Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102553.D
Acq On : 28 Jan 2018 11:31
Operator : SJ/JU
Sample : J1321-07
Misc :
ALS Vial : 41 Sample Multiplier: 1

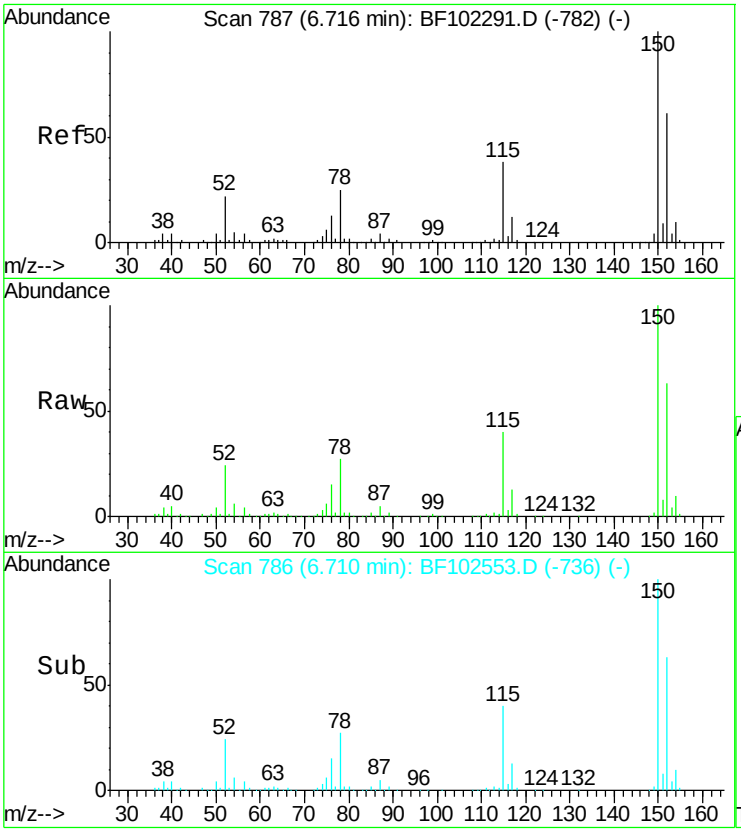
Instrument : BNA_F
ClientSampleId : OWL-C8-GW

Quant Time: Jan 29 01:08:07 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	172074	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	694315	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	279424	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	407925	20.00	ng	0.00
75) Chrysene-d12	13.87	240	311412	20.00	ng	0.00
86) Perylene-d12	15.30	264	255649	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	702928	61.94	ng	0.00
7) Phenol-d6	6.35	99	542808	39.67	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1033622	85.55	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	265814	96.01	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1606570	84.54	ng	0.00
78) Terphenyl-d14	12.82	244	1091904	79.04	ng	0.00

