Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110417\
Data File : BF100183.D
Acq On : 4 Nov 2017 17:23
Operator : SJ/JU
Sample : I6208-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EFF-WASTEWATER

Quant Time: Nov 06 01:39:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:46:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	82165	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	338479	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	148803	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	245640	20.00	ng	0.00
75) Chrysene-d12	13.95	240	140237	20.00	ng	0.00
86) Perylene-d12	15.40	264	150289	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	289875	55.39	ng	0.02
7) Phenol-d6	6.48	99	281478	45.36	ng	0.05
23) Nitrobenzene-d5	7.34	82	505455	96.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	117977	87.00	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1046909	108.55	ng	0.00
78) Terphenyl-d14	12.87	244	688909	107.36	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.97	122	129224	32.840	ng	93
49) Dimethylphthalate	9.52	163	45671	3.876	ng	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	20122	2.729	ng	92

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

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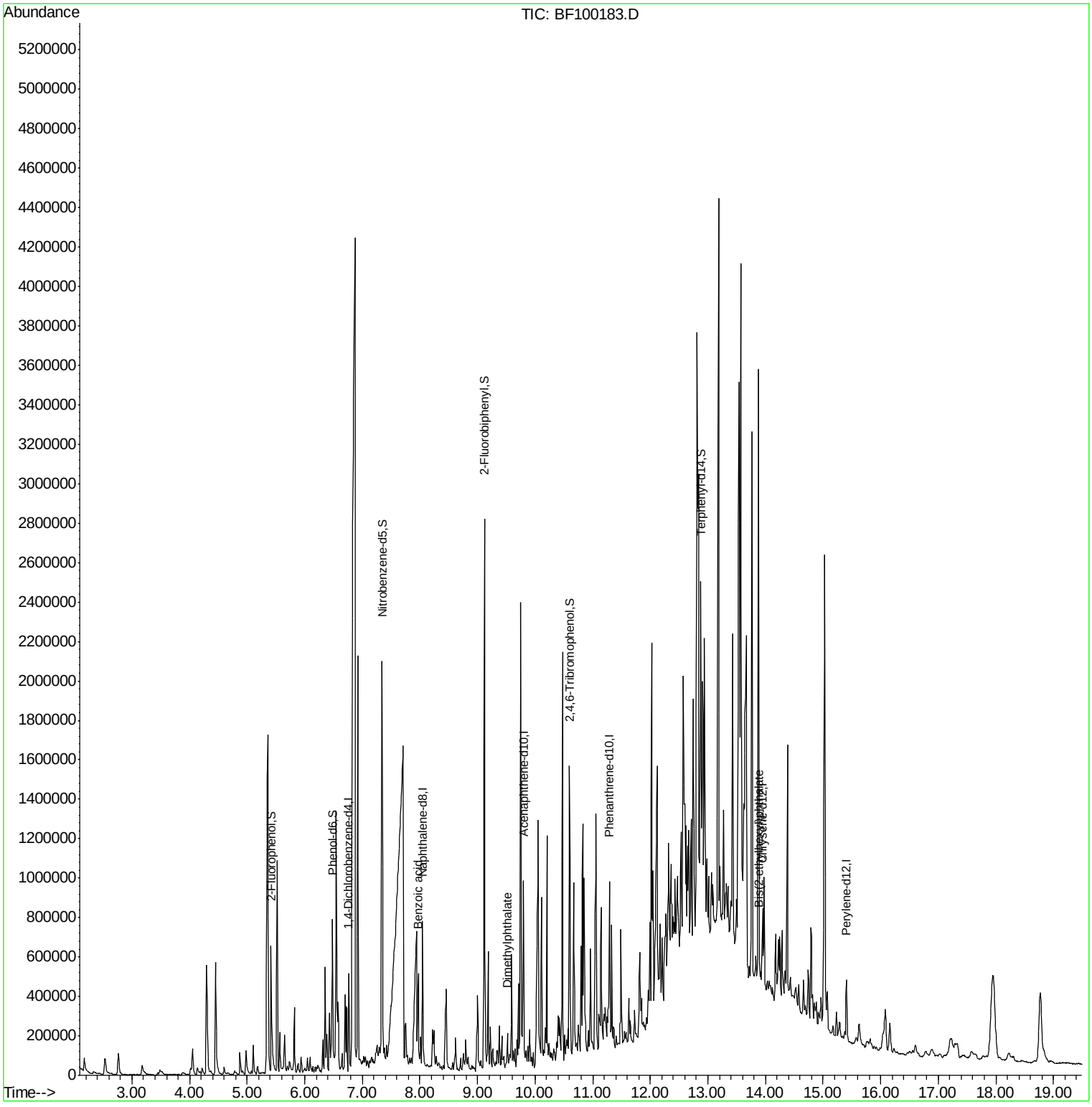
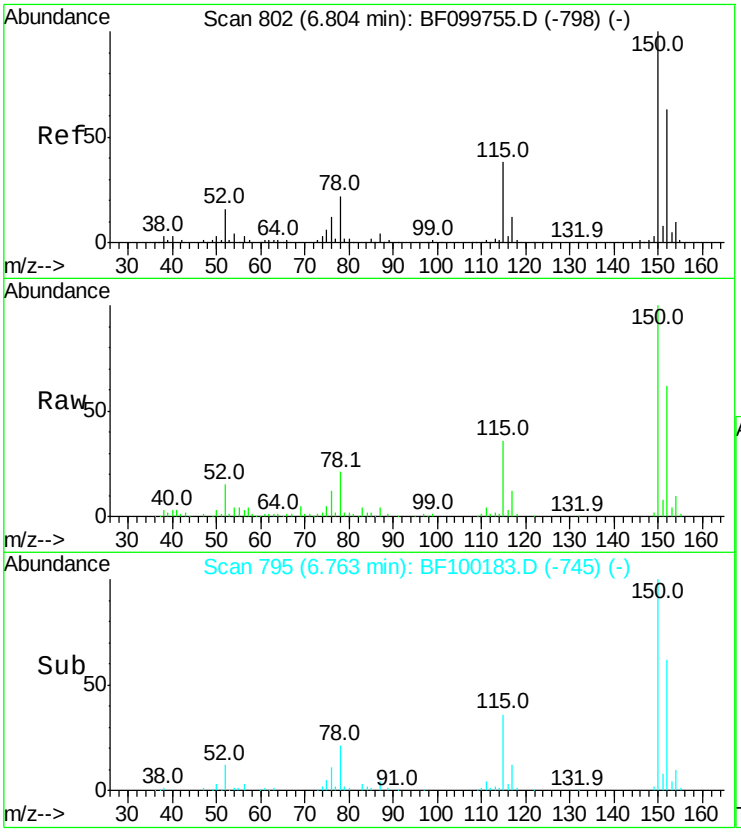


