Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF032218\
Data File : BF103862.D
Acq On : 22 Mar 2018 19:51
Operator : JU/SJ
Sample : J1997-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SLAB-CONCRETE-A

Quant Time: Mar 23 03:39:02 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 22 11:56:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	145166	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	564305	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	230069	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	331470	20.00	ng	0.00
75) Chrysene-d12	14.17	240	277198	20.00	ng	0.00
86) Perylene-d12	15.71	264	244209	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	305316	31.99	ng	0.00
7) Phenol-d6	6.59	99	824361	70.60	ng	0.00
23) Nitrobenzene-d5	7.53	82	683420	84.46	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	10407	5.26	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1184468	82.12	ng	0.00
78) Terphenyl-d14	13.10	244	795526	66.61	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.72	163	95019	5.413	ng	100
83) Bis(2-ethylhexyl)phthalate	14.13	149	1022206	79.334	ng	98

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

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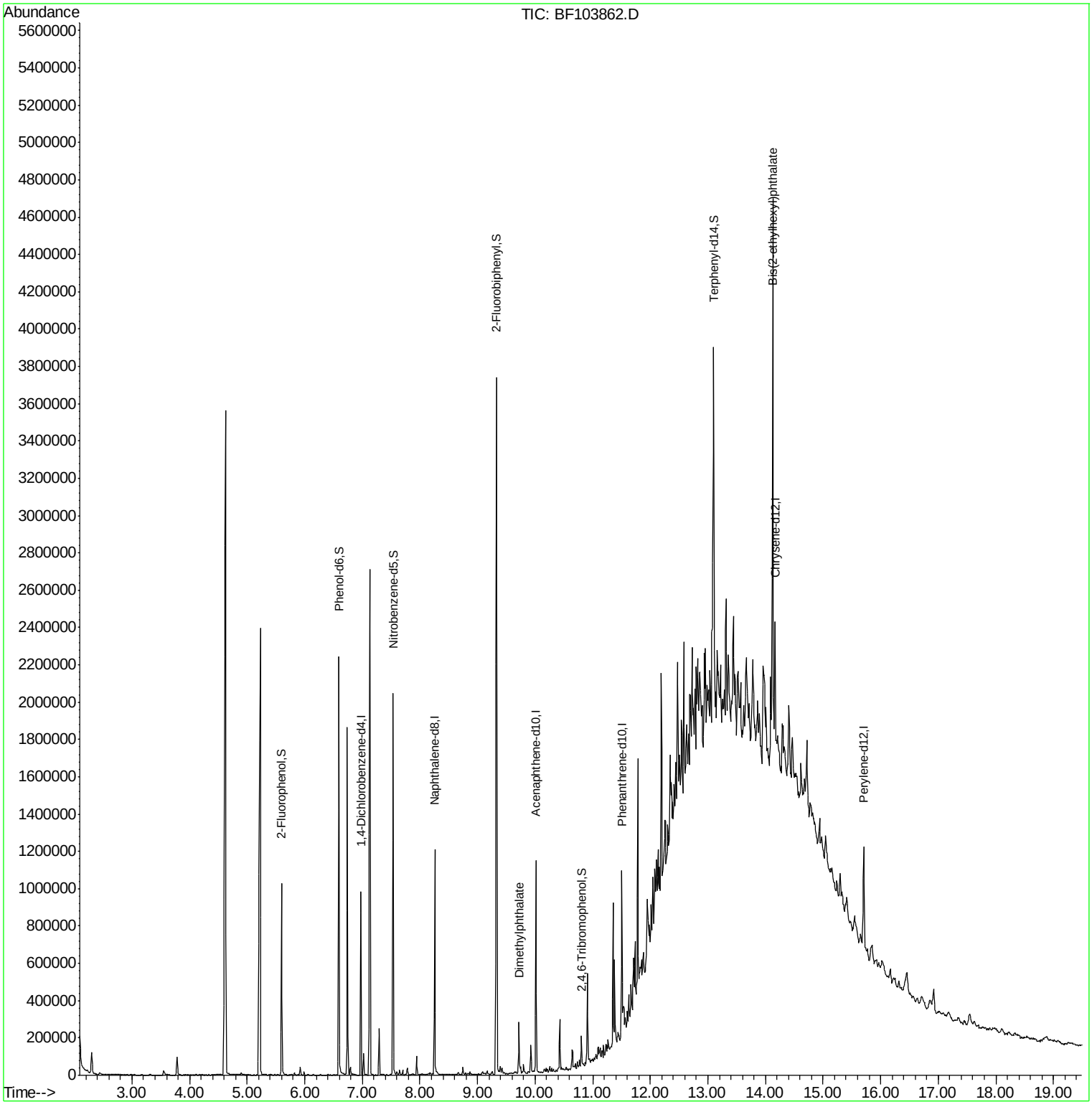
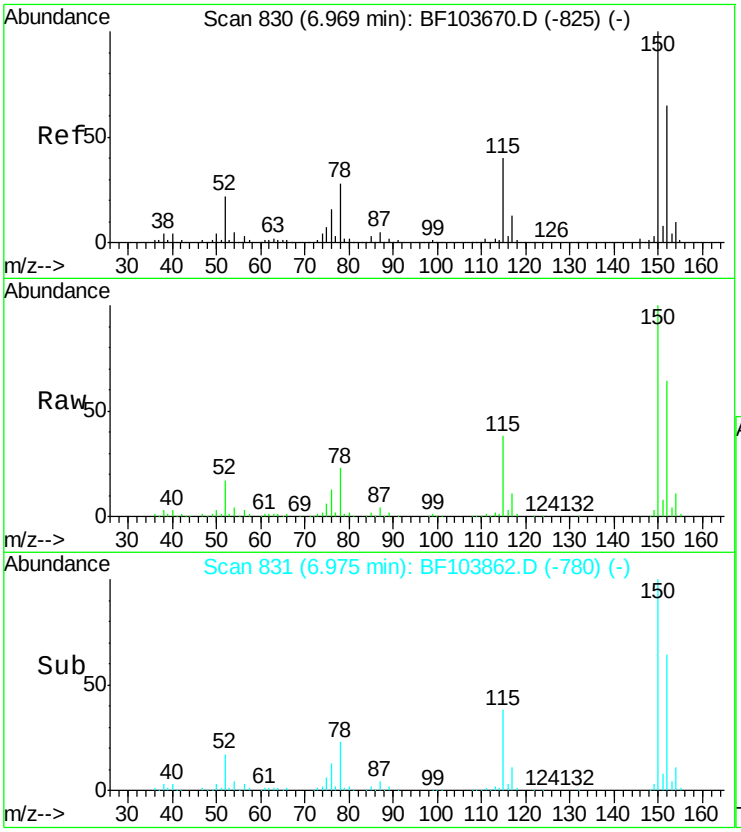