Target Compounds	Qvalue

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

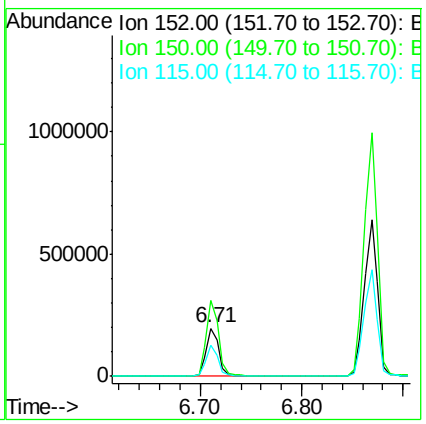


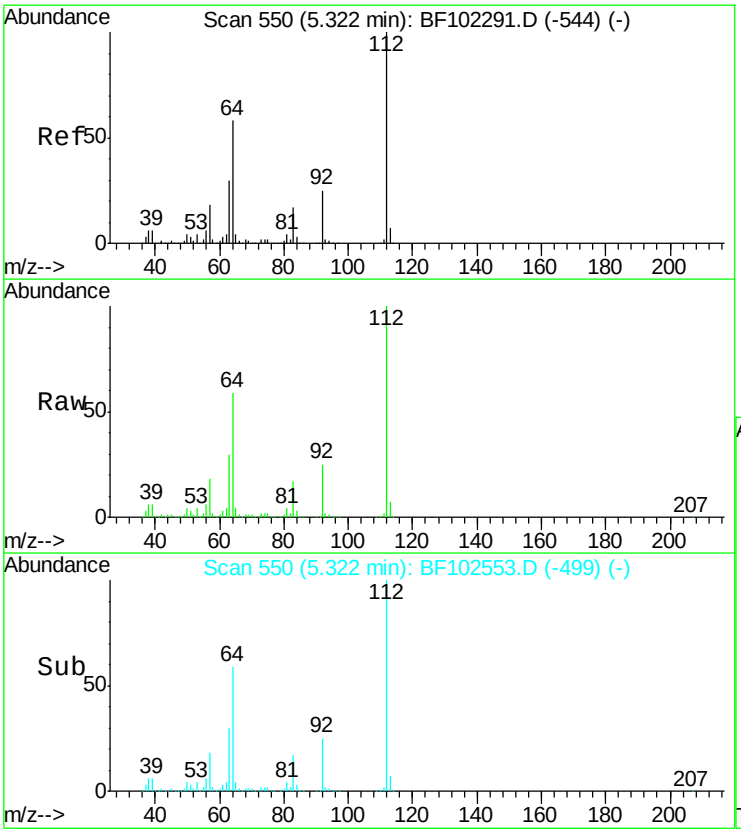
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF102553.D
Acq: 28 Jan 2018 11:31

Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

Tgt Ion:152 Resp: 172074

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	63.9	50.1	75.1

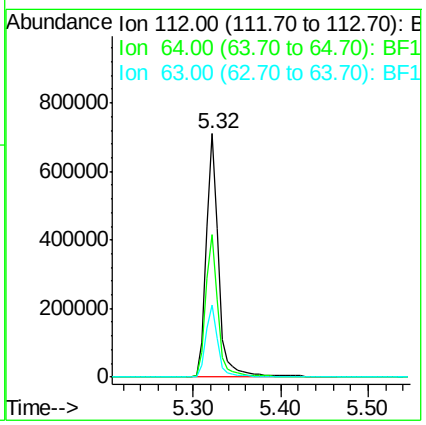


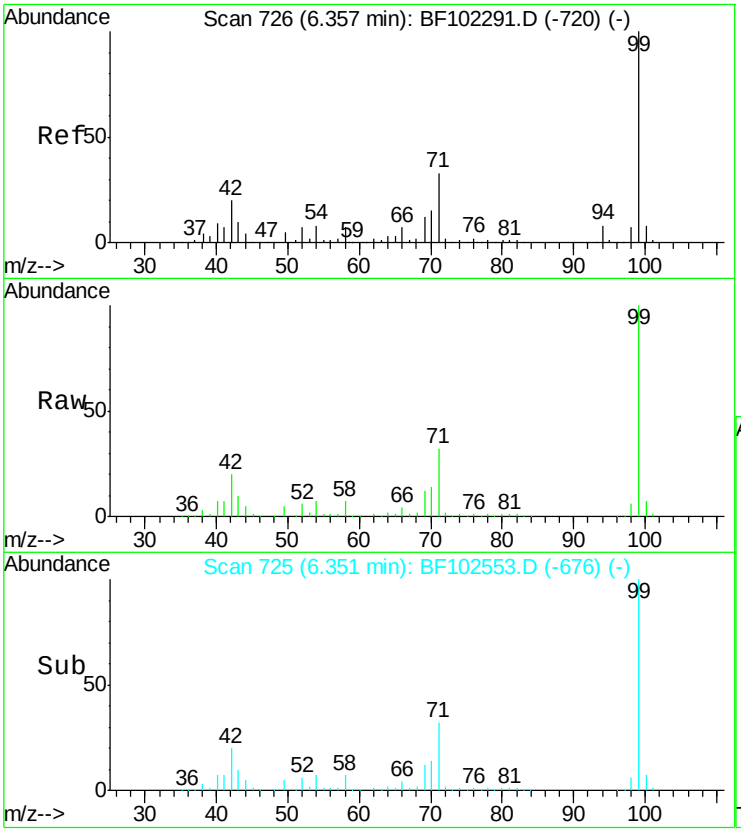


#5
2-Fluorophenol
Concen: 61.940 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF102553.D
Acq: 28 Jan 2018 11:31

