Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102384.D
Acq On : 24 Jan 2018 11:32
Operator : SJ/JU
Sample : J1239-15DL 10X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-42-01DL

Quant Time: Jan 24 12:30:56 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	121746	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	501393	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	210124	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	306321	20.00	ng	0.00
75) Chrysene-d12	13.87	240	243244	20.00	ng	0.00
86) Perylene-d12	15.29	264	217385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	106287	13.24	ng	0.00
7) Phenol-d6	6.35	99	120210	12.42	ng	0.00
23) Nitrobenzene-d5	7.27	82	86322	9.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	23464	11.27	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	181033	12.67	ng	-0.01
78) Terphenyl-d14	12.82	244	129681	12.02	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.36	94	485379	45.929	ng	99
17) 2-Methylphenol	6.97	107	117057	16.013	ng	99
20) 3+4-Methylphenols	7.13	107	354397	41.222	ng	87
27) 2,4-Dimethylphenol	7.66	122	69789	10.227	ng	98
31) Naphthalene	8.02	128	1274747	50.921	ng	100
37) 2-Methylnaphthalene	8.71	142	37203	2.231	ng	97
48) Acenaphthylene	9.61	152	58963	2.592	ng	97
72) Carbazole	11.47	167	51475	2.896	ng	99

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

Quantitation Report (QT Reviewed)

