	7.60	82	841454	50.385	ng	# 64
32) Benzoic acid	8.07	122	60073	18.202	ng	# 34
49) Dimethylphthalate	9.77	163	62930	3.673	ng	# 97
53) 2,4-Dinitrophenol	9.98	184	1301	7.905	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.49	198	361	5.571	ng	# 1
66) 4-Bromophenyl-phenylether	10.86	248	14062	3.219	ng	# 1

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

Quantitation Report (Not Reviewed)

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Operator : JU/SJ
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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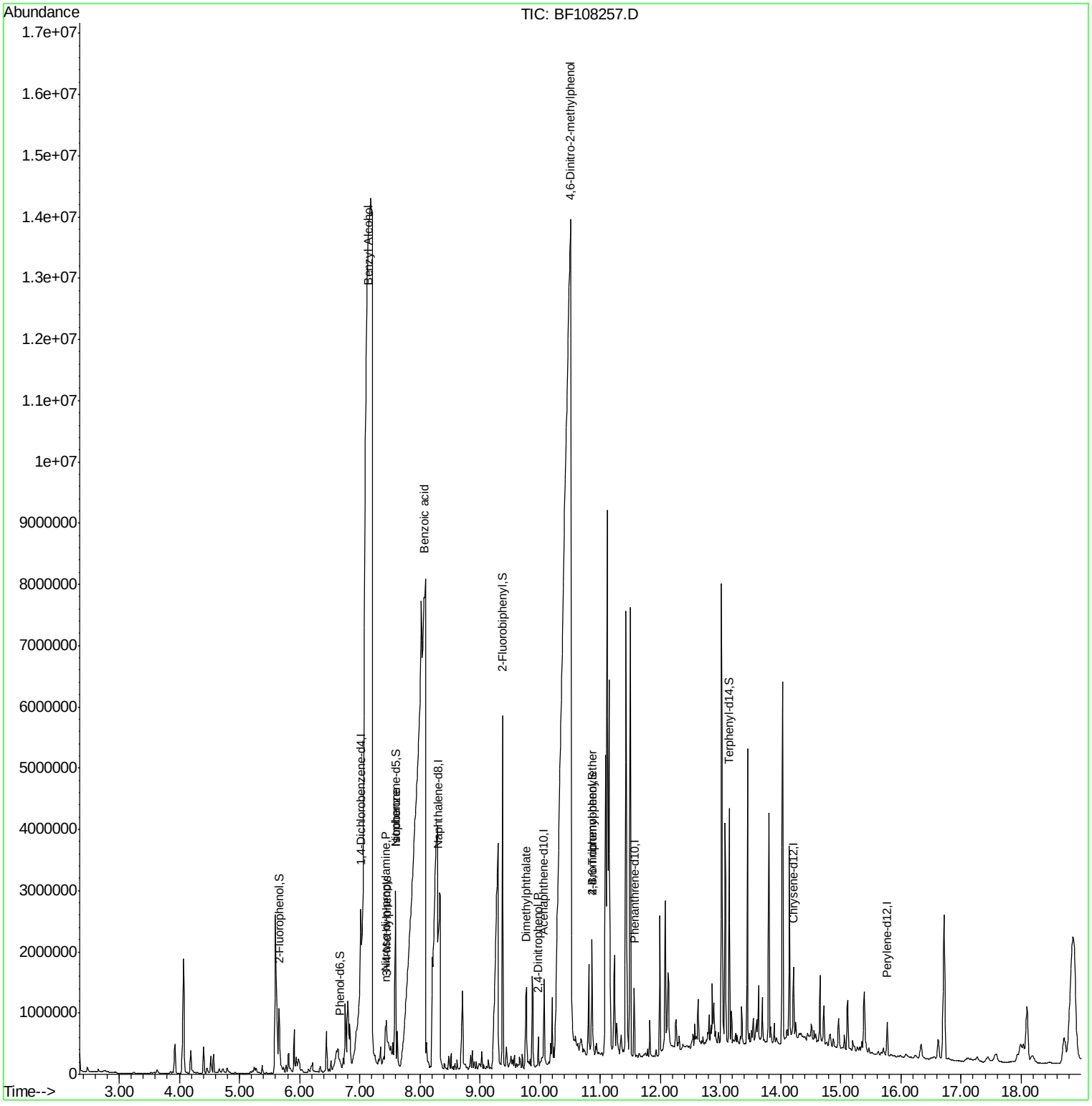
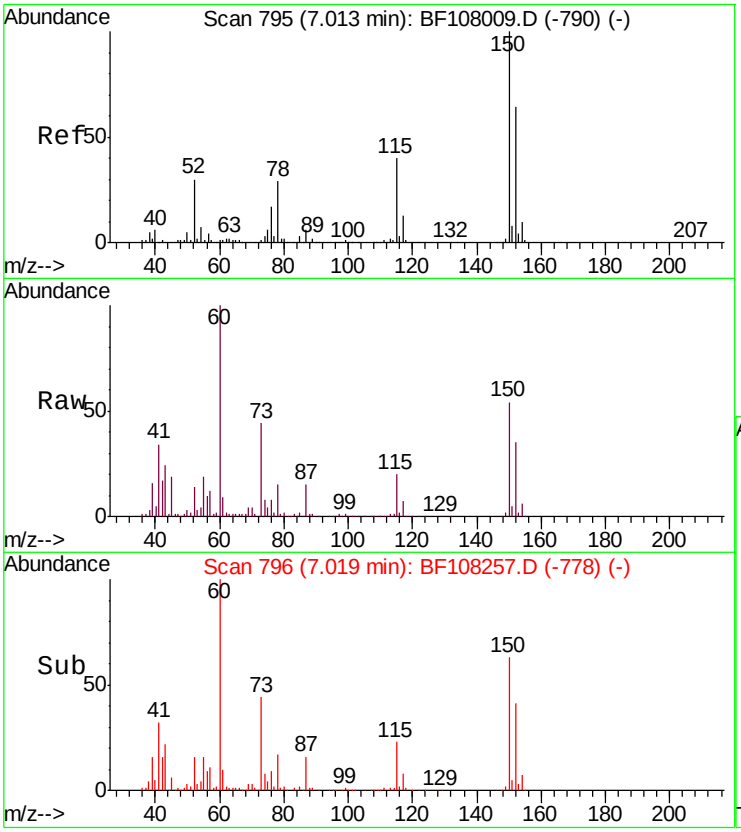


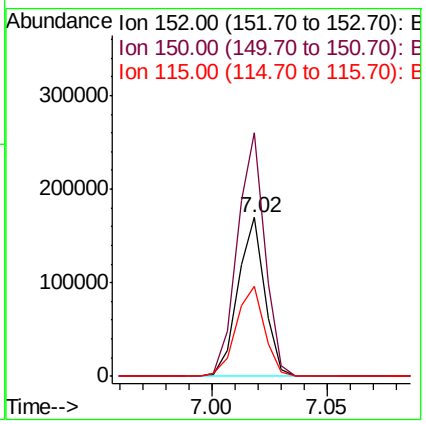


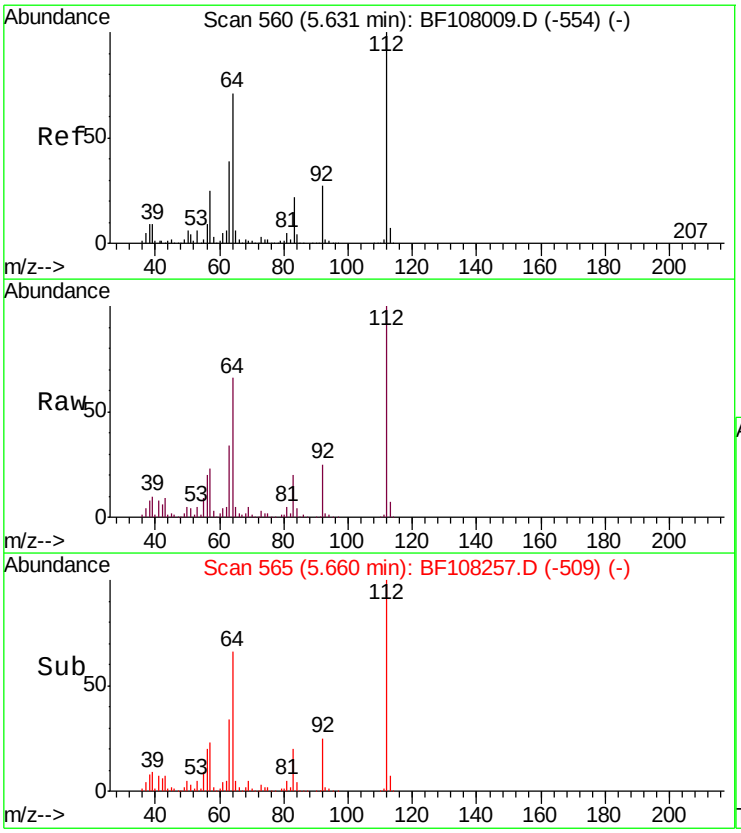
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:152 Resp: 137169