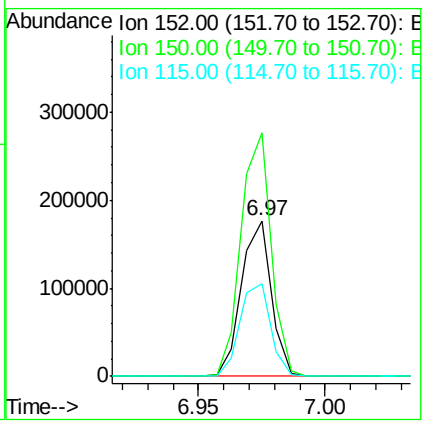


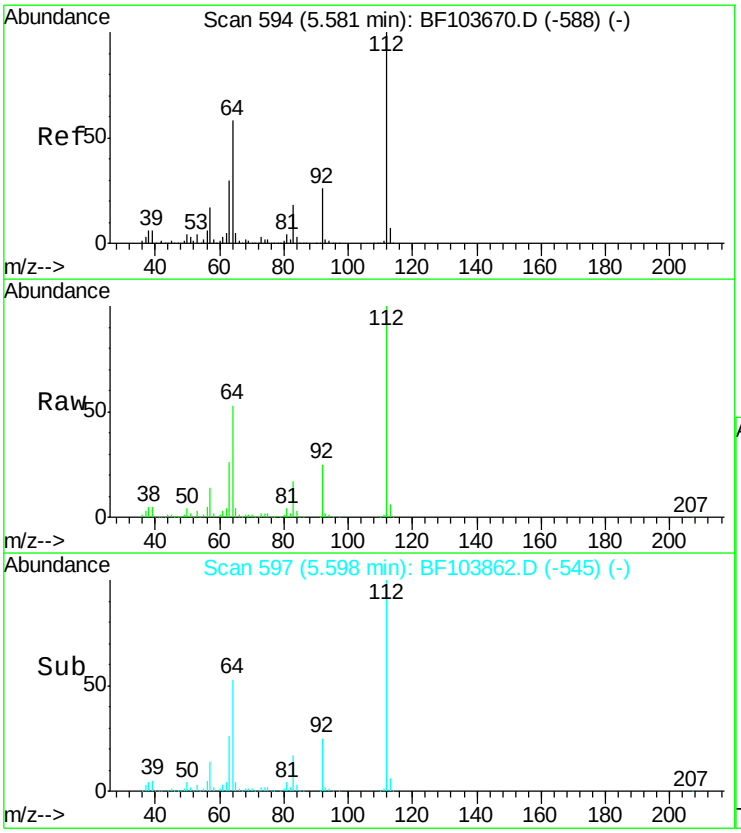
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Instrument :
BNA_F
ClientSampleId :
SLAB-CONCRETE-A