Tgt Ion:112 Resp: 702928

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	29.6	23.7	35.5



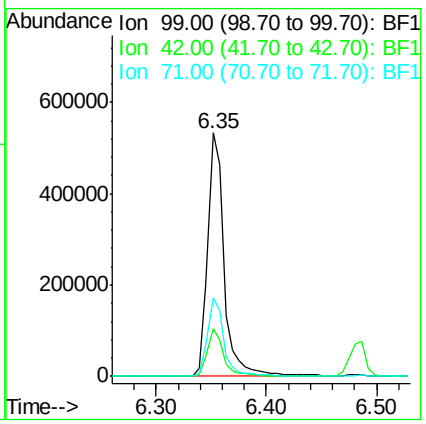


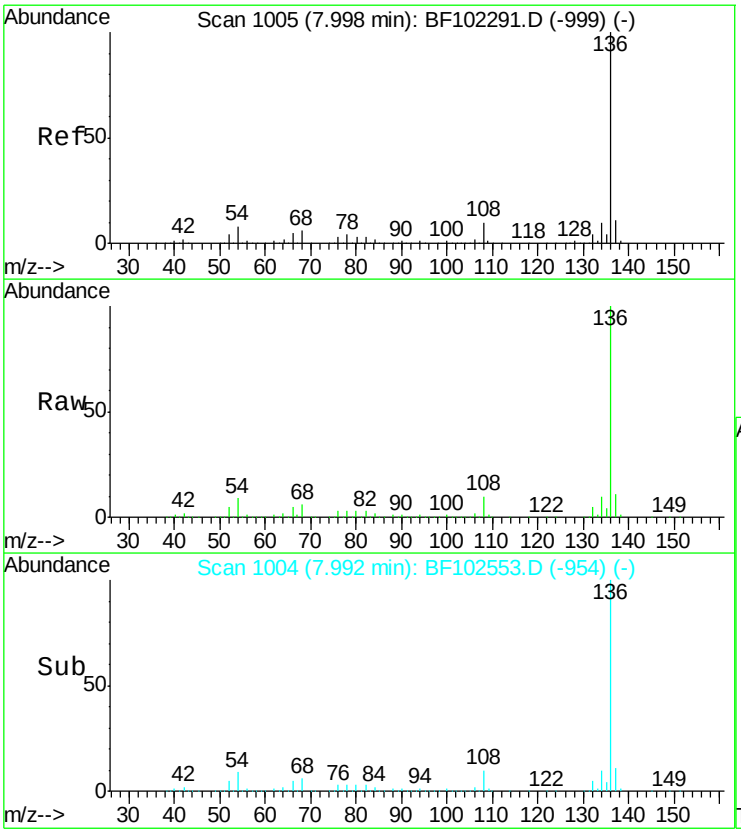
#7
Phenol-d6
Concen: 39.674 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF102553.D
Acq: 28 Jan 2018 11:31

Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

Tgt Ion: 99 Resp: 542808

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	32.3	25.4	38.0

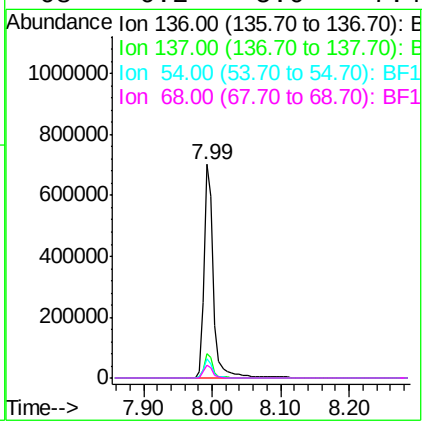


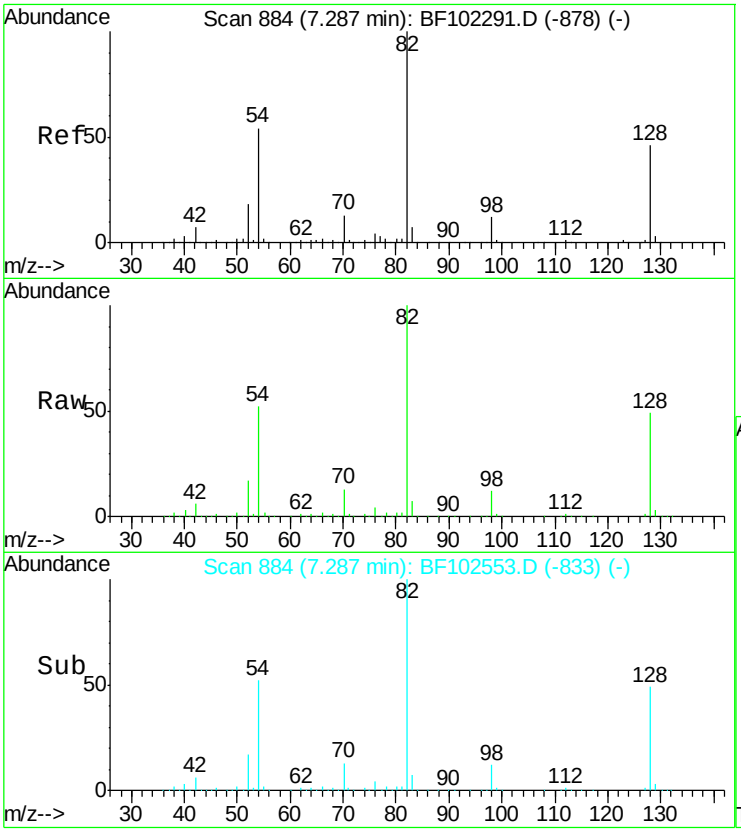


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF102553.D
Acq: 28 Jan 2018 11:31

Tgt Ion:136 Resp: 694315

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.9	6.6	9.8
68	6.2	5.0	7.4



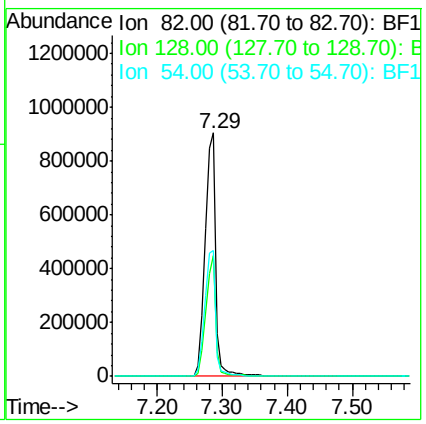


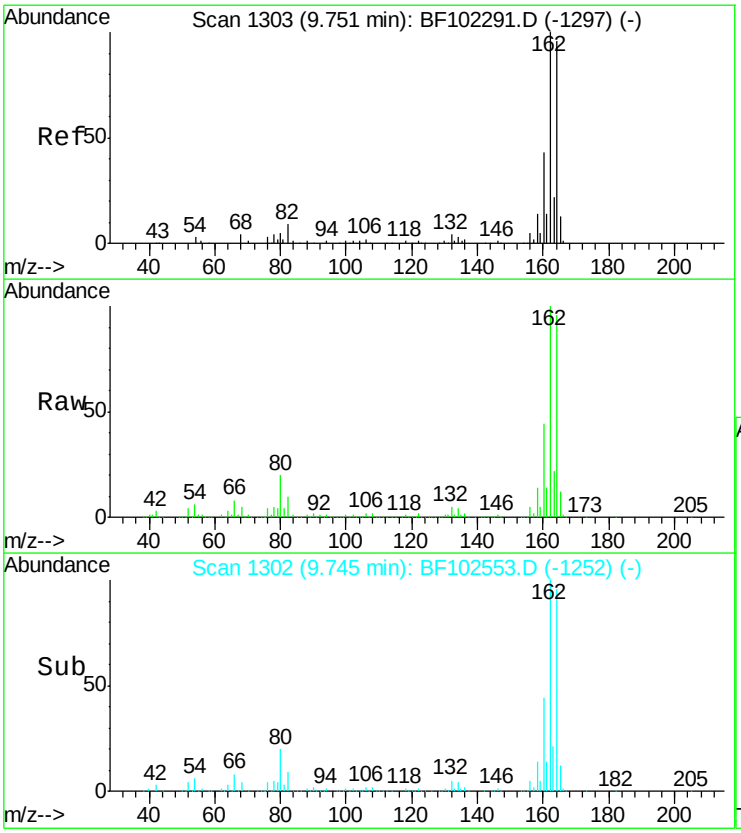
#23
Nitrobenzene-d5
Concen: 85.551 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102553.D
Acq: 28 Jan 2018 11:31

Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

Tgt Ion: 82 Resp: 1033622

Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.1	54.1
54	51.5	41.4	62.2

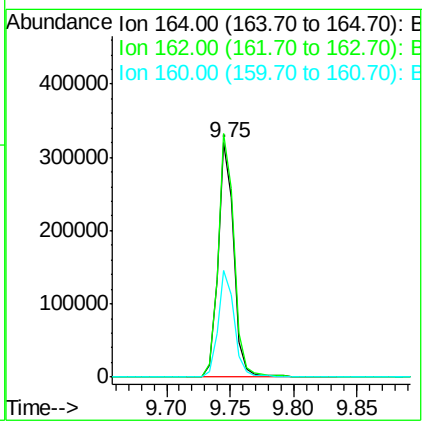


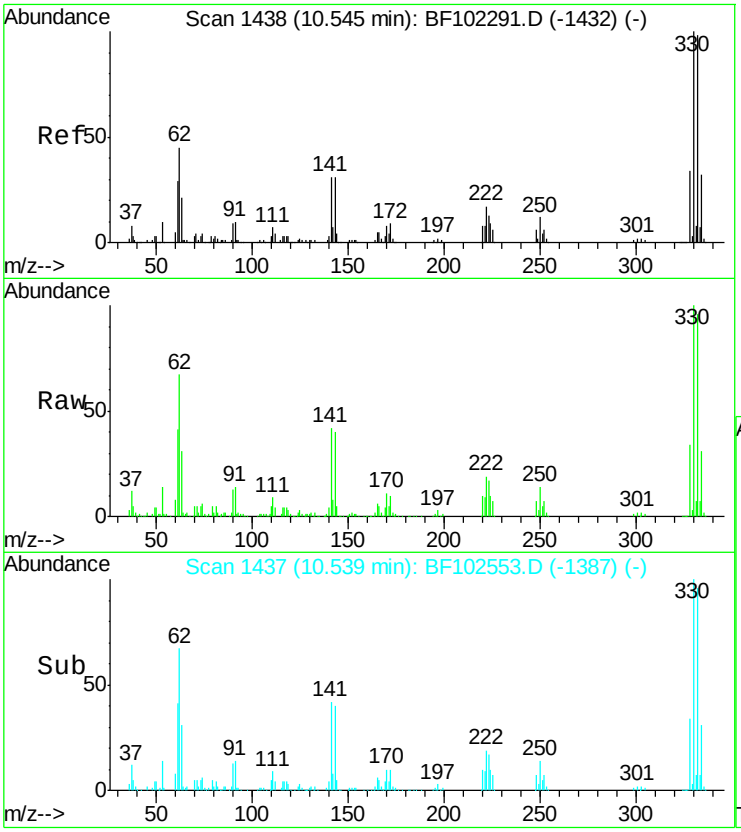


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102553.D
Acq: 28 Jan 2018 11:31