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	57.2	50.1	75.1

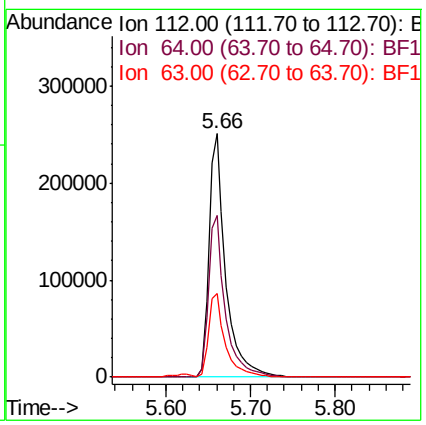


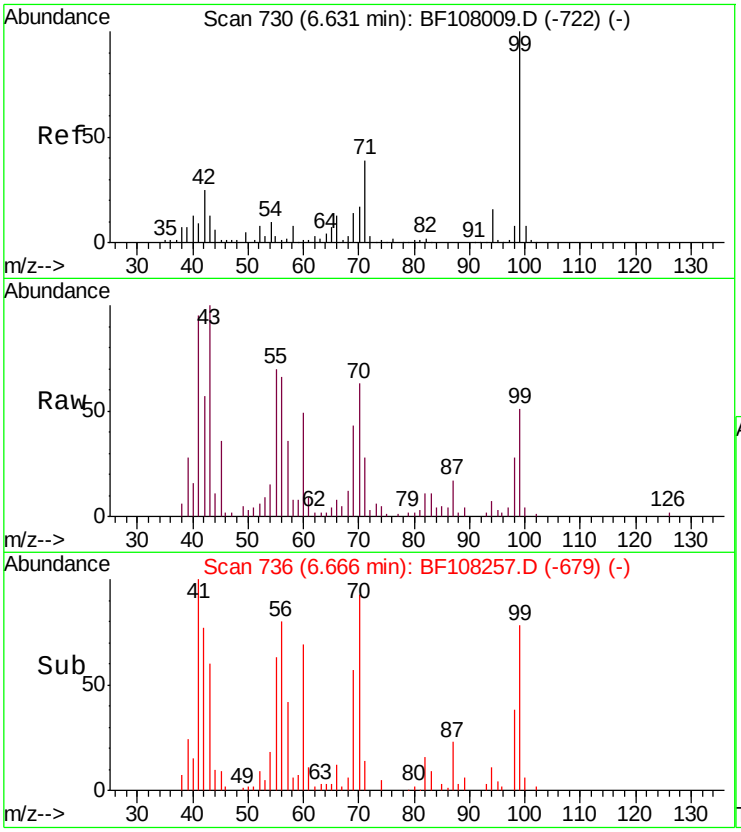


#5
2-Fluorophenol
Concen: 45.792 ng
RT: 5.66 min Scan# 565
Delta R.T. 0.03 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Tgt Ion:112 Resp: 346944

Ion	Ratio	Lower	Upper
112	100		
64	66.5	47.9	71.9
63	34.3	23.7	35.5



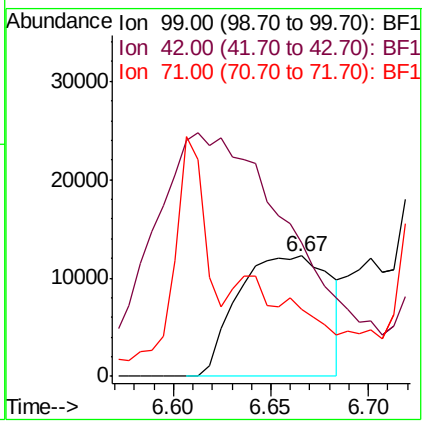


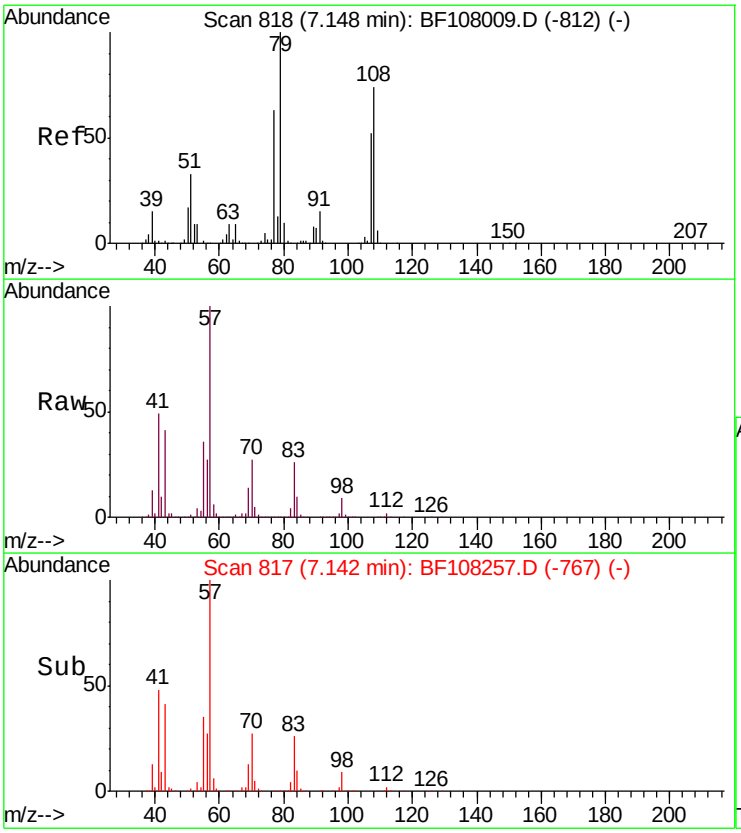
#7
Phenol-d6
Concen: 3.980 ng
RT: 6.67 min Scan# 736
Delta R.T. 0.04 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion: 99 Resp: 40073