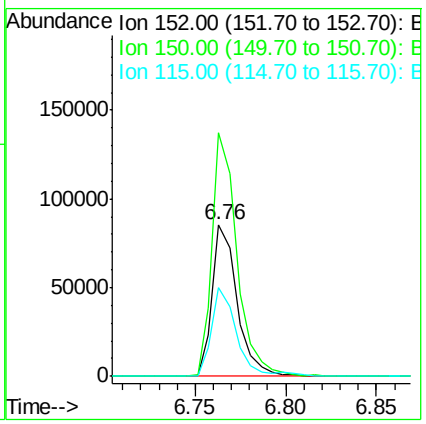


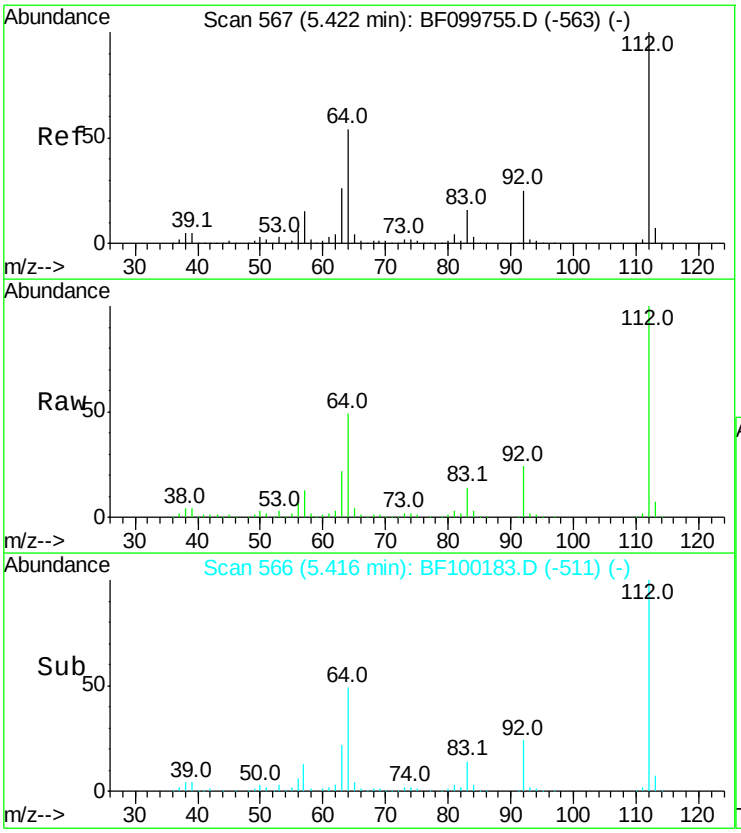
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Instrument :
BNA_F
ClientSampleId :
EFF-WASTEWATER

Tgt Ion:152 Resp: 82165

Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.6	186.8
115	58.5	50.1	75.1

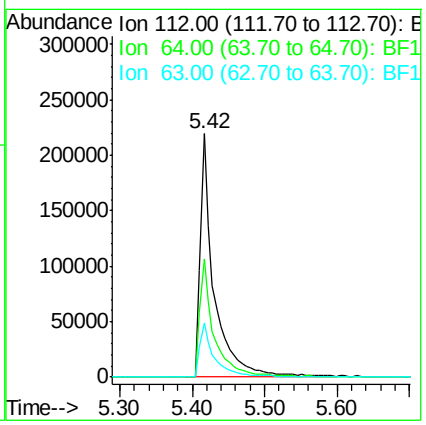


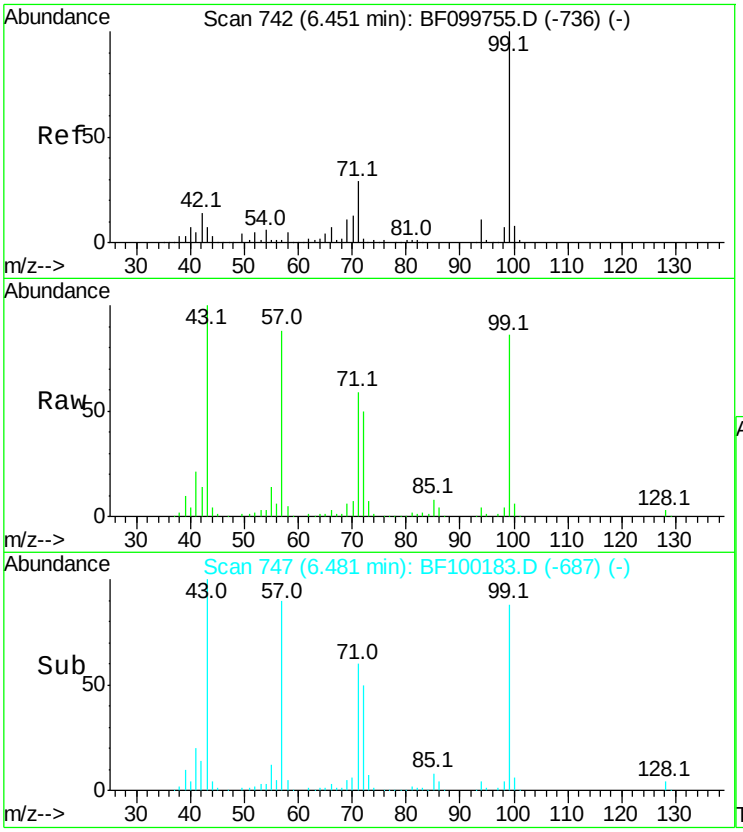


#5
2-Fluorophenol
Concen: 55.388 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Tgt Ion:112 Resp: 289875