Tgt Ion:164 Resp: 279424

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	45.6	38.3	57.5



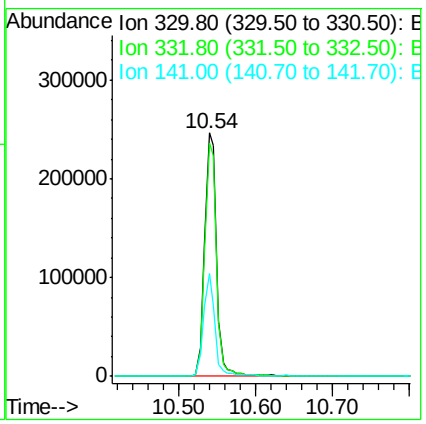


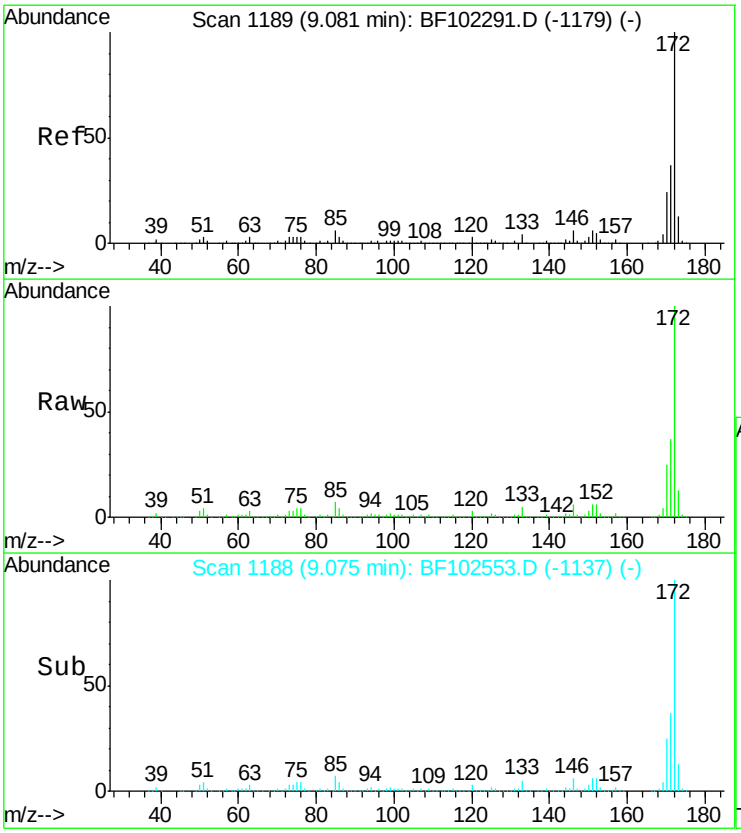
#41
2,4,6-Tribromophenol
Concen: 96.007 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102553.D
Acq: 28 Jan 2018 11:31

Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

Tgt Ion:330 Resp: 265814

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	39.6	29.9	44.9

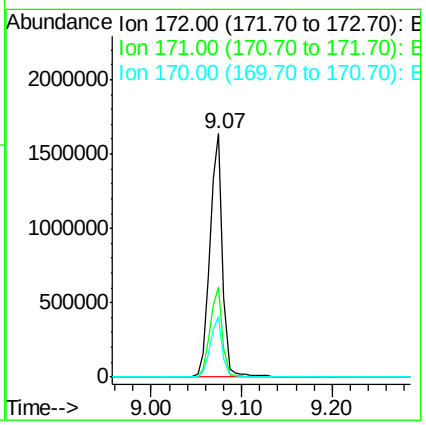


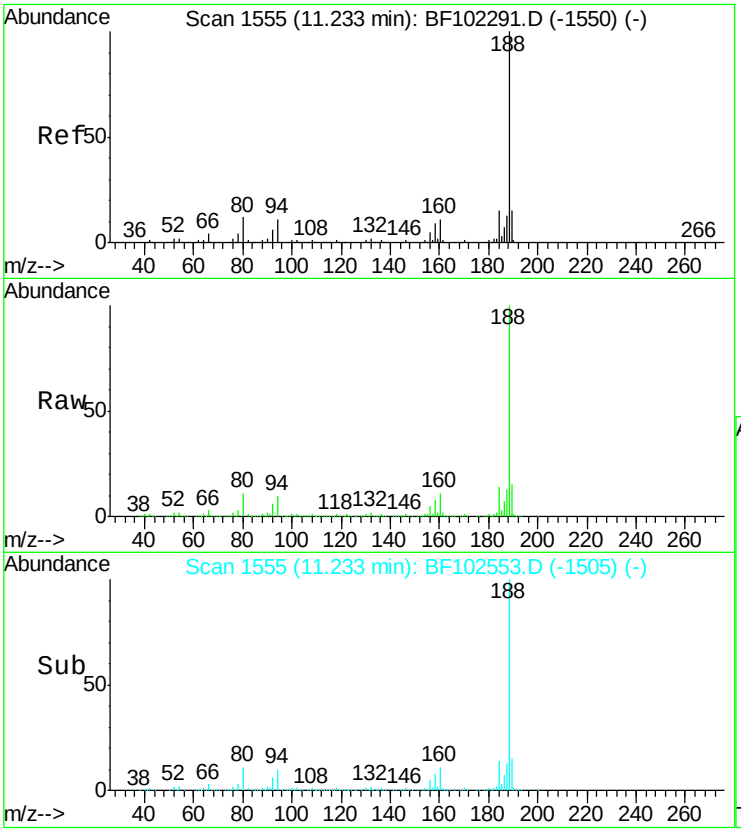


#44
2-Fluorobiphenyl
Concen: 84.539 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF102553.D
Acq: 28 Jan 2018 11:31