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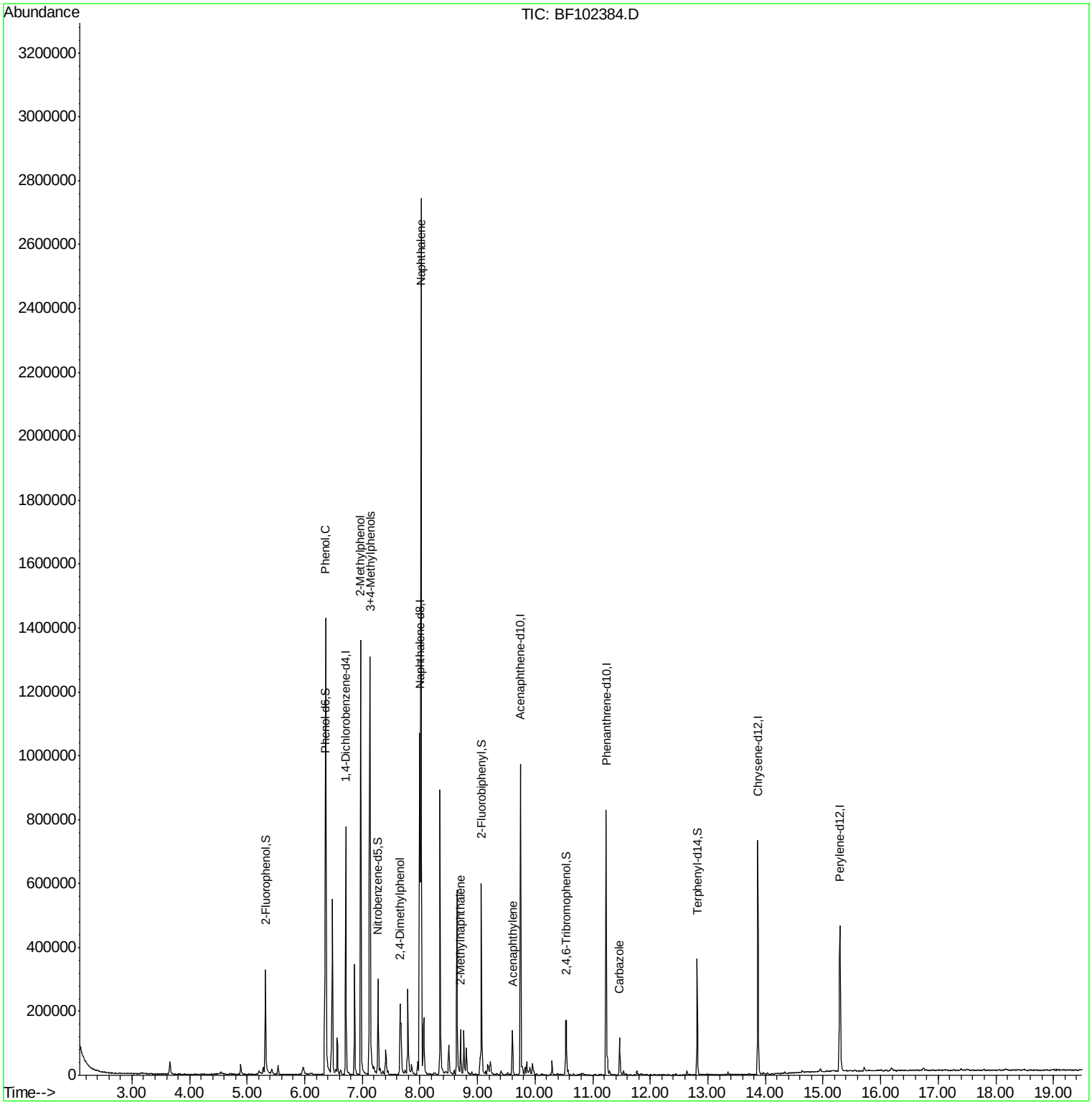
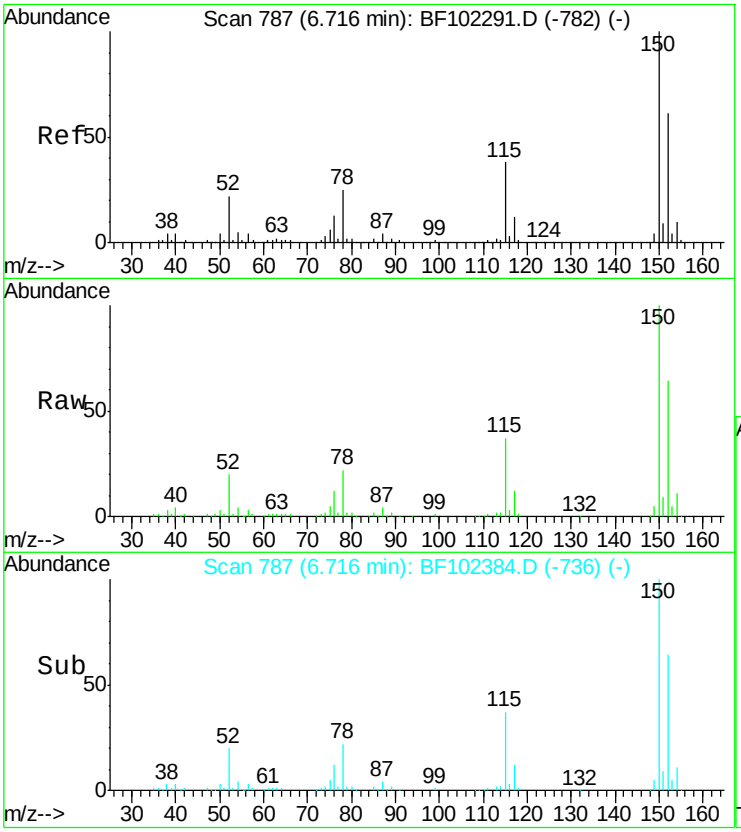