Ion	Ratio	Lower	Upper
99	100		
42	110.9	14.5	21.7#
71	55.3	25.4	38.0#

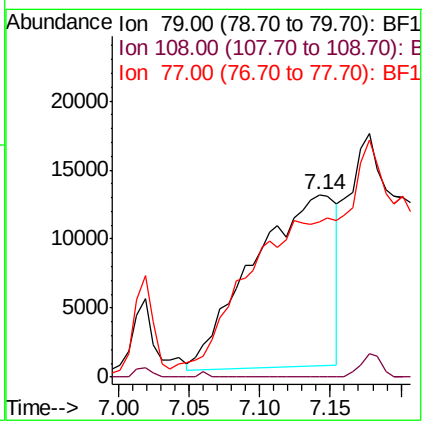


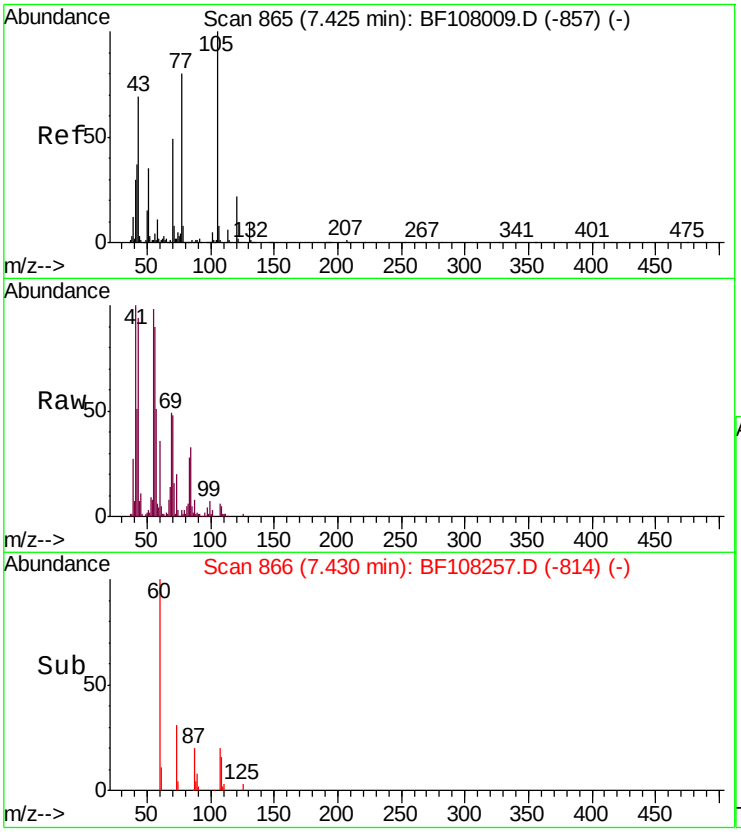


#15
Benzyl Alcohol
Concen: 5.984 ng
RT: 7.14 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Tgt Ion: 79 Resp: 50720

Ion	Ratio	Lower	Upper
79	100		
108	0.0	65.1	97.7#
77	85.0	50.6	75.8#



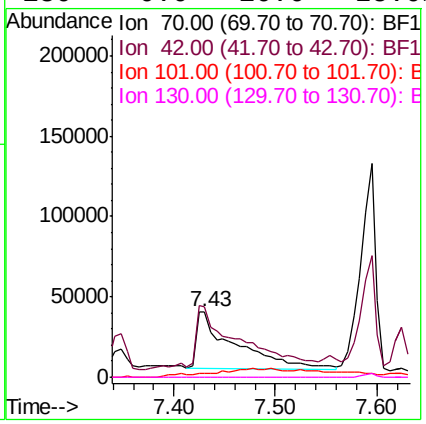


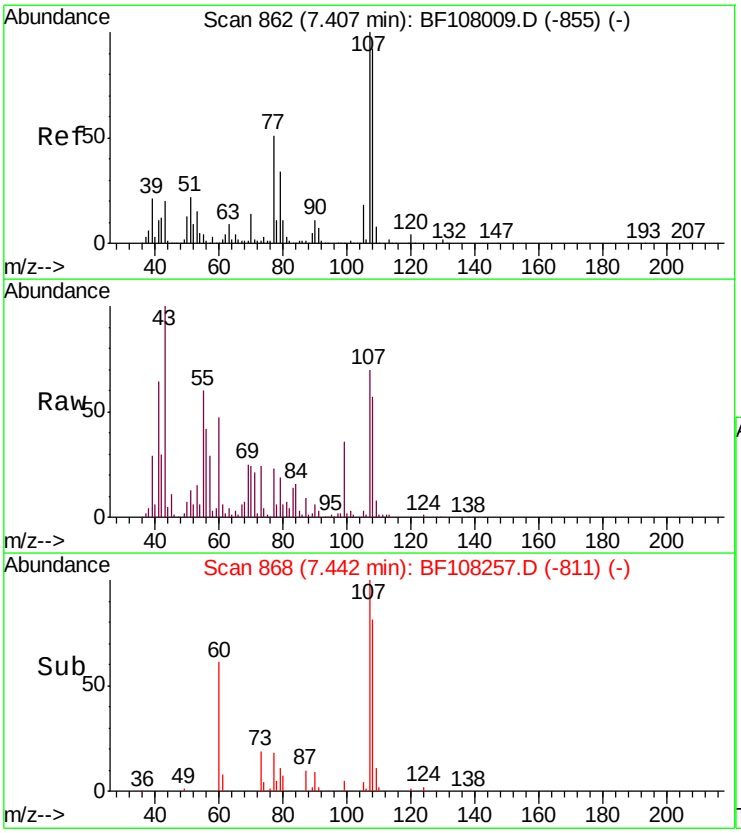
#19
n-Nitroso-di-n-propylamine
Concen: 13.610 ng
RT: 7.43 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion: 70 Resp: 92664

Ion	Ratio	Lower	Upper
70	100		
42	107.6	47.5	71.3#
101	5.6	7.4	11.2#
130	0.0	16.6	25.0#

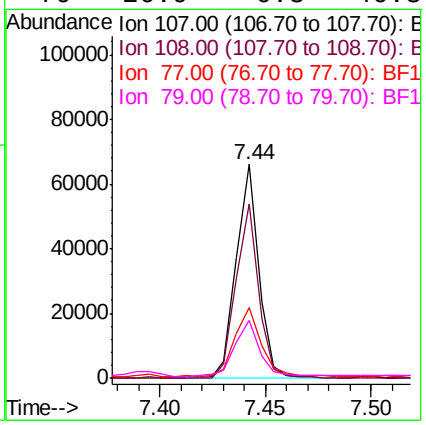


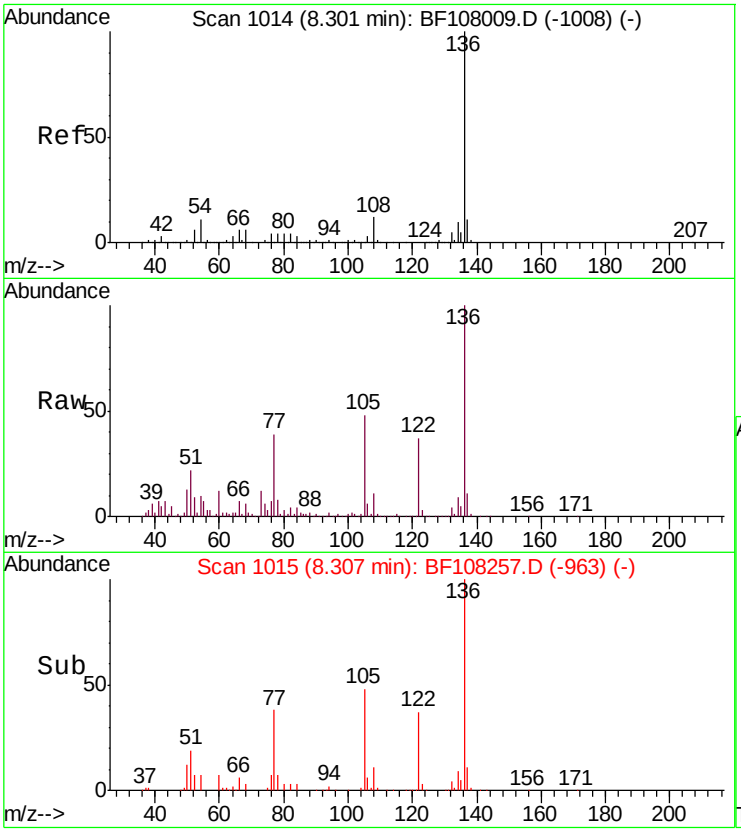


#20
3+4-Methylphenols
Concen: 5.175 ng
RT: 7.44 min Scan# 868
Delta R.T. 0.04 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Tgt Ion:107 Resp: 48533

Ion	Ratio	Lower	Upper
107	100		
108	81.4	68.2	108.2
77	33.1	26.7	66.7
79	26.9	6.3	46.3