Ion	Ratio	Lower	Upper
112	100		
64	48.5	47.9	71.9
63	22.4	23.7	35.5#



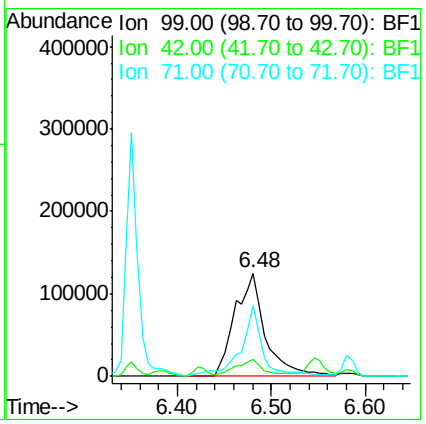


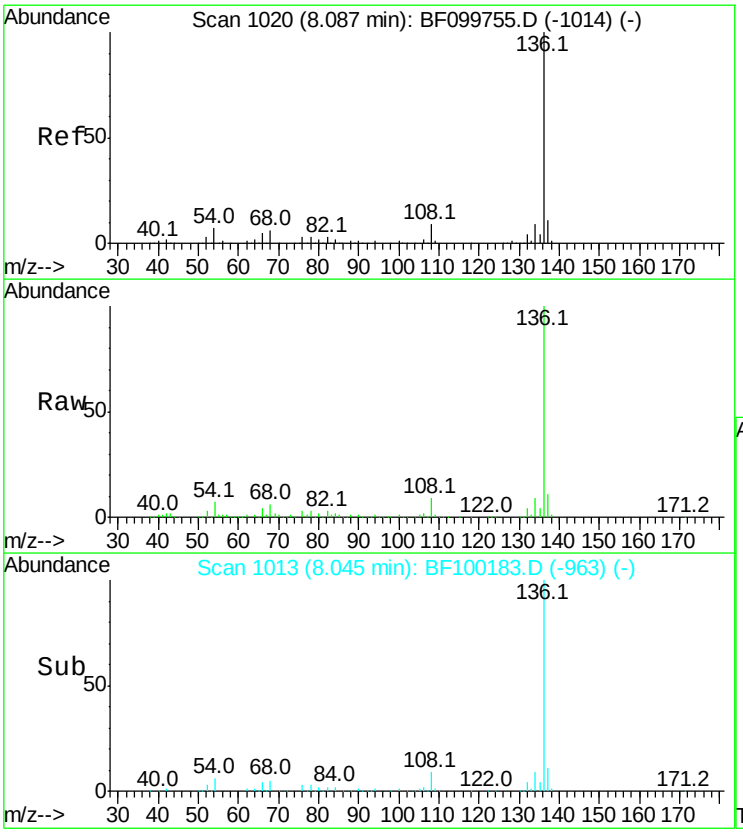
#7
Phenol-d6
Concen: 45.359 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.05 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Instrument :
BNA_F
ClientSampleId :
EFF-WASTEWATER