Tgt Ion:152 Resp: 145166

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	59.8	50.1	75.1

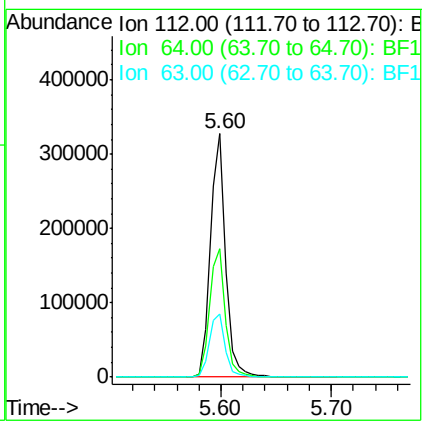


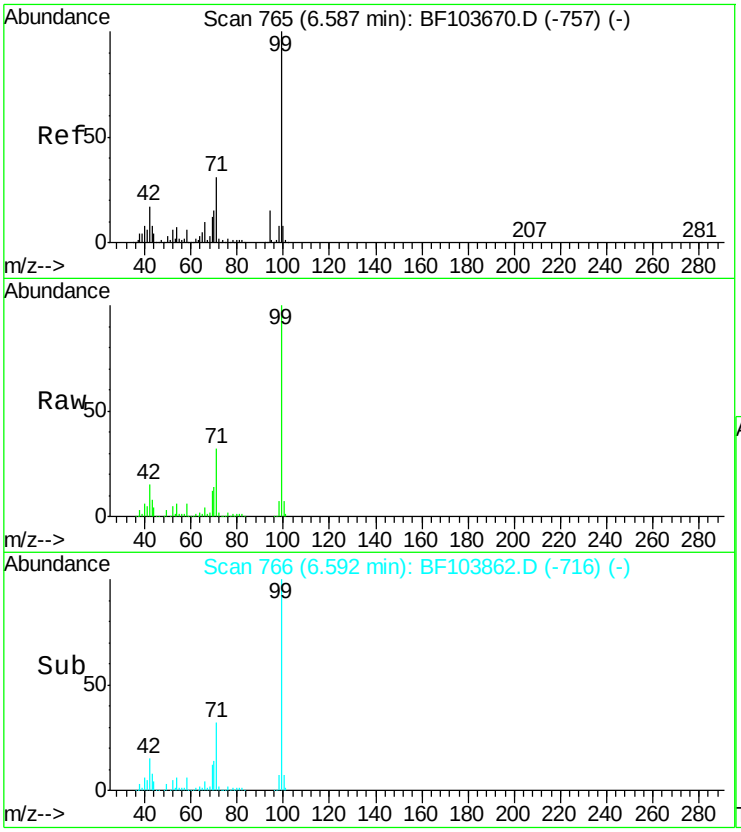


#5
2-Fluorophenol
Concen: 31.990 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Tgt Ion:112 Resp: 305316

Ion	Ratio	Lower	Upper
112	100		
64	52.6	47.9	71.9
63	25.7	23.7	35.5



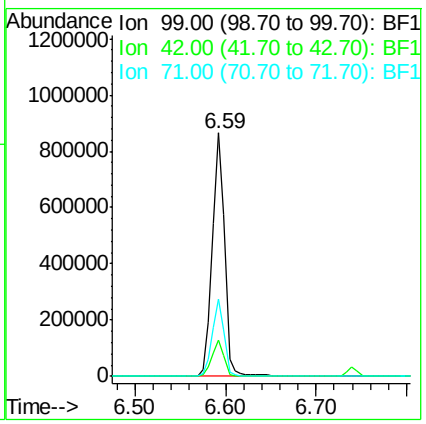


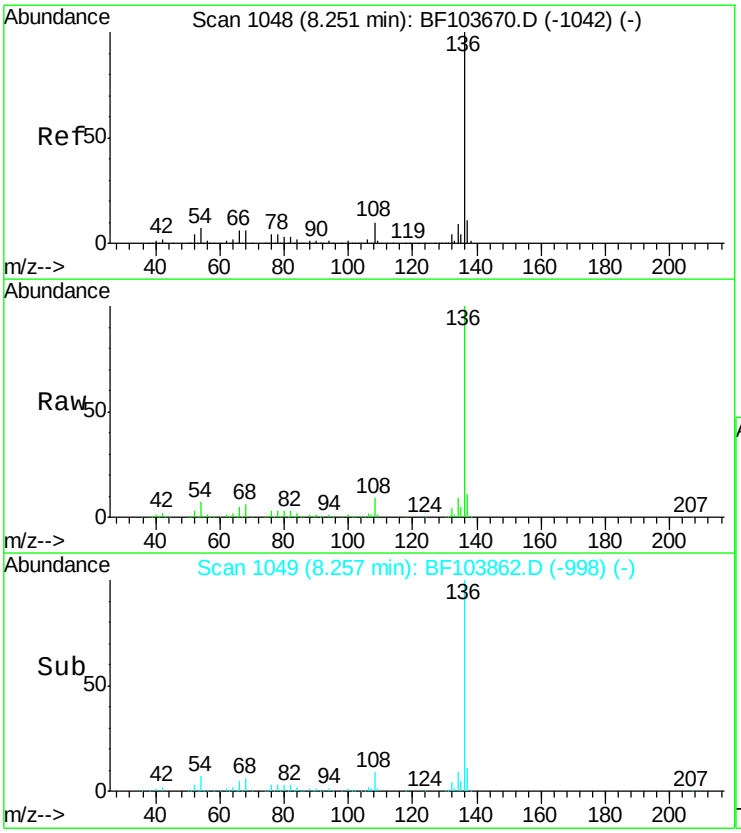
#7
Phenol-d6
Concen: 70.599 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Instrument :
BNA_F
ClientSampleId :
SLAB-CONCRETE-A