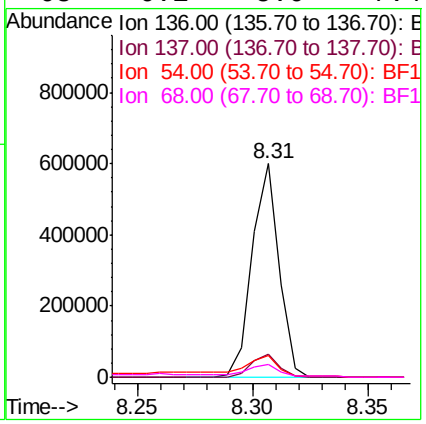


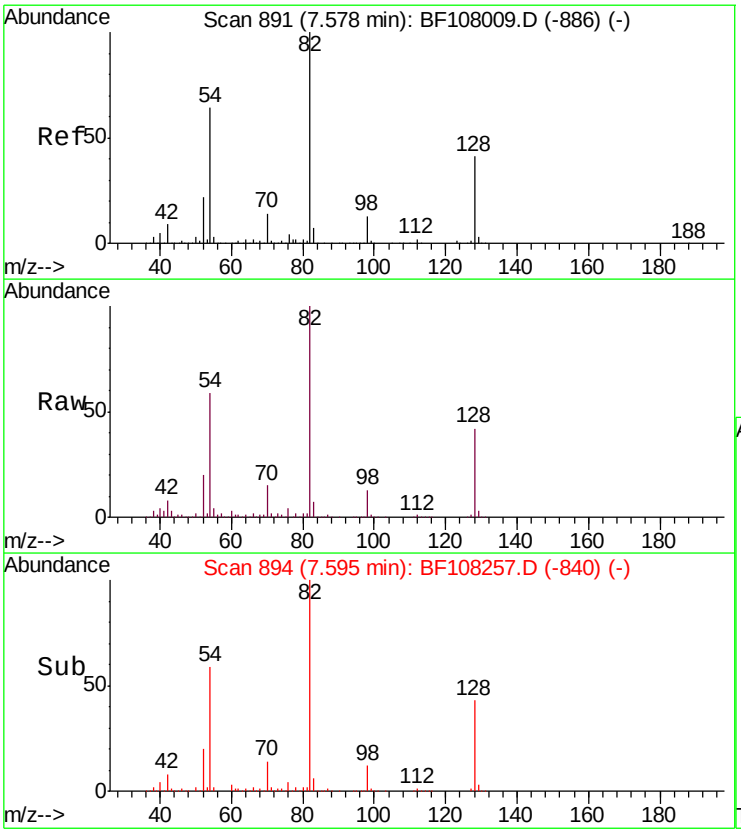
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:136 Resp: 488930

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.0	6.6	9.8#
68	6.1	5.0	7.4

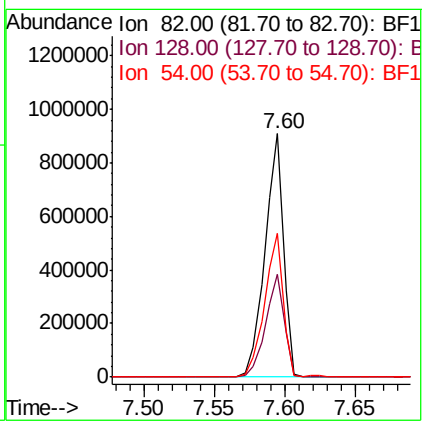


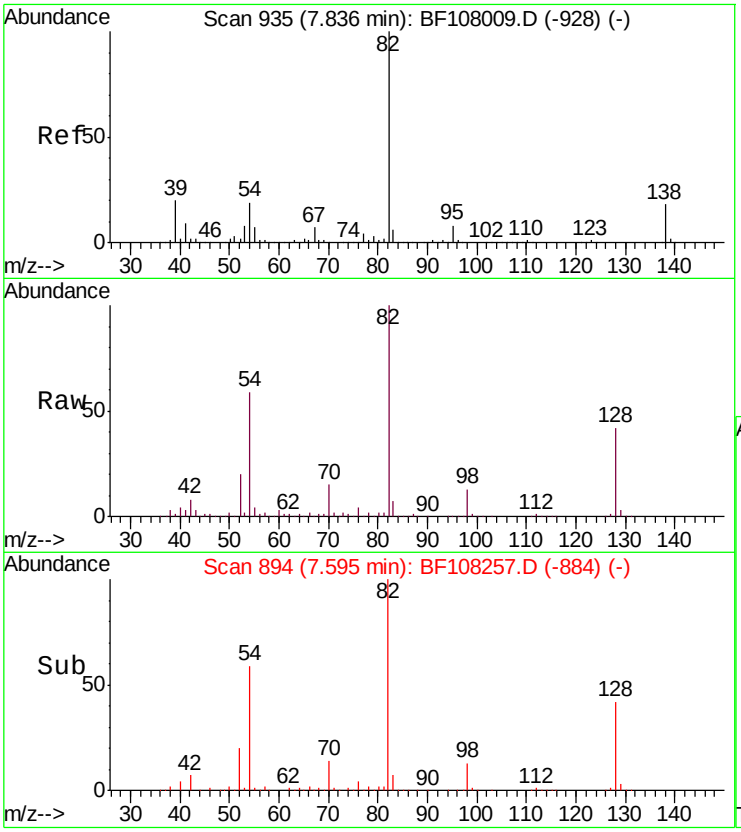


#23
Nitrobenzene-d5
Concen: 96.426 ng
RT: 7.60 min Scan# 894
Delta R.T. 0.02 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Tgt Ion: 82 Resp: 844885

Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	59.3	41.4	62.2



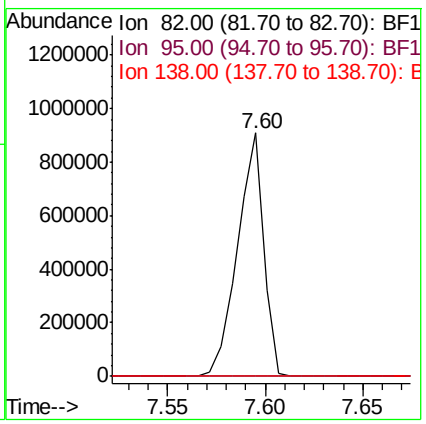


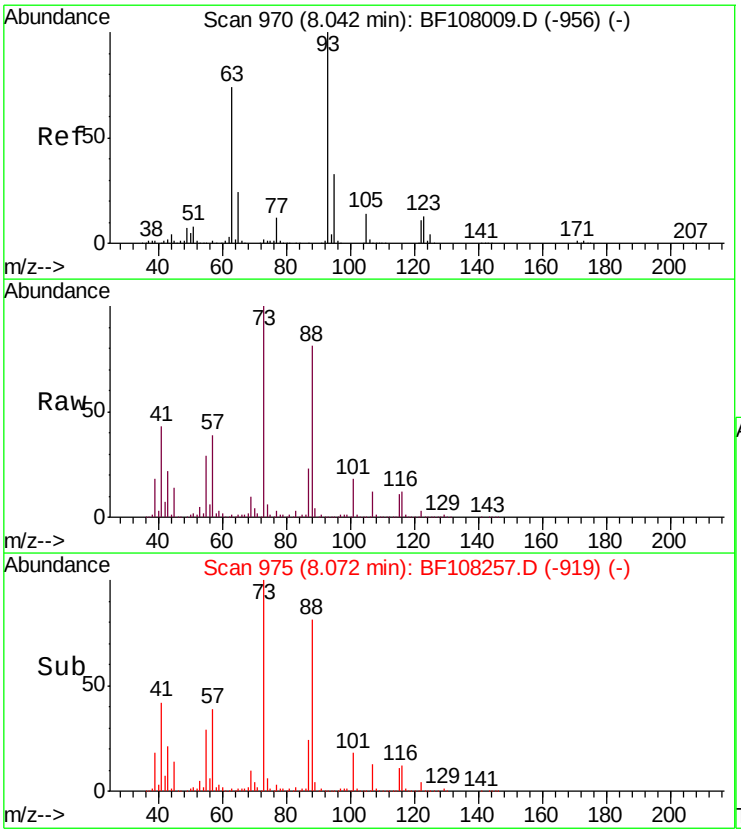
#25
Isophorone
Concen: 50.385 ng
RT: 7.60 min Scan# 894
Delta R.T. -0.24 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion: 82 Resp: 841454