Tgt Ion: 99 Resp: 281478

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.5	21.7
71	68.9	25.4	38.0#

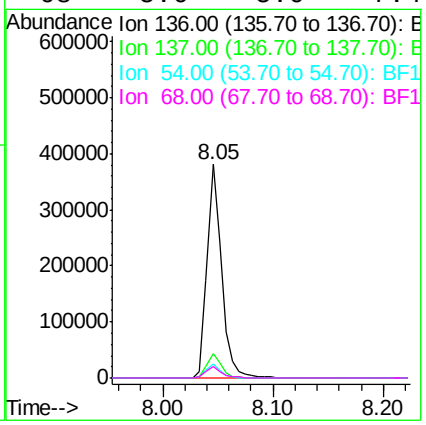


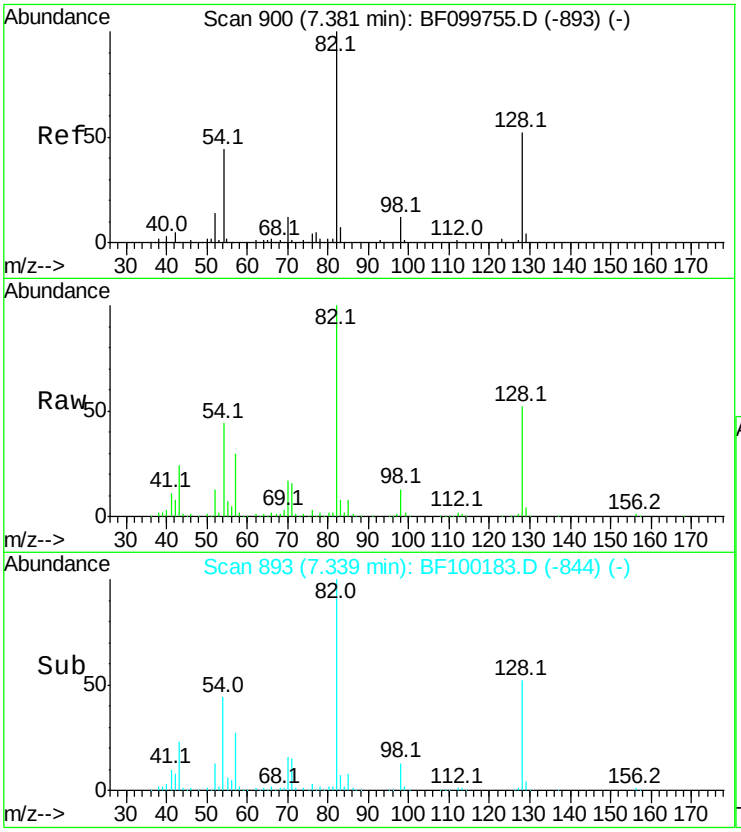


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Tgt Ion:136 Resp: 338479

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.5	6.6	9.8#
68	5.6	5.0	7.4



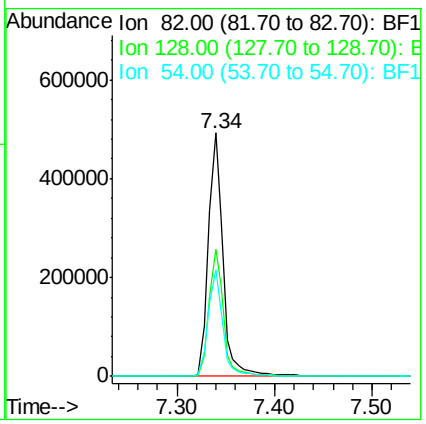


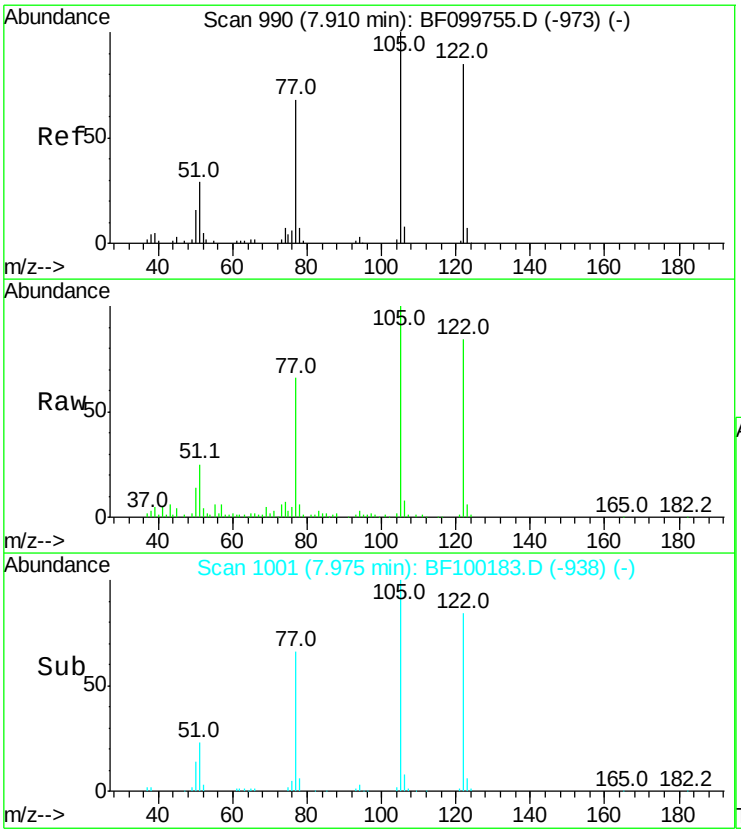
#23
Nitrobenzene-d5
Concen: 96.140 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Instrument :
BNA_F
ClientSampleId :
EFF-WASTEWATER

Tgt Ion: 82 Resp: 505455

Ion	Ratio	Lower	Upper
82	100		
128	52.4	36.1	54.1
54	43.9	41.4	62.2

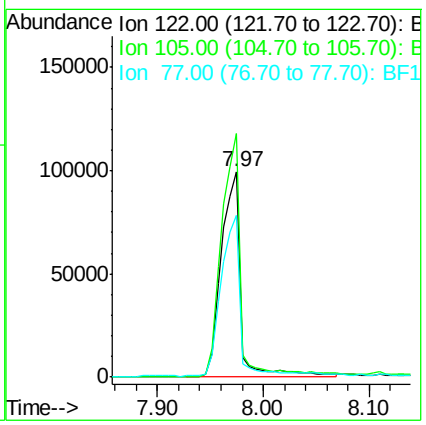


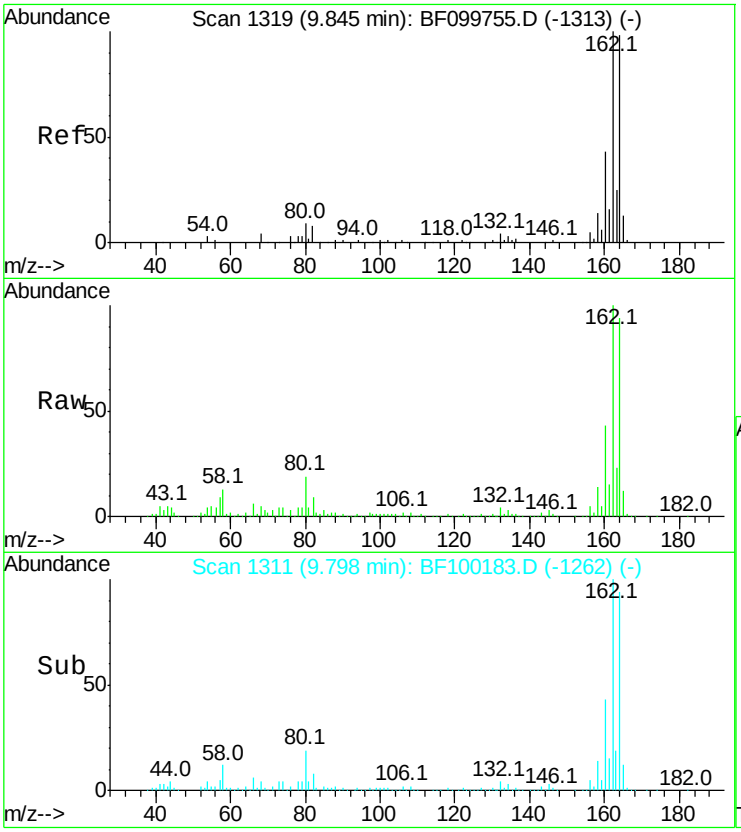


#32
Benzoic acid
Concen: 32.840 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.07 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Tgt Ion:122 Resp: 129224