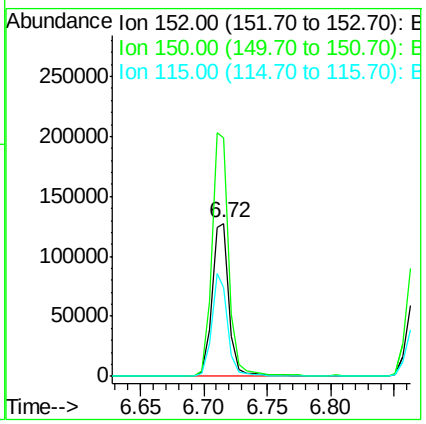


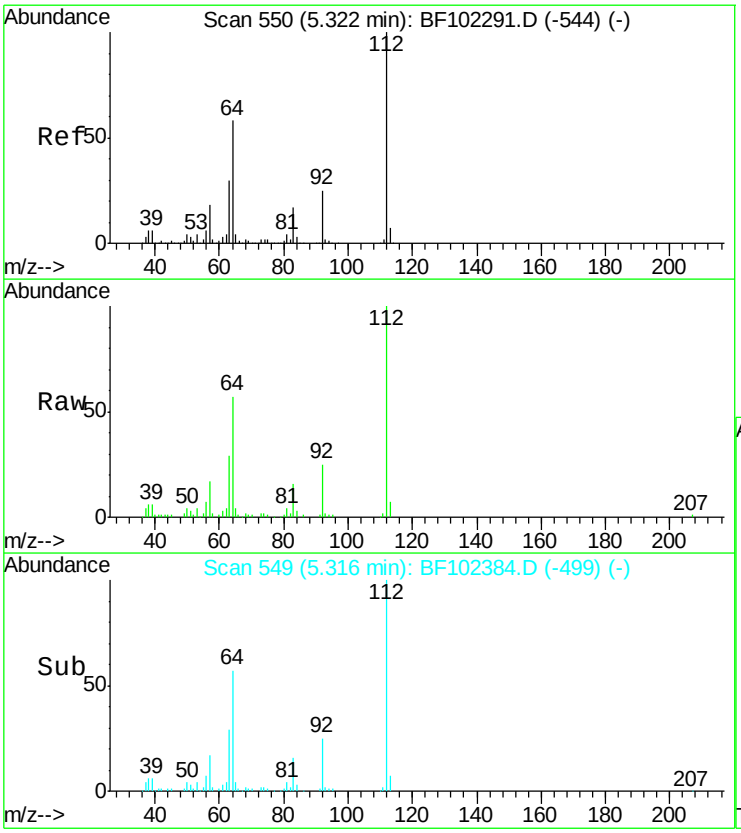
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Instrument :
BNA_F
ClientSampleId :
WC-42-01DL