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

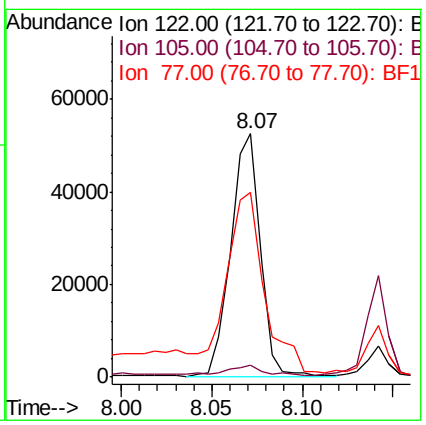


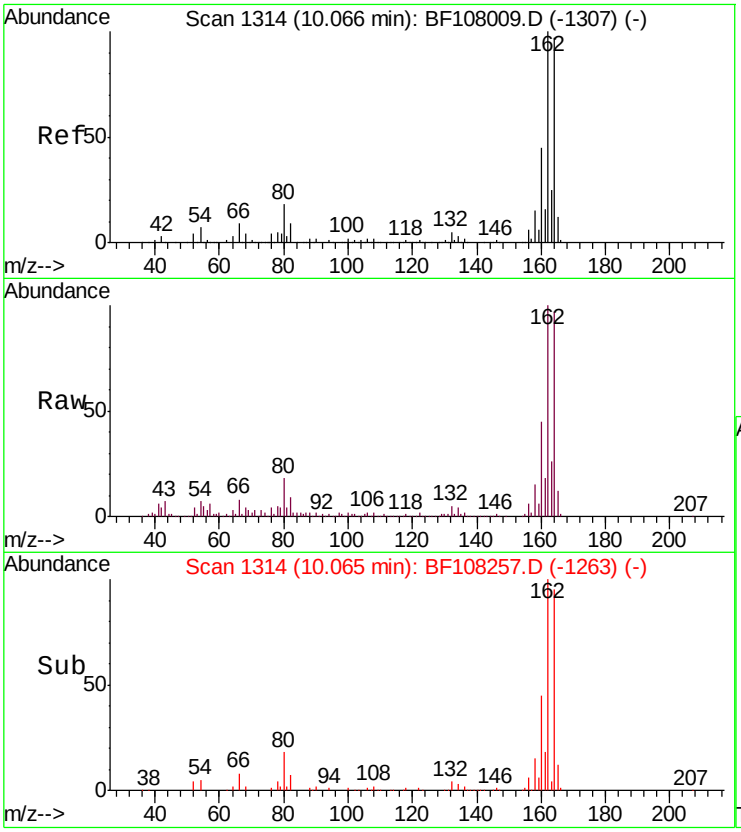


#32
Benzoic acid
Concen: 18.202 ng
RT: 8.07 min Scan# 975
Delta R.T. 0.03 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Tgt Ion:122 Resp: 60073

Ion	Ratio	Lower	Upper
122	100		
105	4.7	101.1	141.1#
77	75.8	70.7	110.7



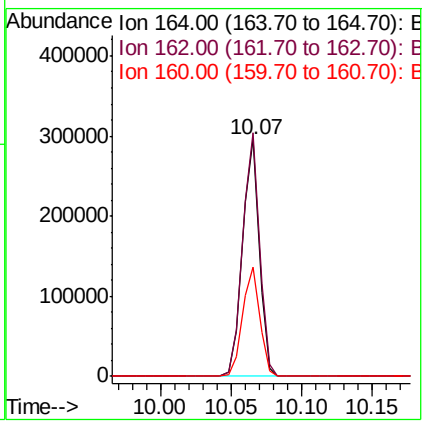


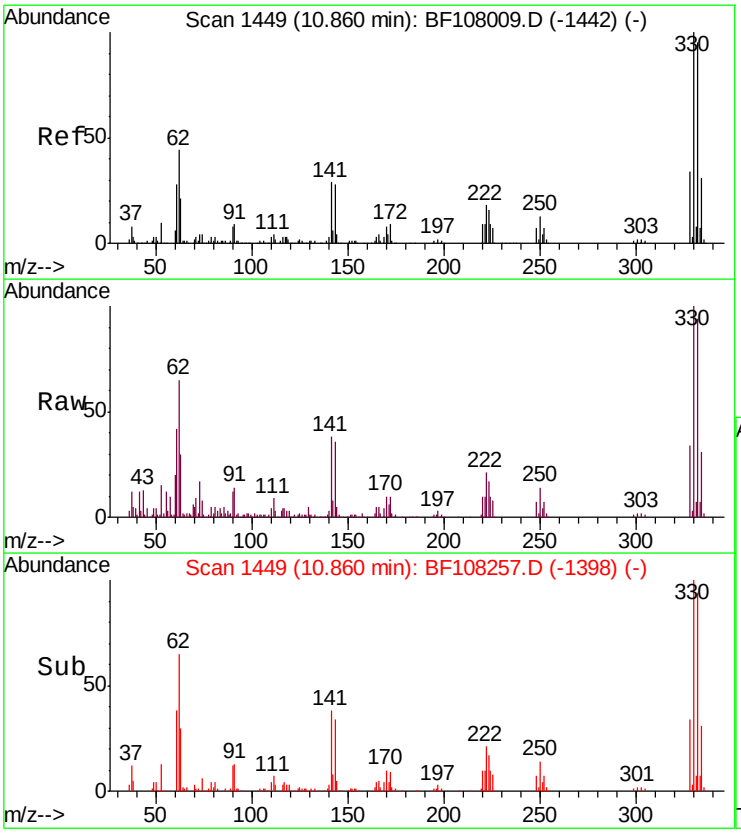
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:164 Resp: 245991

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	46.1	38.3	57.5

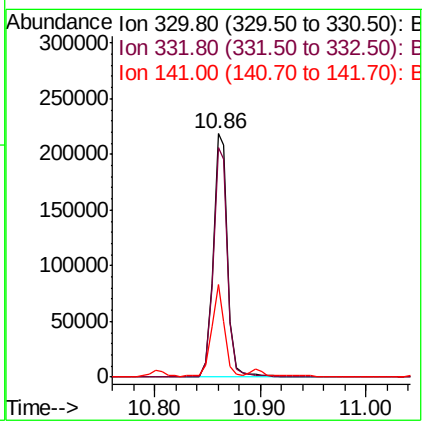


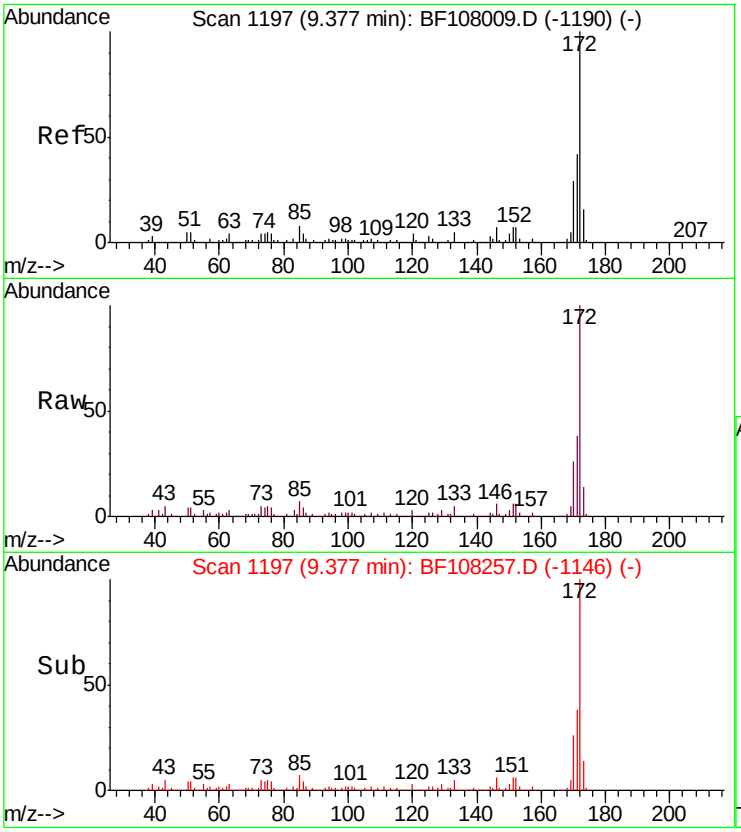


#41
2,4,6-Tribromophenol
Concen: 86.321 ng
RT: 10.86 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Tgt Ion:330 Resp: 211805