Ion	Ratio	Lower	Upper
122	100		
105	118.5	101.1	141.1
77	78.8	70.7	110.7



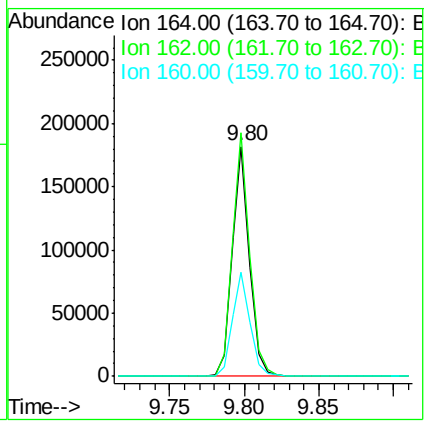


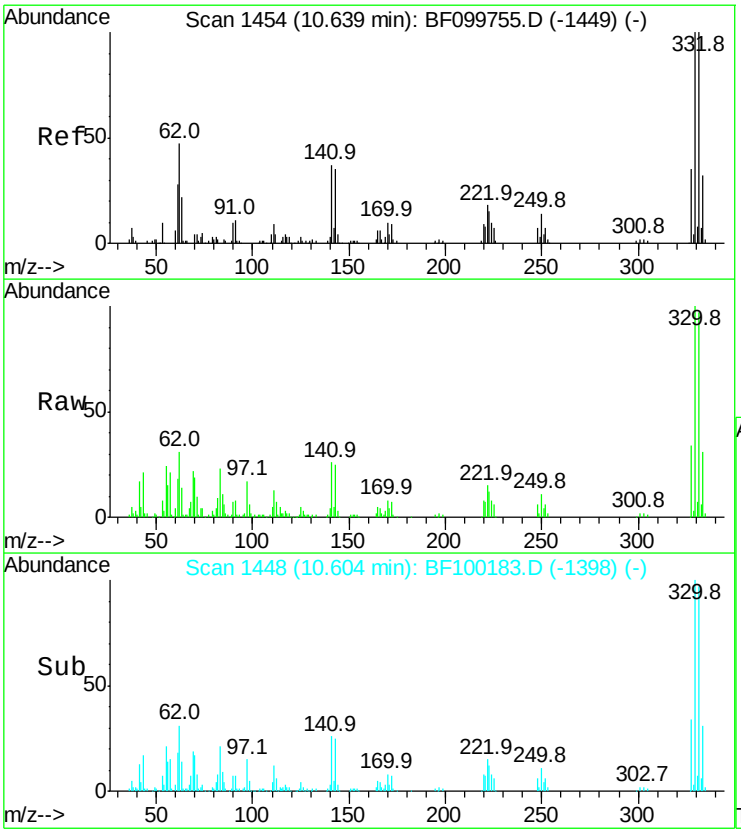
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Instrument :
BNA_F
ClientSampleId :
EFF-WASTEWATER

Tgt Ion:164 Resp: 148803

Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	45.5	38.3	57.5

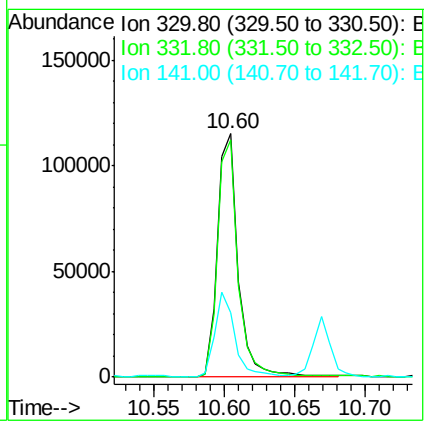


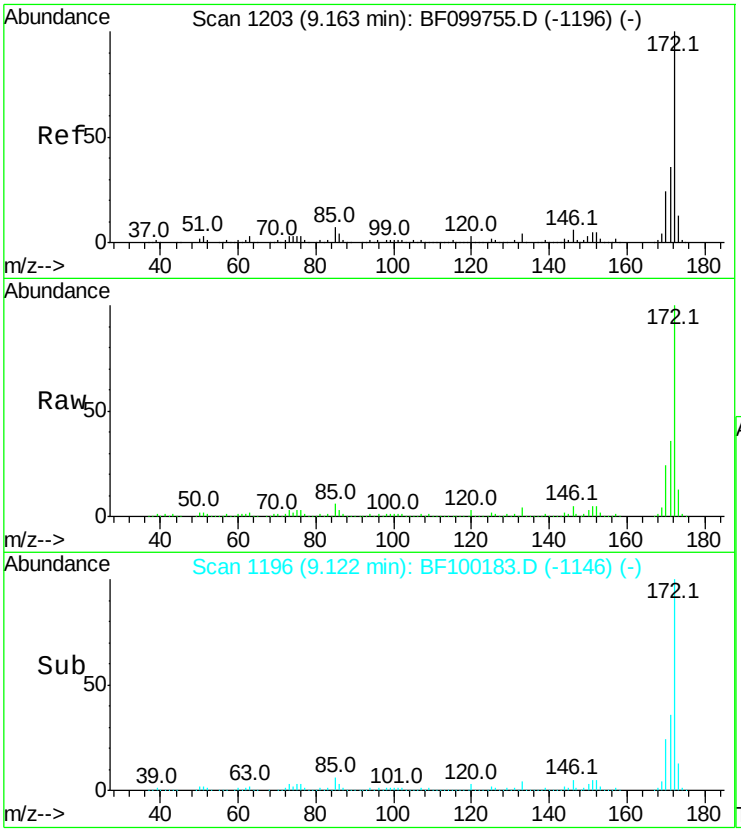


#41
2,4,6-Tribromophenol
Concen: 86.999 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Tgt Ion:330 Resp: 117977