Tgt Ion:152 Resp: 121746

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	58.3	50.1	75.1

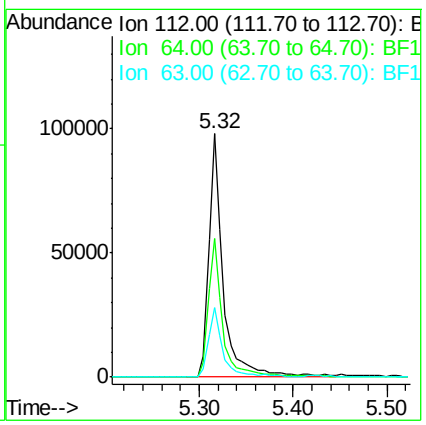


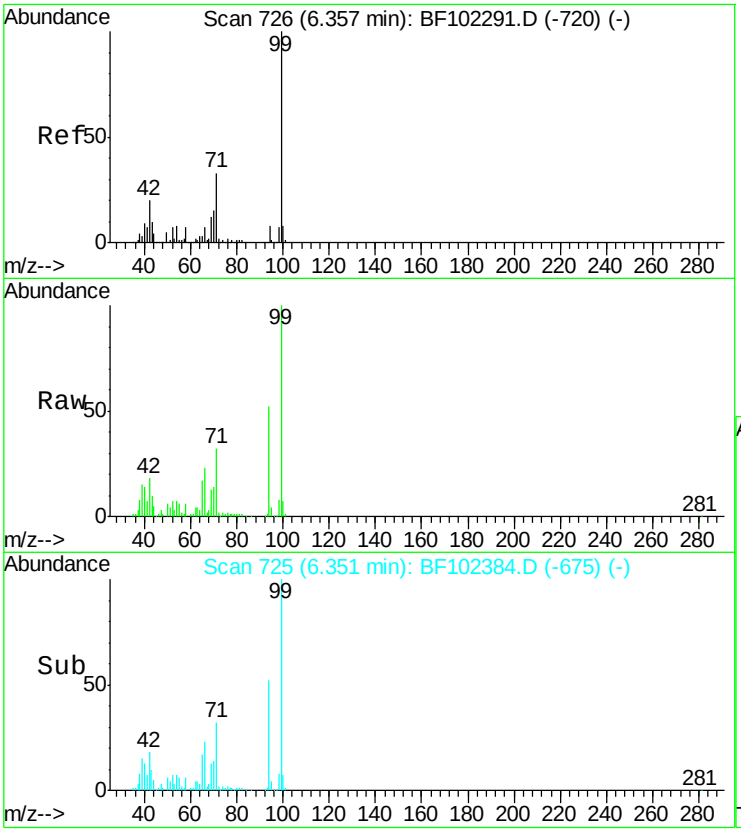


#5
2-Fluorophenol
Concen: 13.237 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Tgt Ion:112 Resp: 106287

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	28.7	23.7	35.5



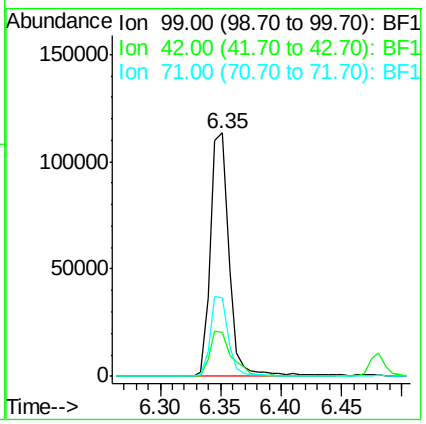


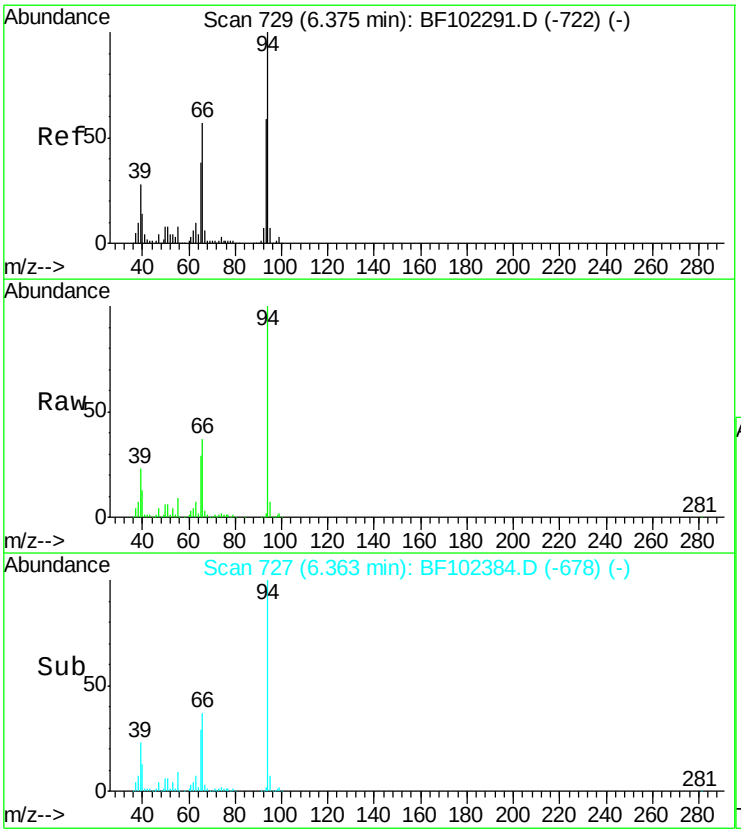
#7
Phenol-d6
Concen: 12.418 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Instrument :
BNA_F
ClientSampleId :
WC-42-01DL