Tgt Ion:172 Resp: 1606570

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.7	19.6	29.4



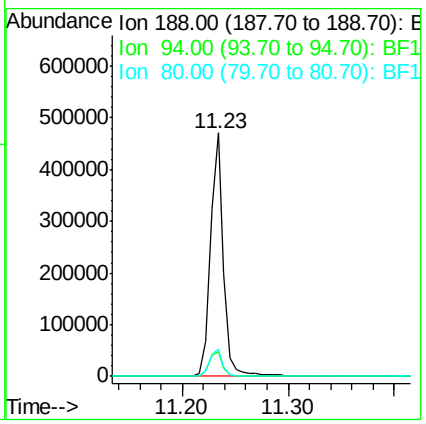


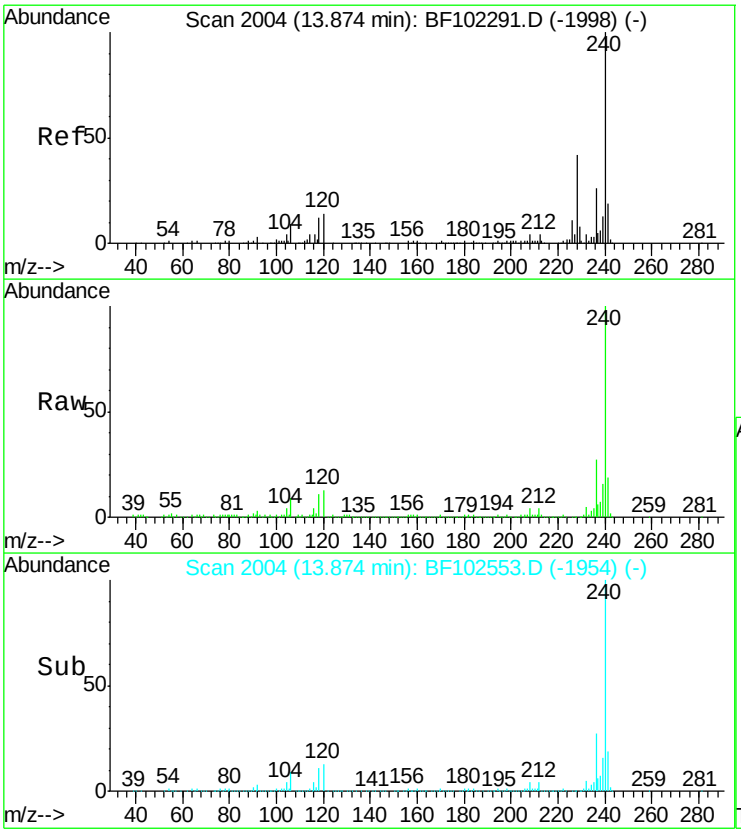
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102553.D
Acq: 28 Jan 2018 11:31

Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

Tgt Ion:188 Resp: 407925

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.4	9.2	13.8

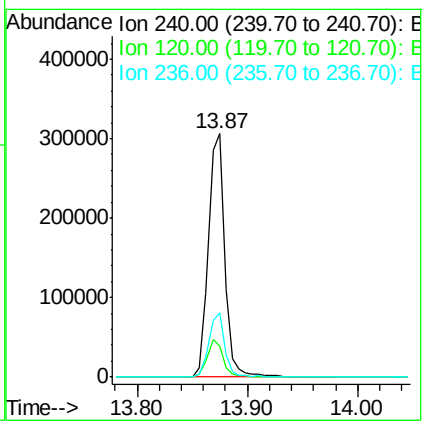


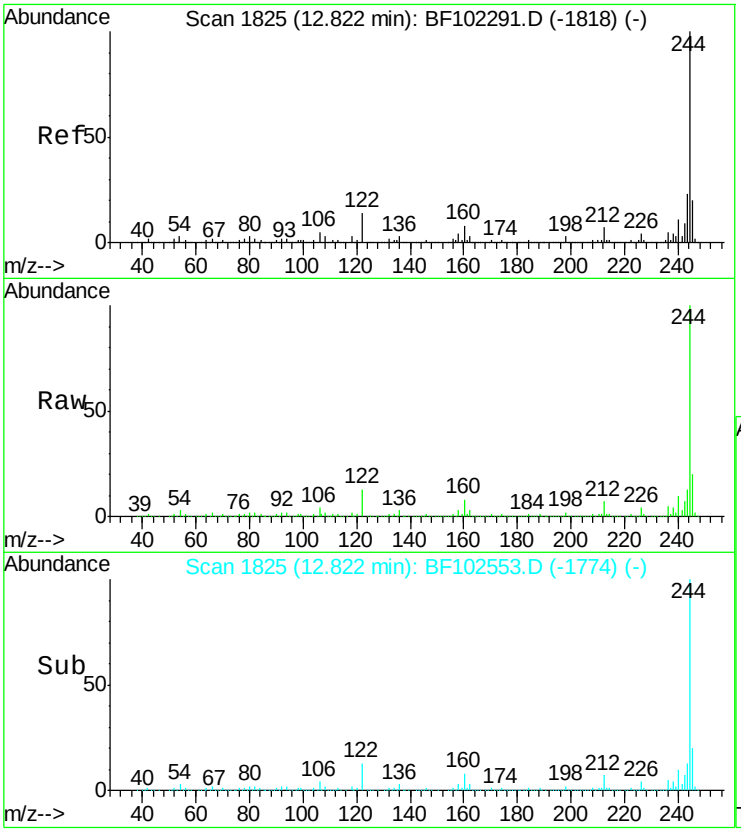


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102553.D
Acq: 28 Jan 2018 11:31

Tgt Ion:240 Resp: 311412

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.7	20.7	31.1



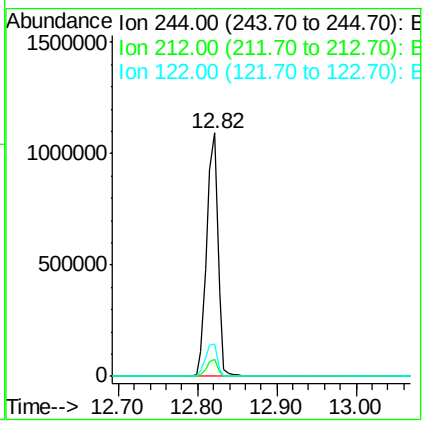


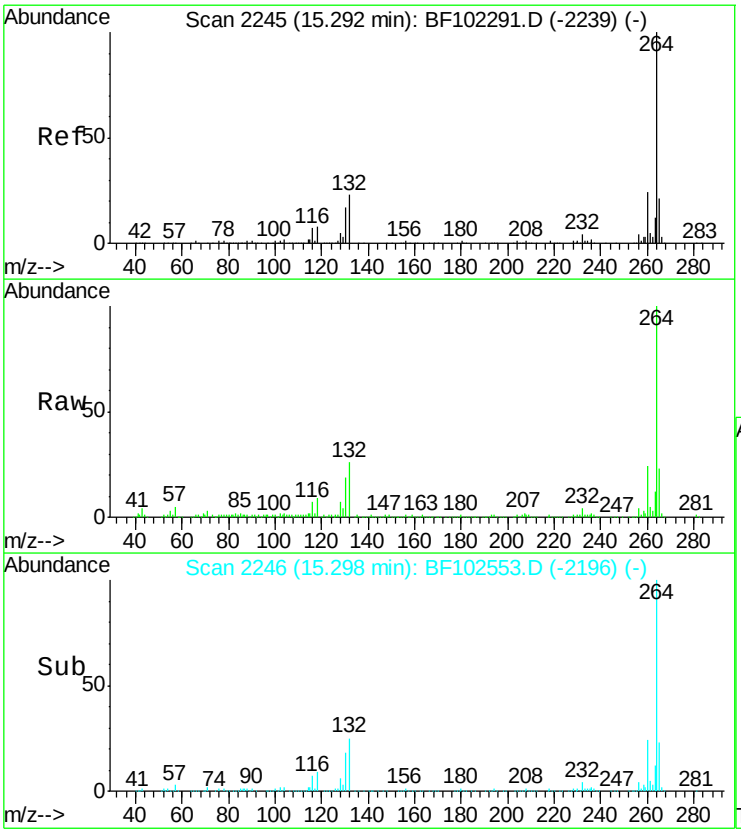
#78
Terphenyl-d14
Concen: 79.045 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF102553.D
Acq: 28 Jan 2018 11:31

Instrument :
BNA_F
ClientSampleId :
OWL-C8-GW

Tgt Ion:244 Resp: 1091904

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF102553.D
Acq: 28 Jan 2018 11:31

Tgt Ion:264 Resp: 255649

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	23.0	17.5	26.3