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	32.3	29.9	44.9



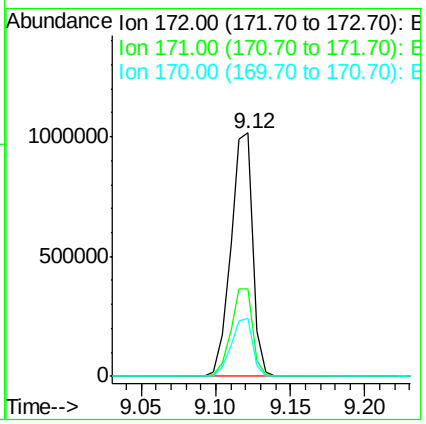


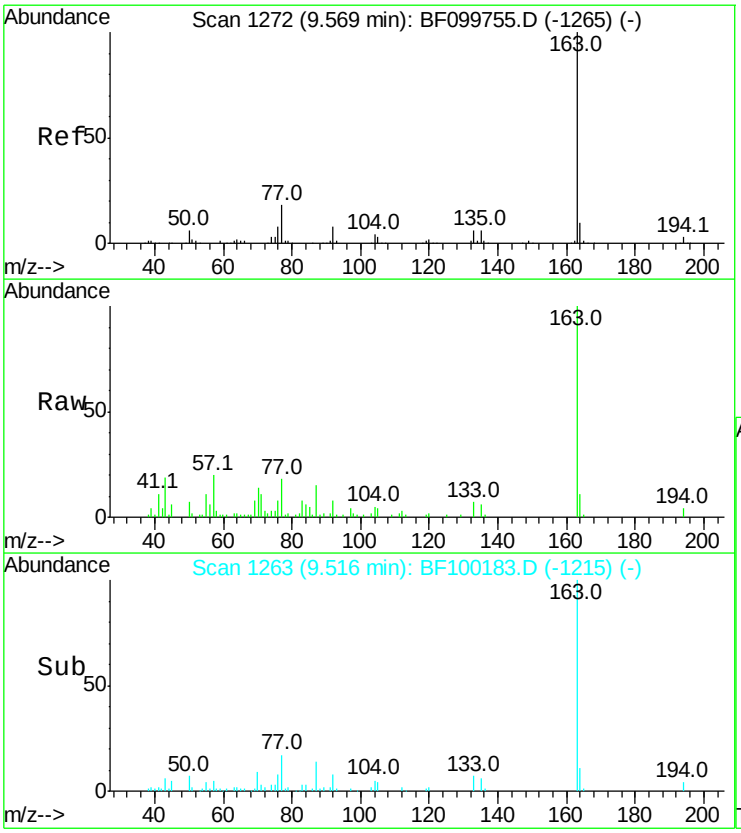
#44
2-Fluorobiphenyl
Concen: 108.547 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Instrument :
BNA_F
ClientSampleId :
EFF-WASTEWATER

Tgt Ion:172 Resp: 1046909

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.1	19.6	29.4

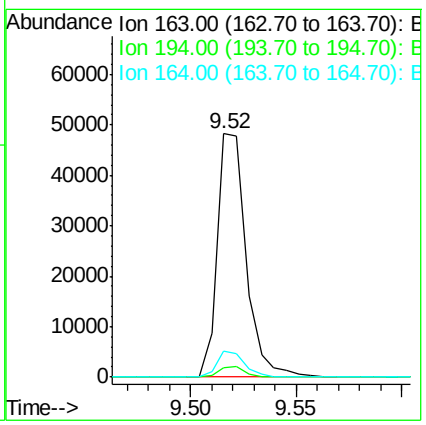


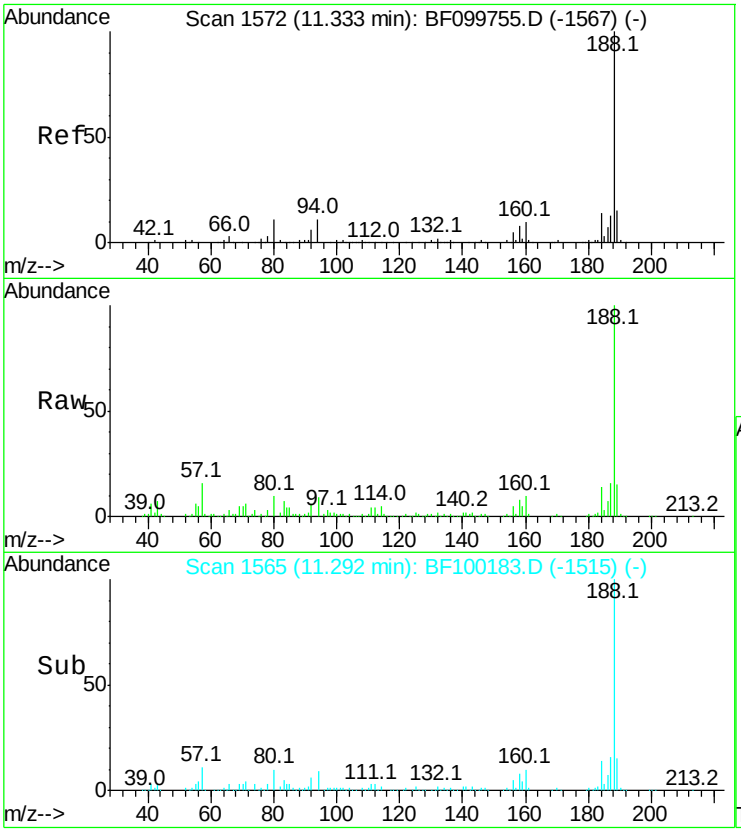


#49
Dimethylphthalate
Concen: 3.876 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Tgt Ion:163 Resp: 45671