Tgt Ion: 99 Resp: 824361

Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.5	21.7
71	31.9	25.4	38.0

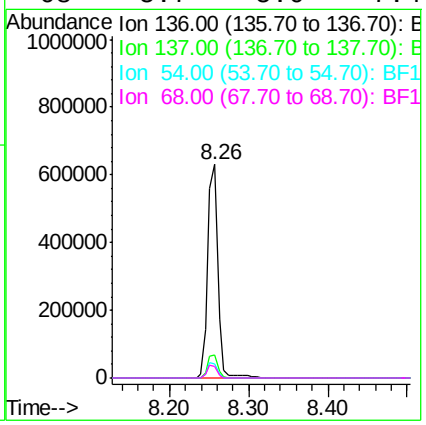


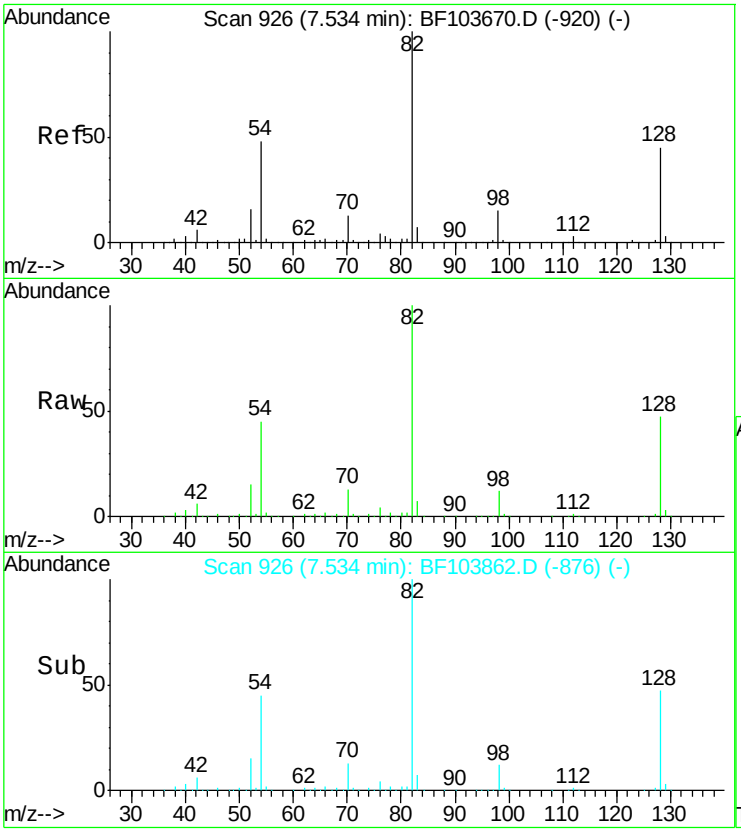


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Tgt Ion:136 Resp: 564305

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.5	6.6	9.8#
68	5.7	5.0	7.4



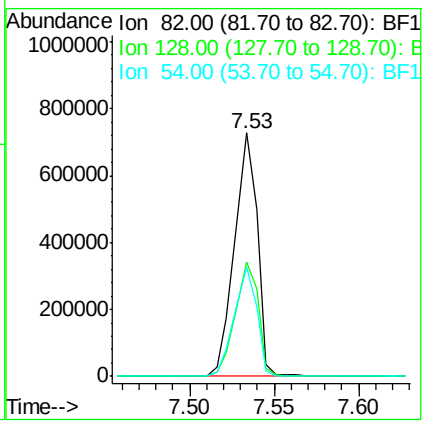


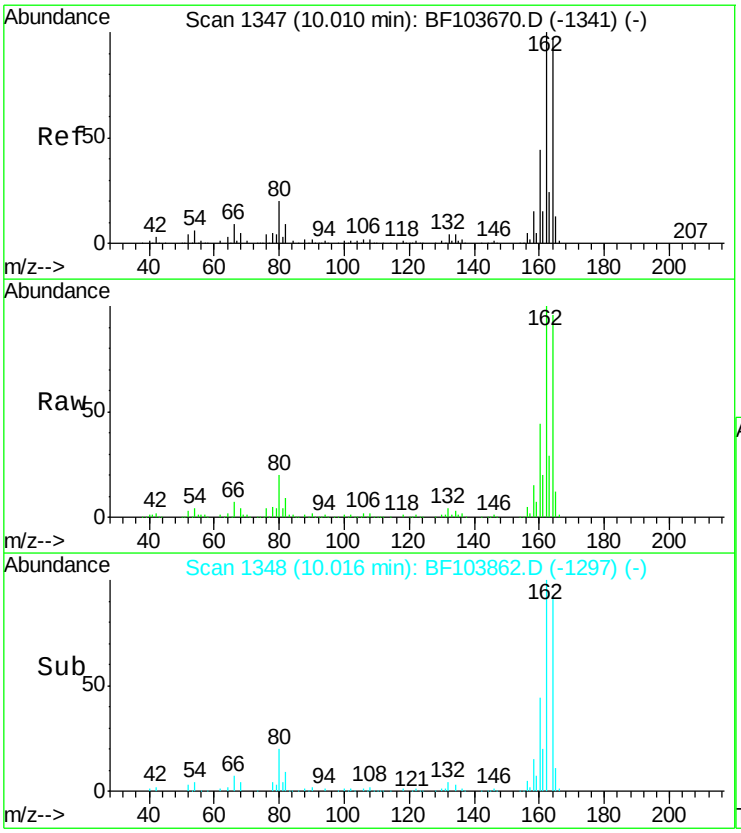
#23
Nitrobenzene-d5
Concen: 84.456 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Instrument :
BNA_F
ClientSampleId :
SLAB-CONCRETE-A