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	33.6	29.9	44.9



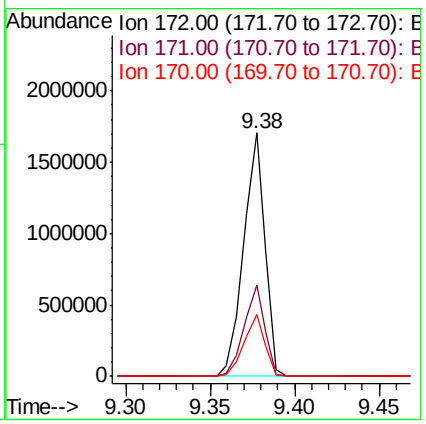


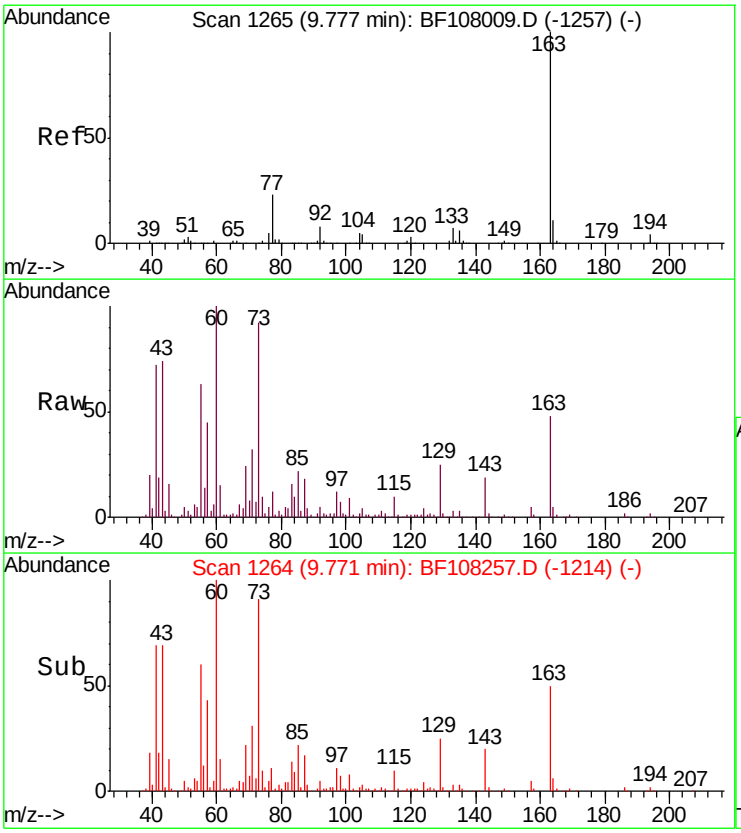
#44
2-Fluorobiphenyl
Concen: 97.967 ng
RT: 9.38 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:172 Resp: 1501063

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.5	19.6	29.4

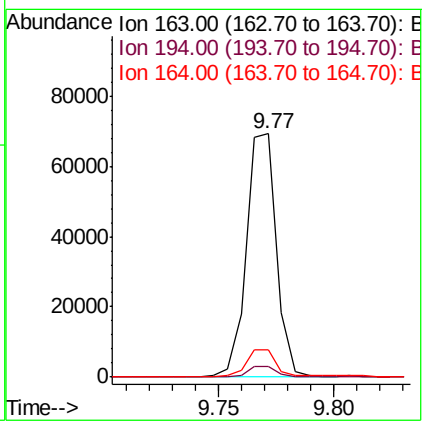


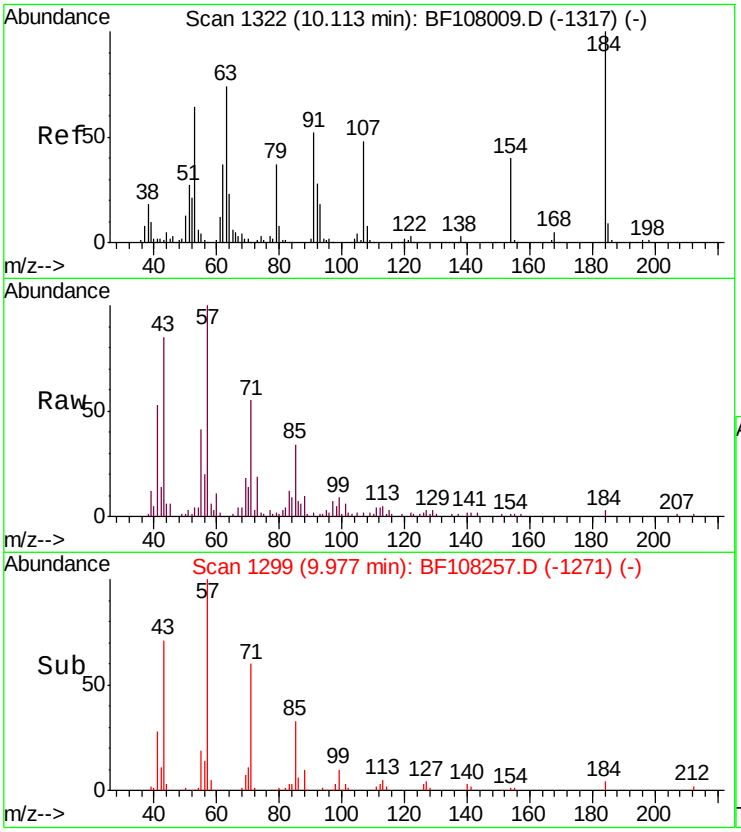


#49
Dimethylphthalate
Concen: 3.673 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Tgt Ion:163 Resp: 62930

Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	11.4	8.2	12.2



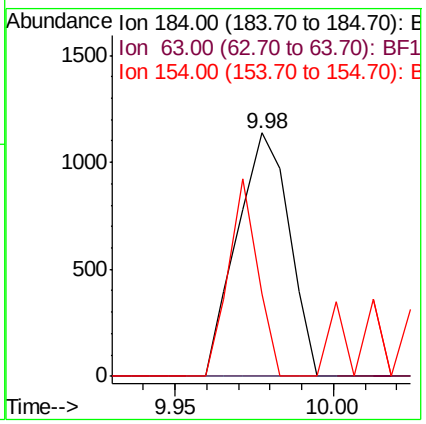


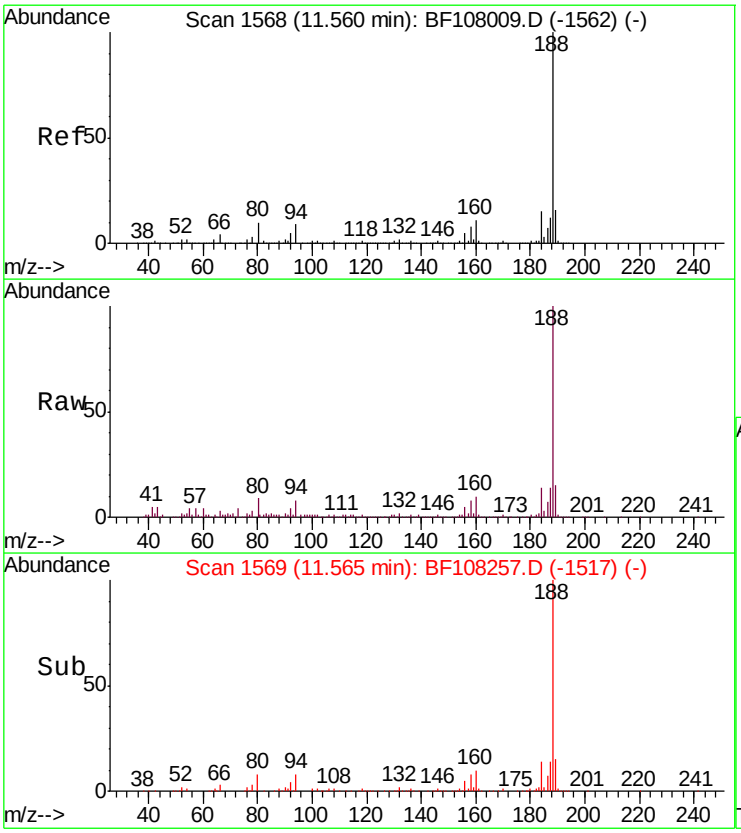
#53
2,4-Dinitrophenol
Concen: 7.905 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.13 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:184 Resp: 1301

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	33.8	184.0	276.0#

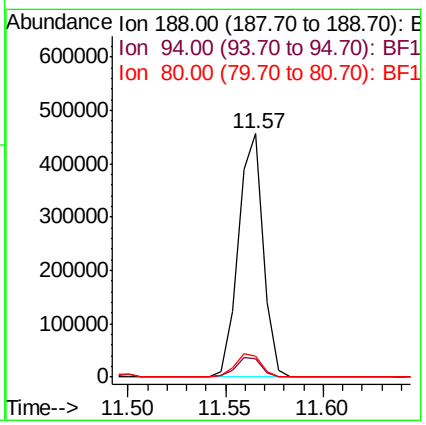


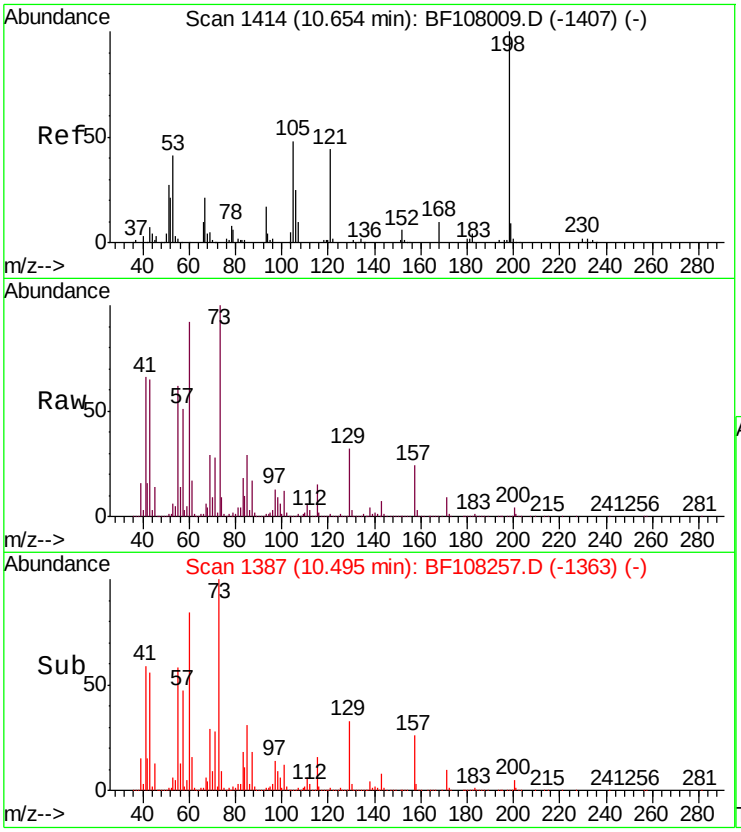


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Tgt Ion:188 Resp: 401925

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.7	9.2	13.8#



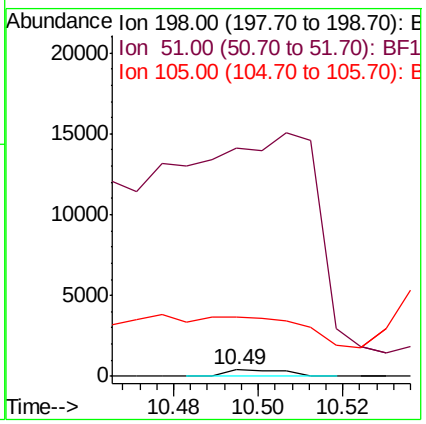


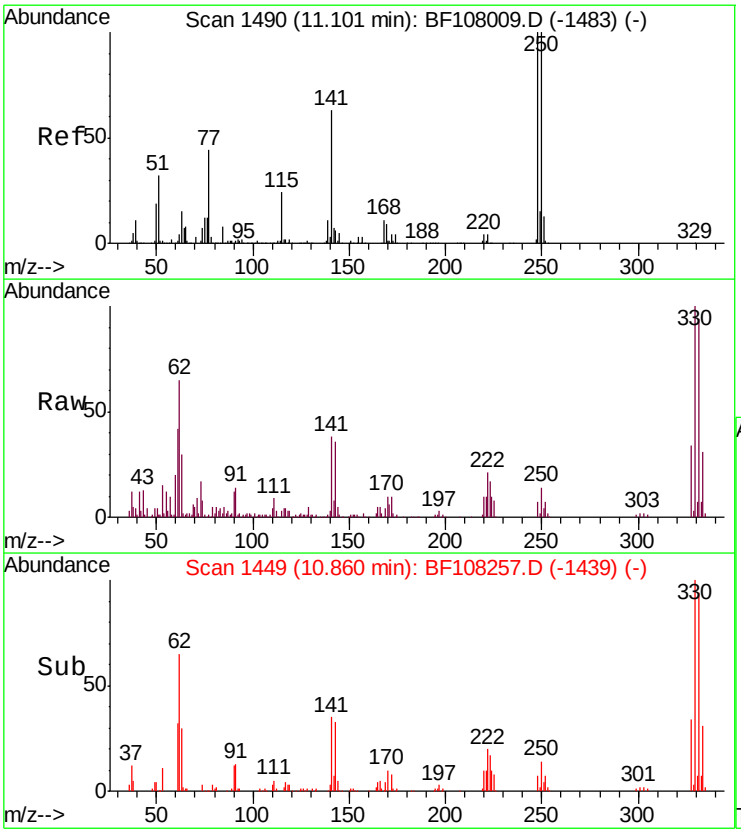
#64
4,6-Dinitro-2-methylphenol
Concen: 5.571 ng
RT: 10.49 min Scan# 1387
Delta R.T. -0.16 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:198 Resp: 361