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.6	8.2	12.2



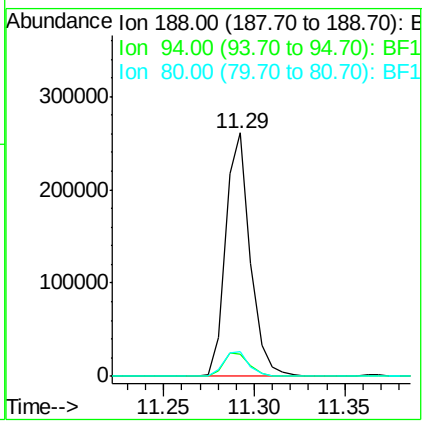


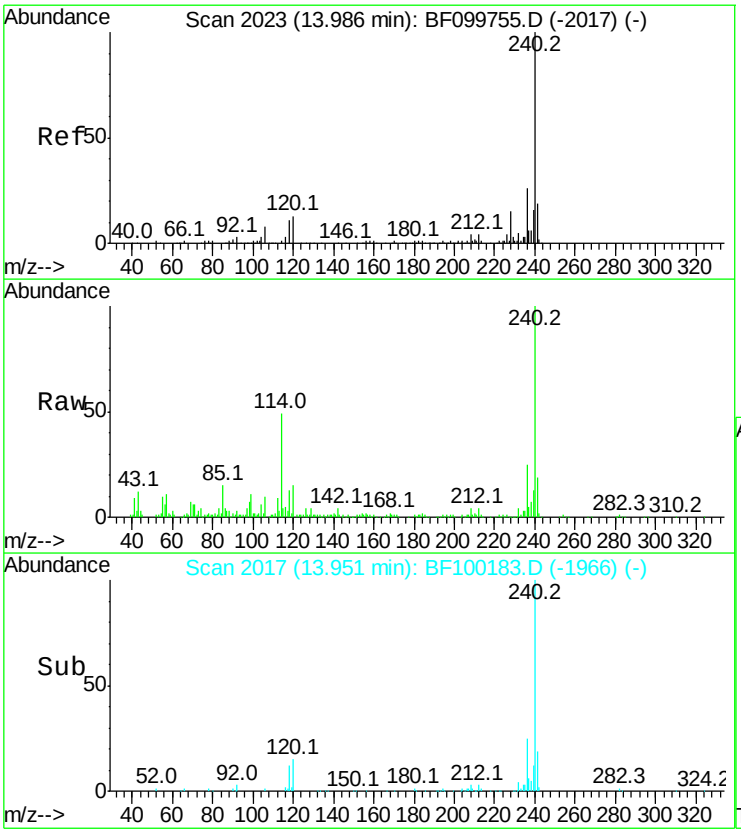
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Instrument :
BNA_F
ClientSampleId :
EFF-WASTEWATER