Tgt Ion: 82 Resp: 683420

Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	44.8	41.4	62.2

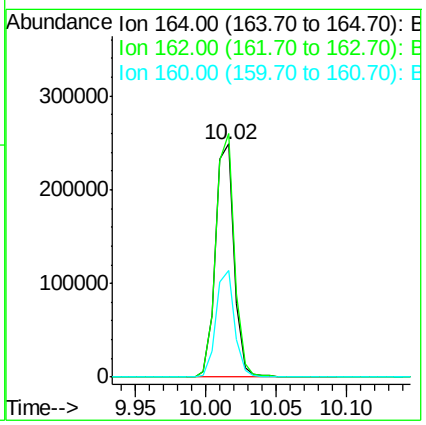


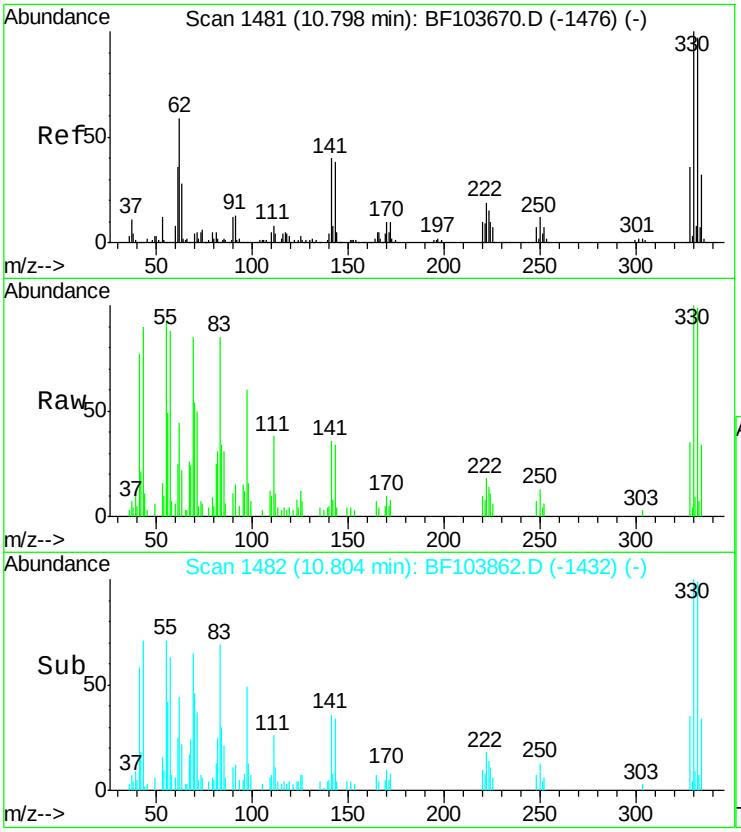


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Tgt Ion:164 Resp: 230069

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	45.7	38.3	57.5



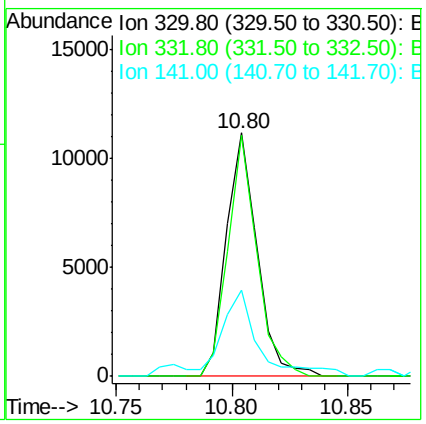


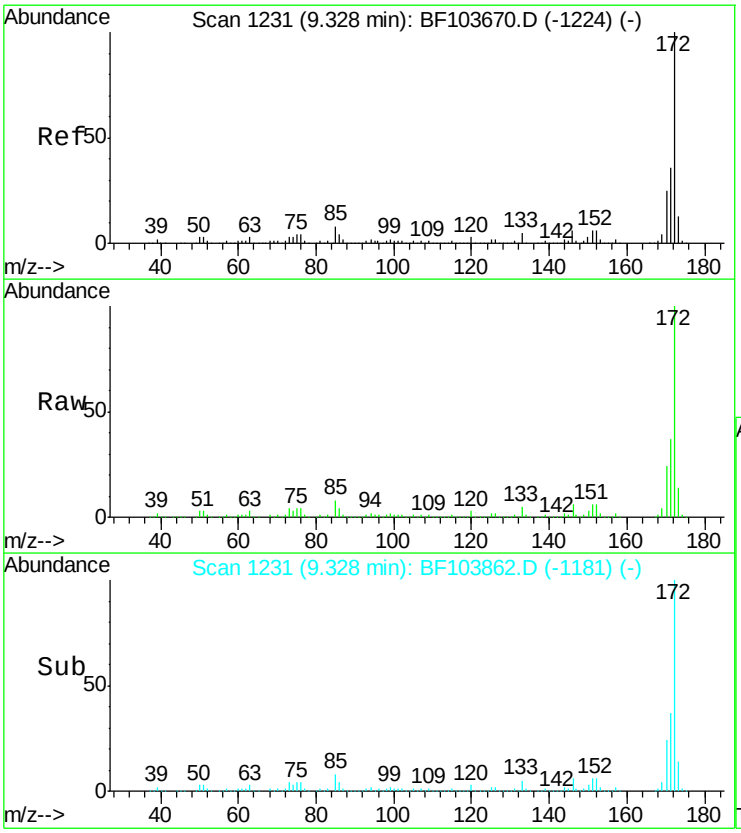
#41
2,4,6-Tribromophenol
Concen: 5.261 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Instrument :
BNA_F
ClientSampleId :
SLAB-CONCRETE-A