Ion	Ratio	Lower	Upper
198	100		
51	3701.3	37.7	77.7#
105	964.9	36.3	76.3#

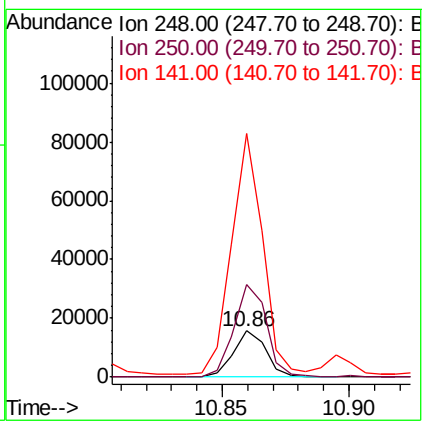


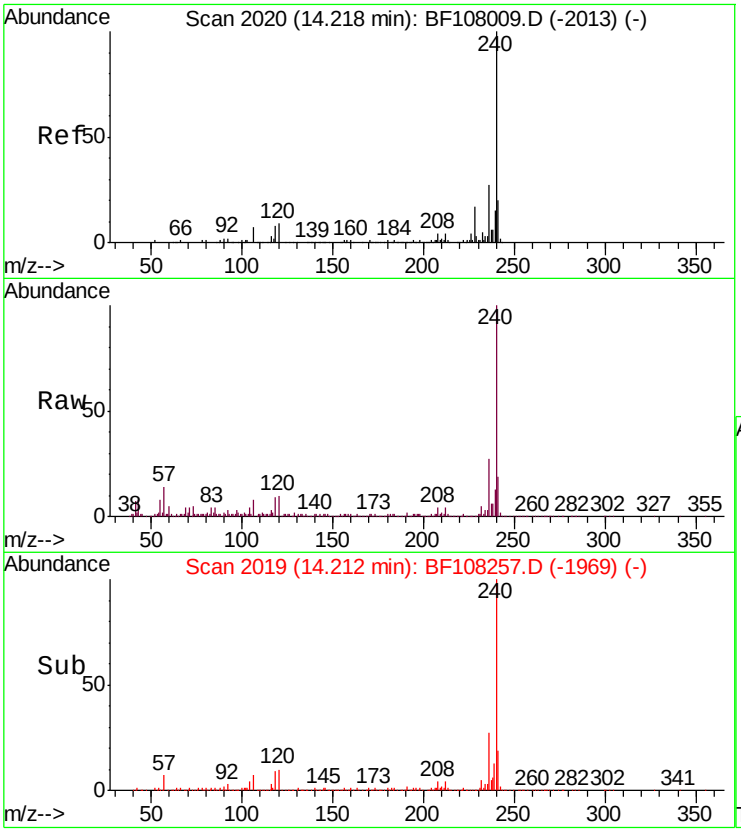


#66
4-Bromophenyl-phenylether
Concen: 3.219 ng
RT: 10.86 min Scan# 1449
Delta R.T. -0.24 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Tgt Ion:248 Resp: 14062

Ion	Ratio	Lower	Upper
248	100		
250	199.9	76.9	115.3#
141	528.3	74.4	111.6#



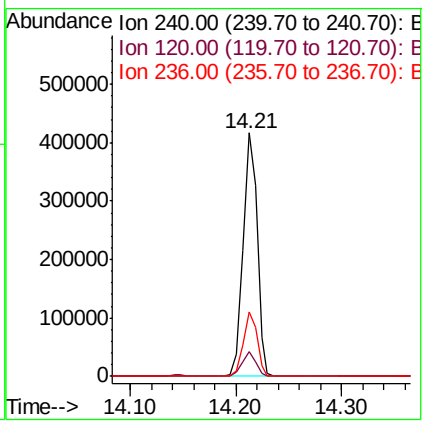


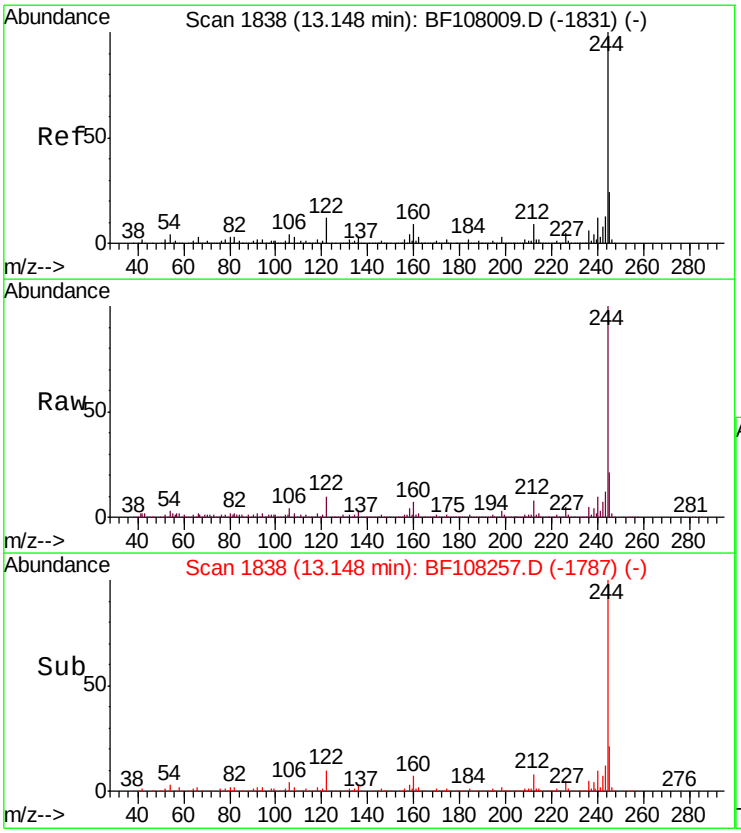
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:240 Resp: 381514

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	26.6	20.7	31.1

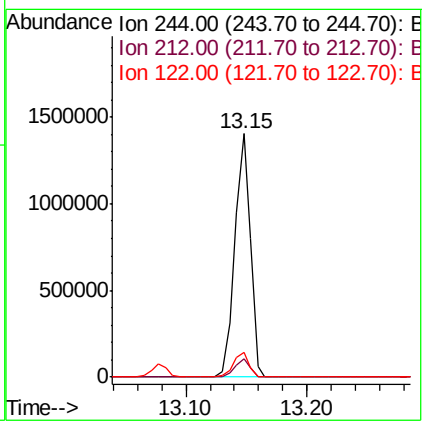


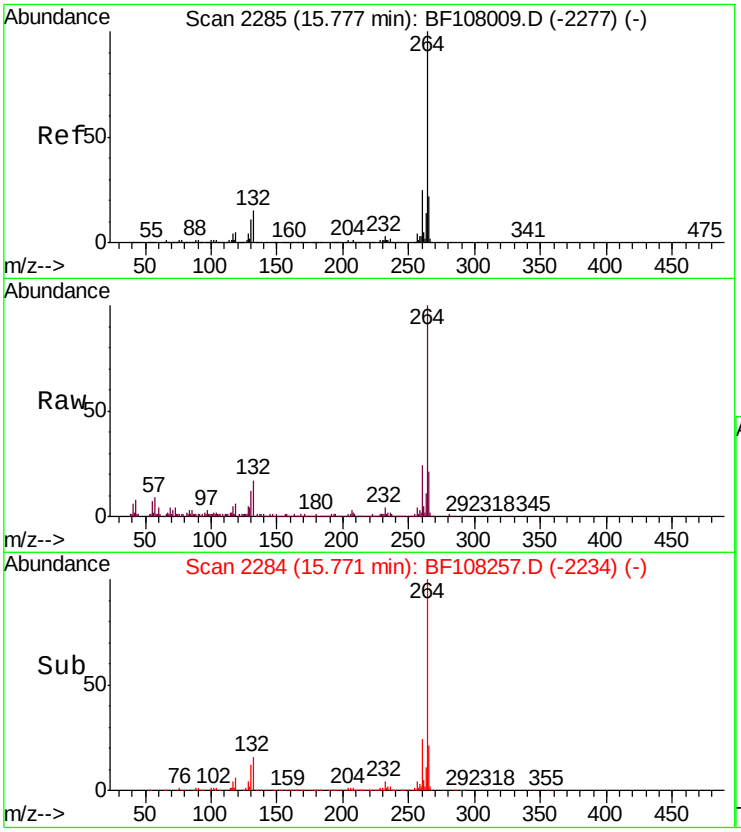


#78
Terphenyl-d14
Concen: 84.231 ng
RT: 13.15 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Tgt Ion:244 Resp: 1263887

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	10.0	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108257.D
Acq: 17 Aug 2018 21:42

Instrument :
BNA_F
ClientSampleId :
EFF-WASTE-WATER

Tgt Ion:264 Resp: 280197

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.9	17.5	26.3