Tgt Ion: 99 Resp: 120210

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	32.1	25.4	38.0

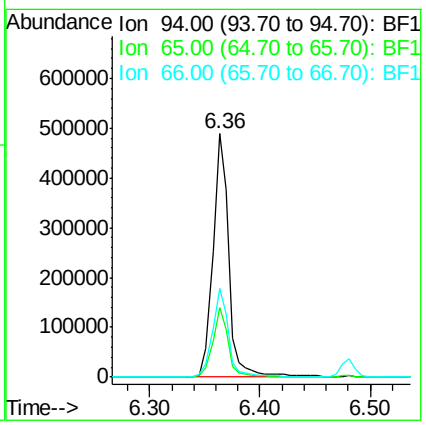


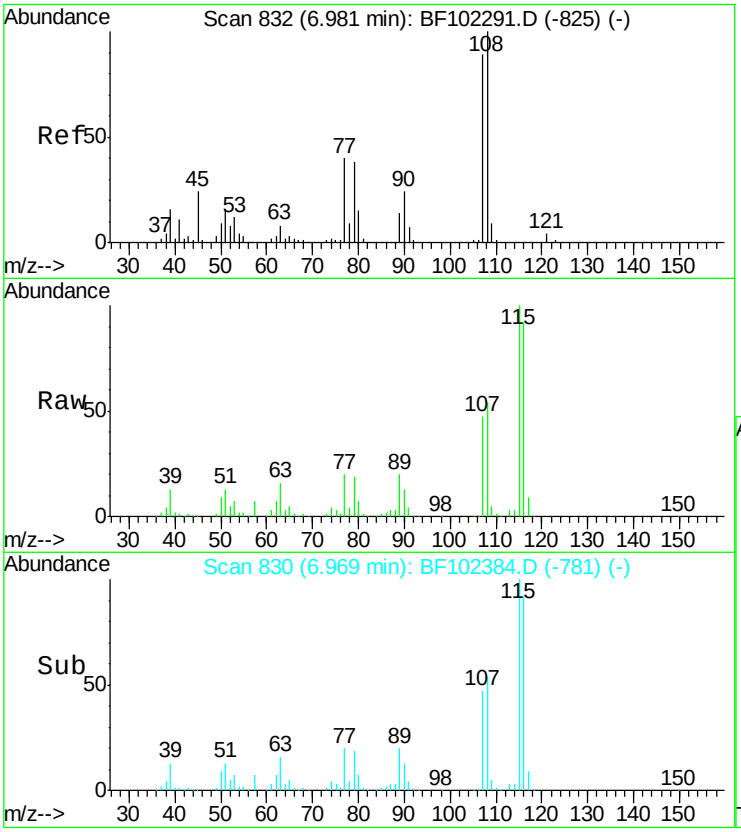


#10
Phenol
Concen: 45.929 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Tgt Ion: 94 Resp: 485379