Tgt Ion:330 Resp: 10407

Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.0	115.6
141	40.8	29.9	44.9

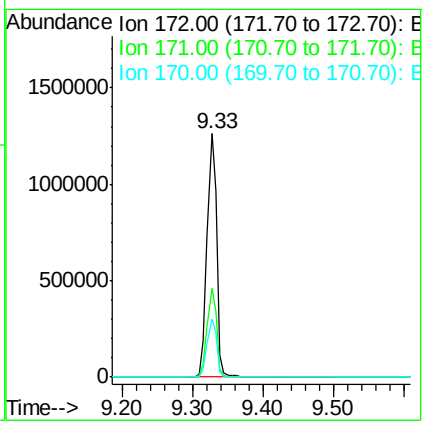


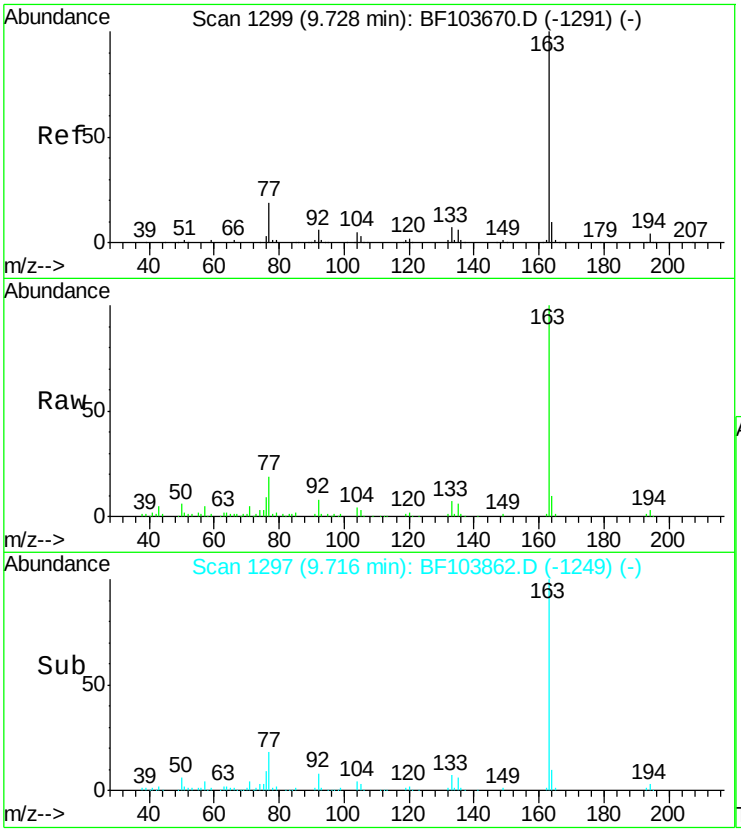


#44
2-Fluorobiphenyl
Concen: 82.123 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Tgt Ion:172 Resp: 1184468

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.9	19.6	29.4



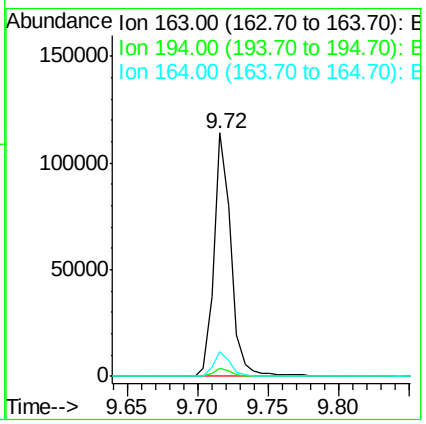


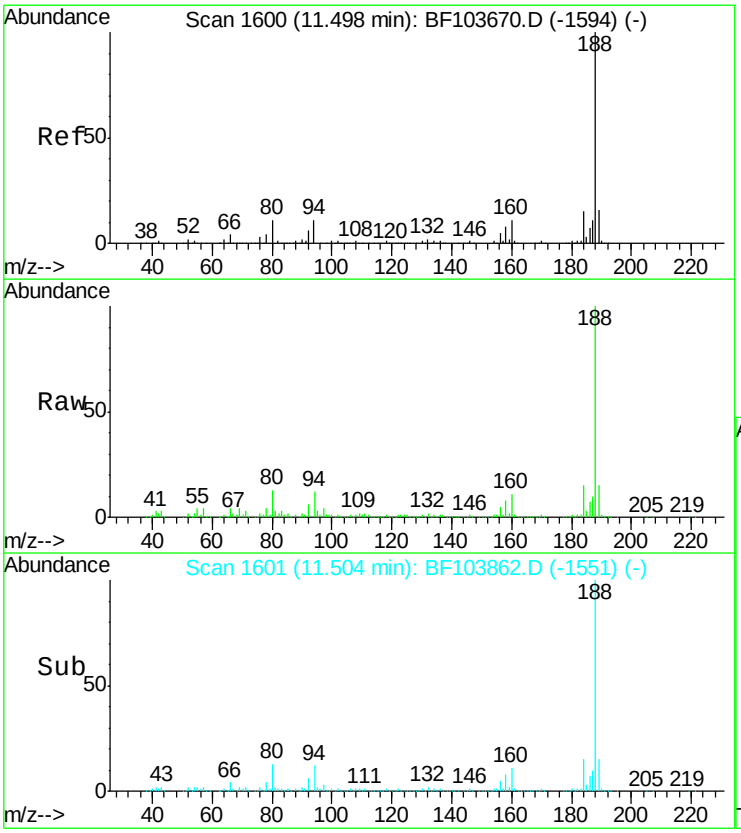
#49
Dimethylphthalate
Concen: 5.413 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Instrument :
BNA_F
ClientSampleId :
SLAB-CONCRETE-A