Tgt Ion:188 Resp: 245640

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	10.3	9.2	13.8

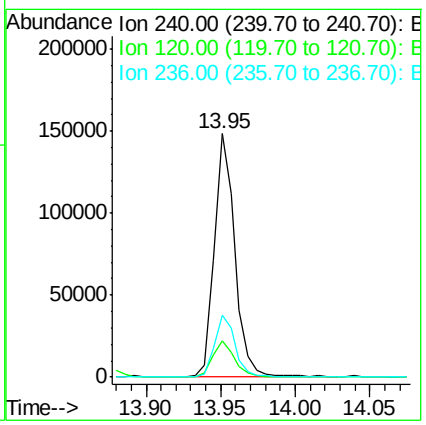


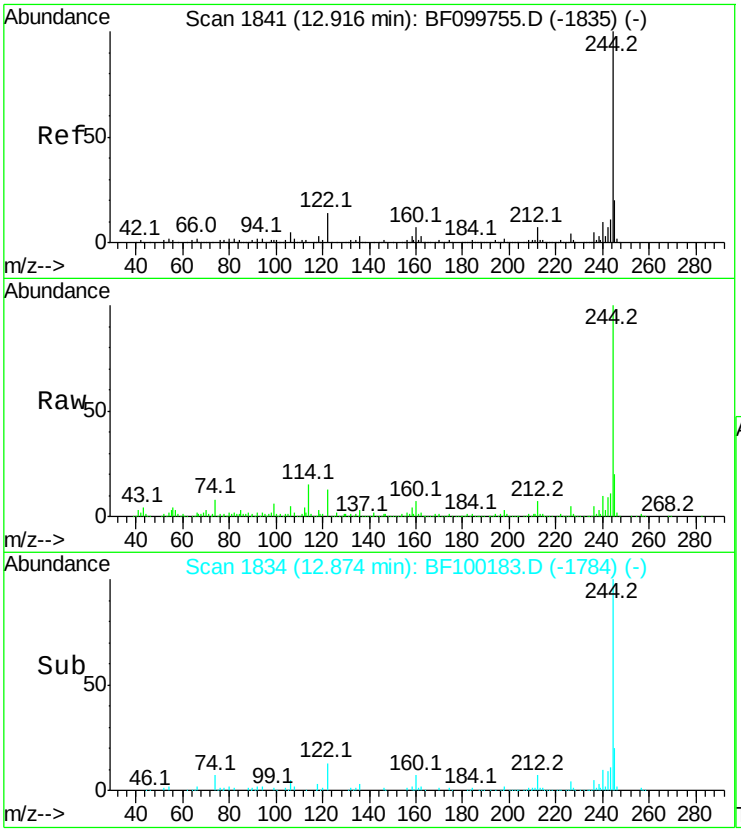


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Tgt Ion:240 Resp: 140237

Ion	Ratio	Lower	Upper
240	100		
120	14.6	9.5	14.3#
236	25.4	20.7	31.1



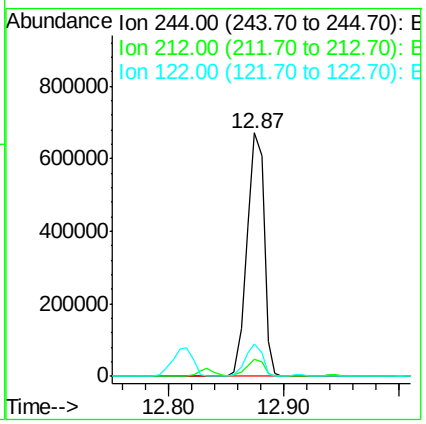


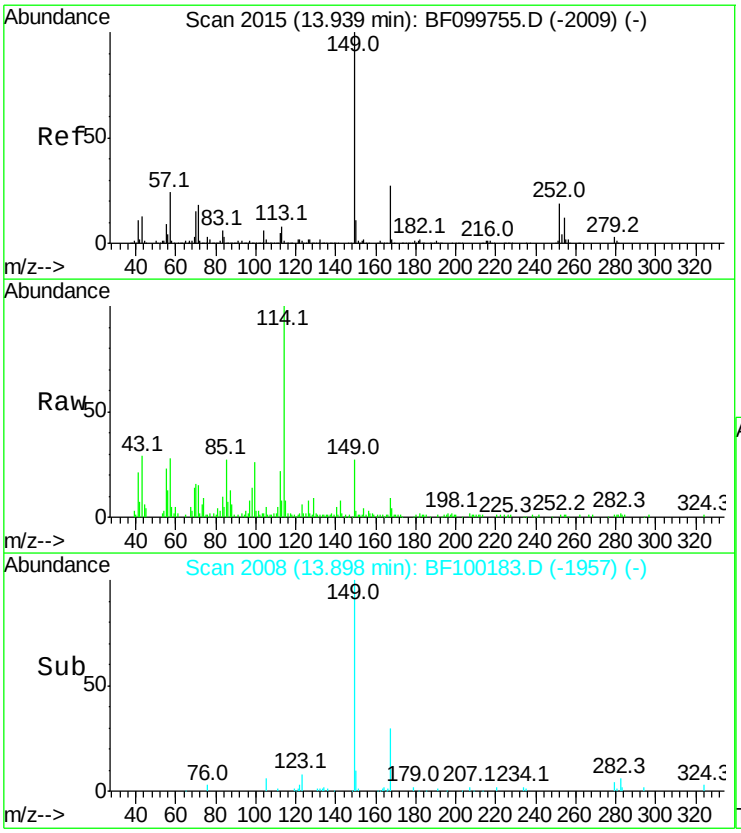
#78
Terphenyl-d14
Concen: 107.356 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Instrument :
BNA_F
ClientSampleId :
EFF-WASTEWATER

Tgt Ion:244 Resp: 688909

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.4	11.0	16.4

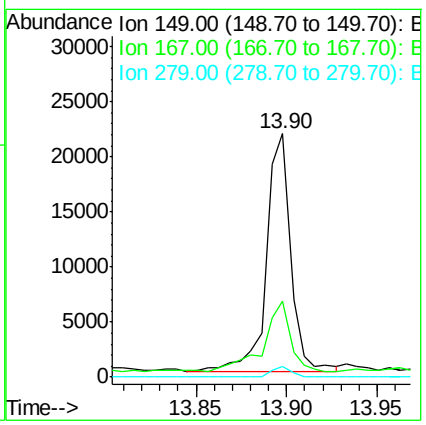


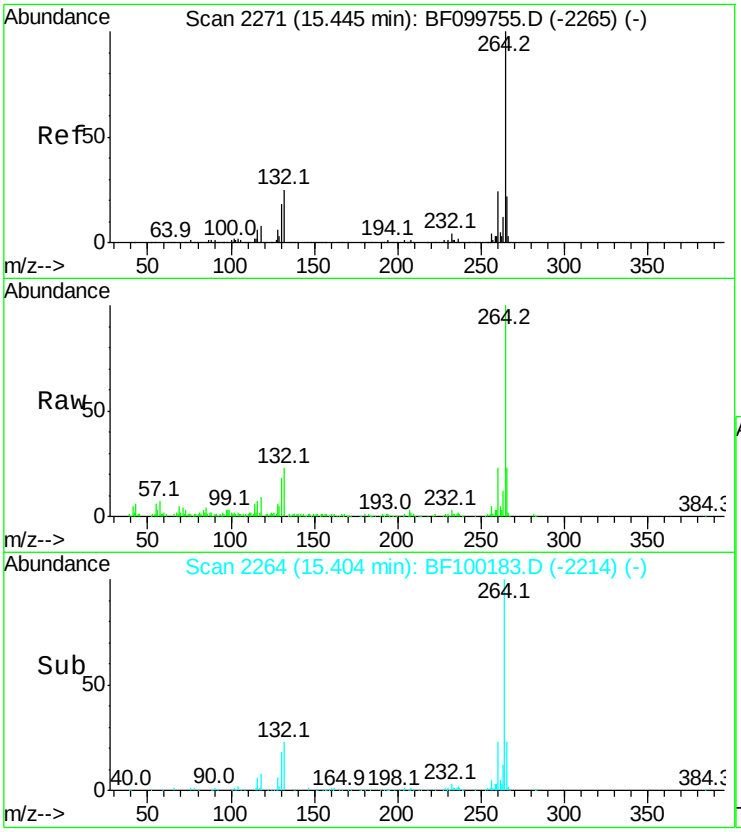


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.729 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Tgt Ion:149 Resp: 20122

Ion	Ratio	Lower	Upper
149	100		
167	31.4	21.3	31.9
279	4.3	3.0	4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF100183.D
Acq: 4 Nov 2017 17:23

Instrument :
BNA_F
ClientSampleId :
EFF-WASTEWATER

Tgt Ion:264 Resp: 150289

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.6	17.5	26.3