Ion	Ratio	Lower	Upper
94	100		
65	28.6	7.9	47.9
66	36.7	16.2	56.2



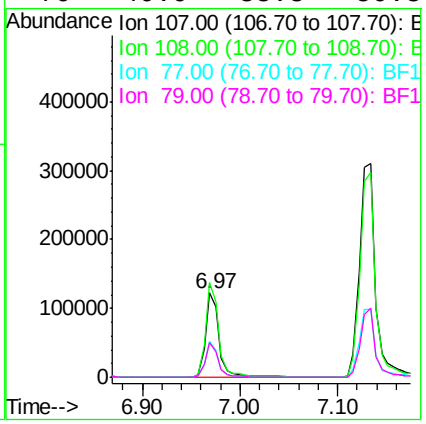


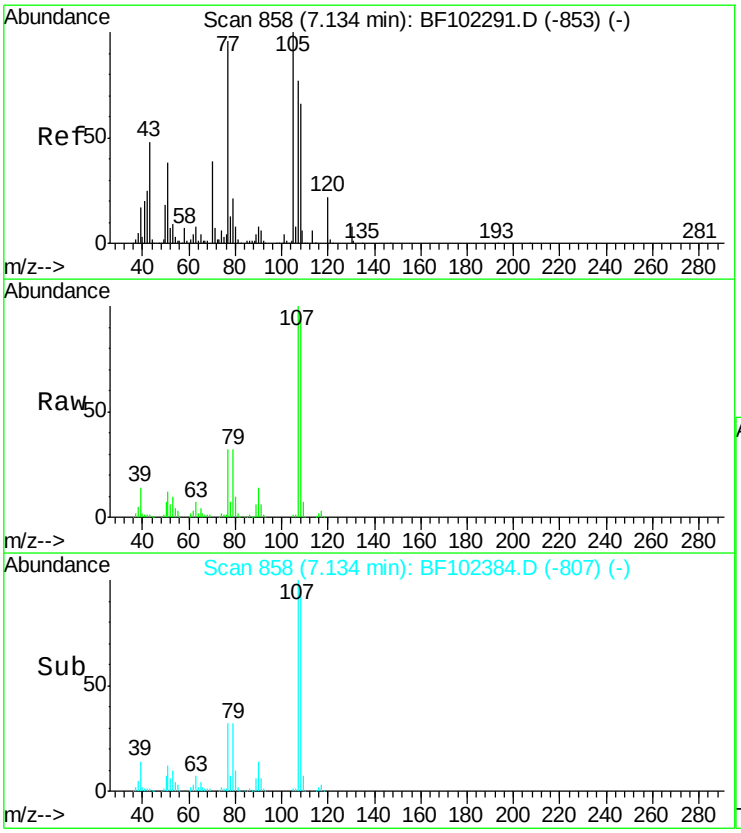
#17
2-Methylphenol
Concen: 16.013 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Instrument :
BNA_F
ClientSampleId :
WC-42-01DL

Tgt Ion:107 Resp: 117057

Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.7	137.5
77	42.7	33.8	50.8
79	40.9	33.8	50.8

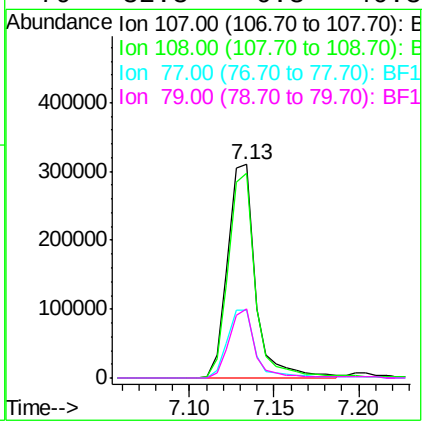


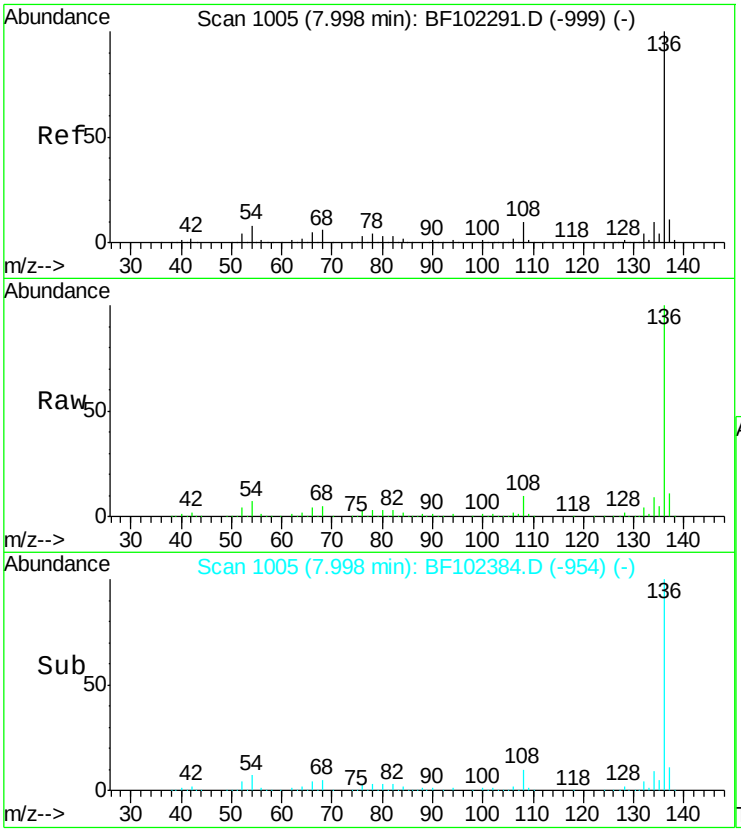


#20
3+4-Methylphenols
Concen: 41.222 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Tgt Ion:107 Resp: 354397