Tgt Ion:163 Resp: 95019

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.3	8.2	12.2

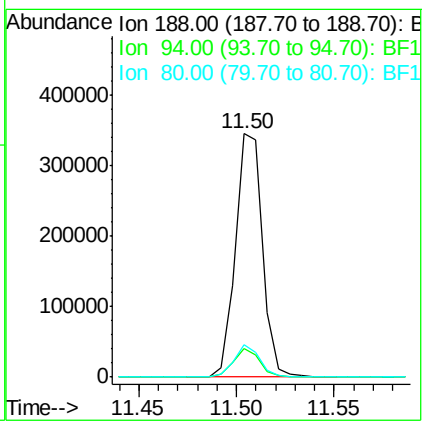


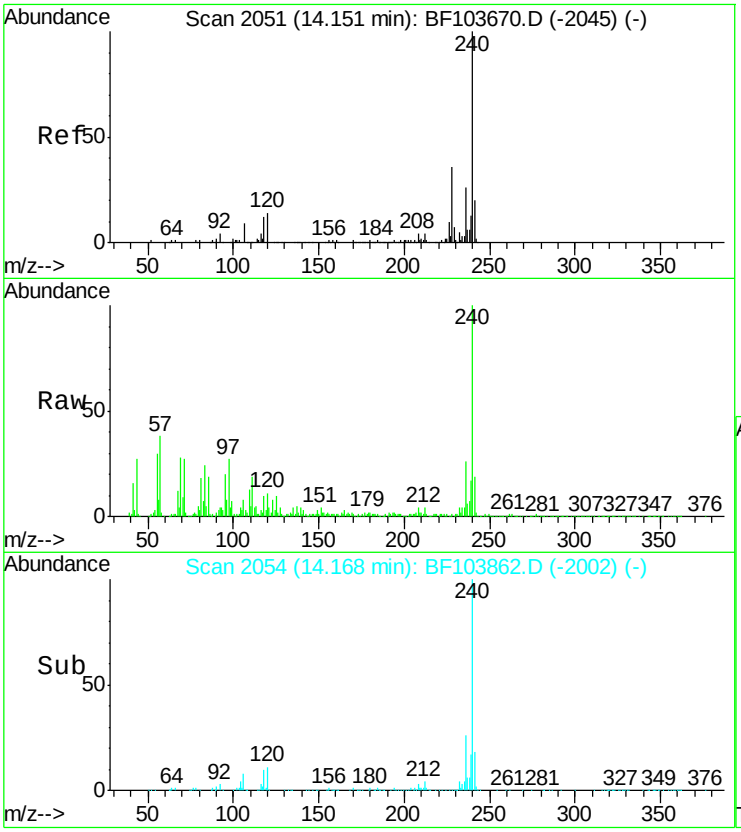


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Tgt Ion:188 Resp: 331470

Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	13.1	9.2	13.8



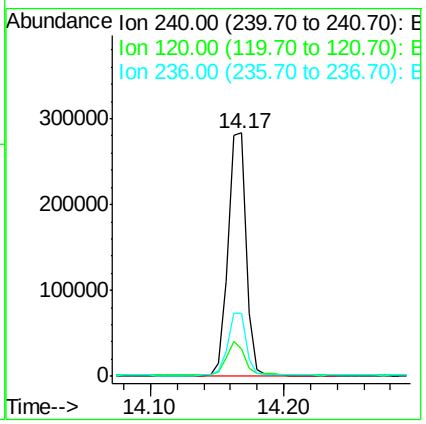


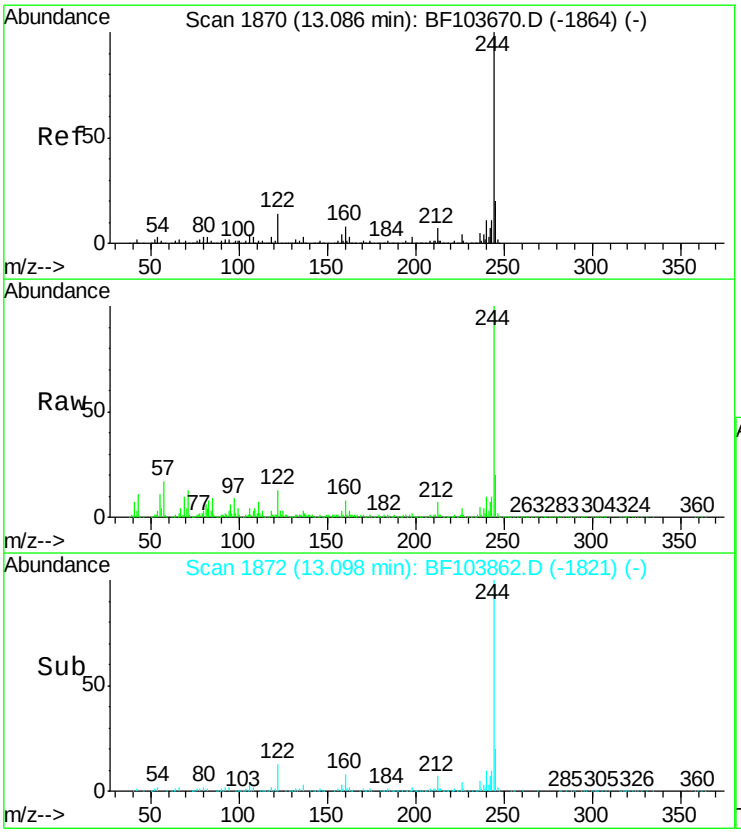
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Instrument :
BNA_F
ClientSampleId :
SLAB-CONCRETE-A

Tgt Ion:240 Resp: 277198

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.0	20.7	31.1

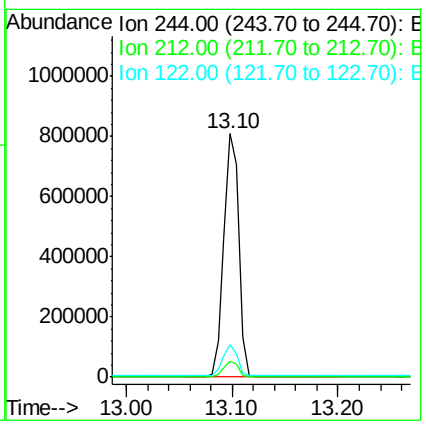


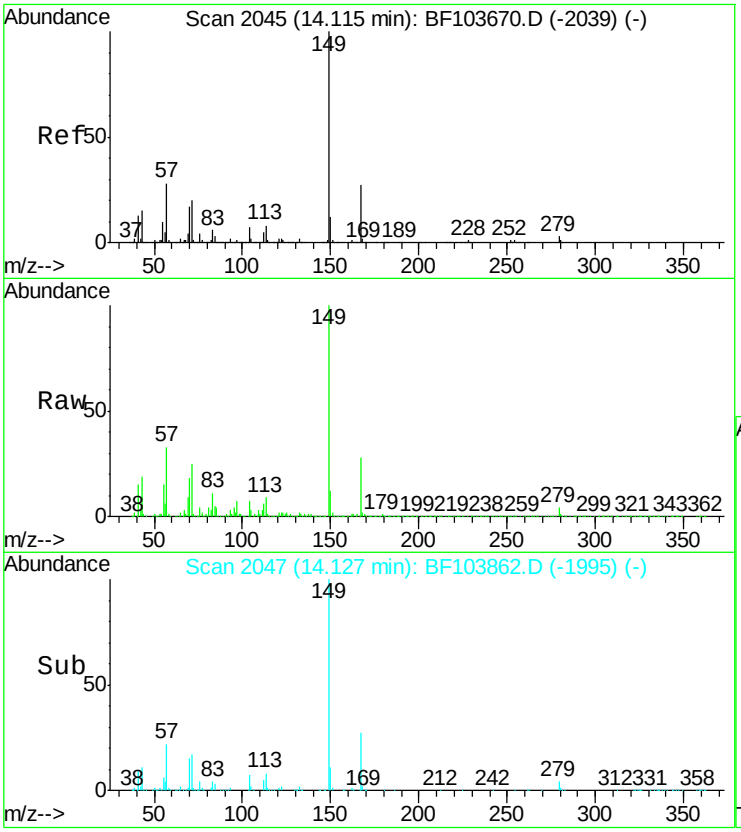


#78
Terphenyl-d14
Concen: 66.614 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Tgt Ion:244 Resp: 795526

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.1	11.0	16.4



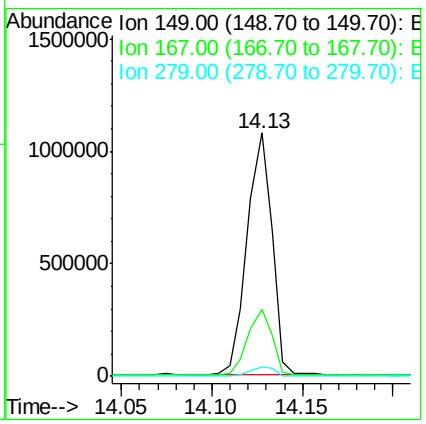


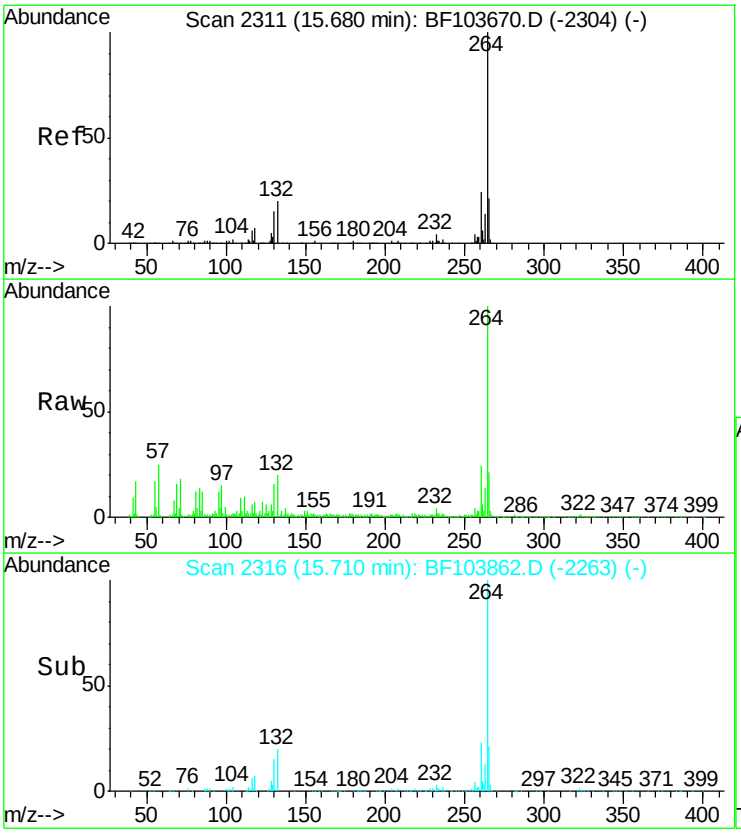
#83
Bis(2-ethylhexyl)phthalate
Concen: 79.334 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Instrument :
BNA_F
ClientSampleId :
SLAB-CONCRETE-A

Tgt Ion:149 Resp: 1022206

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.3	31.9
279	4.1	3.0	4.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. 0.01 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Tgt Ion:264 Resp: 244209

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	17.5	26.3