Ion	Ratio	Lower	Upper
107	100		
108	96.1	68.2	108.2
77	31.9	26.7	66.7
79	32.3	6.3	46.3



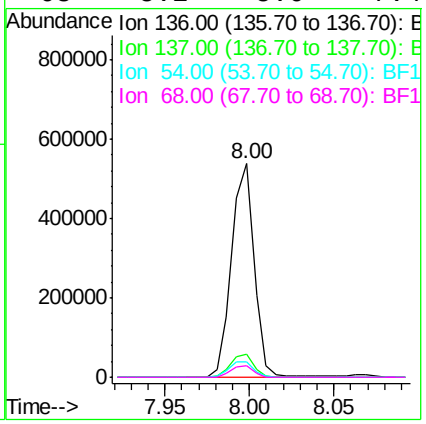


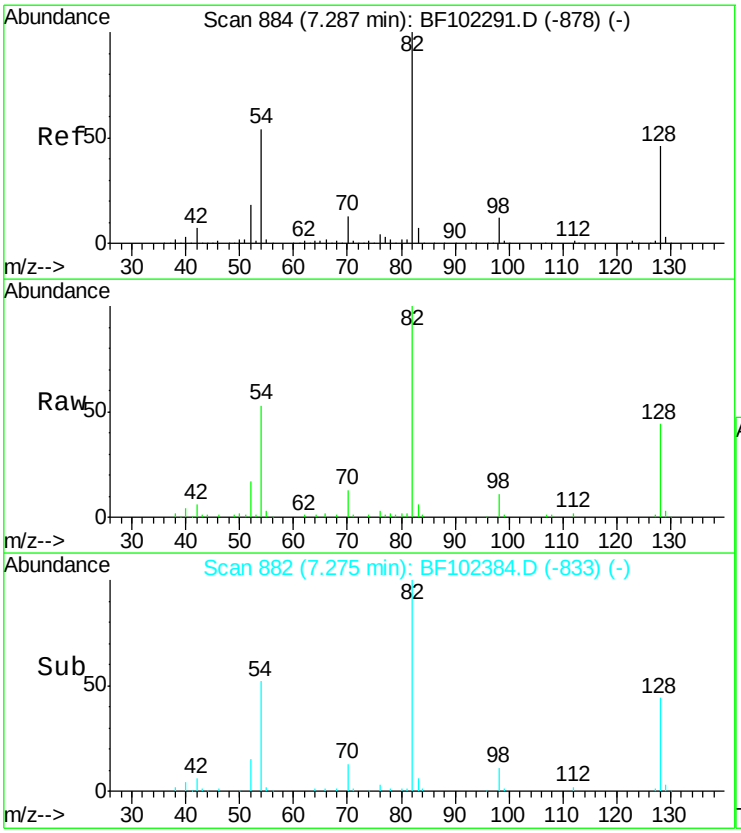
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Instrument :
BNA_F
ClientSampleId :
WC-42-01DL

Tgt Ion:136 Resp: 501393

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.2	6.6	9.8
68	5.2	5.0	7.4

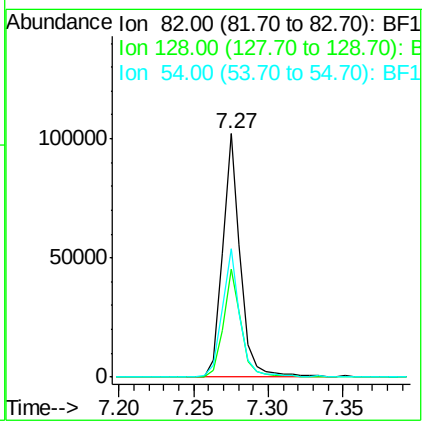


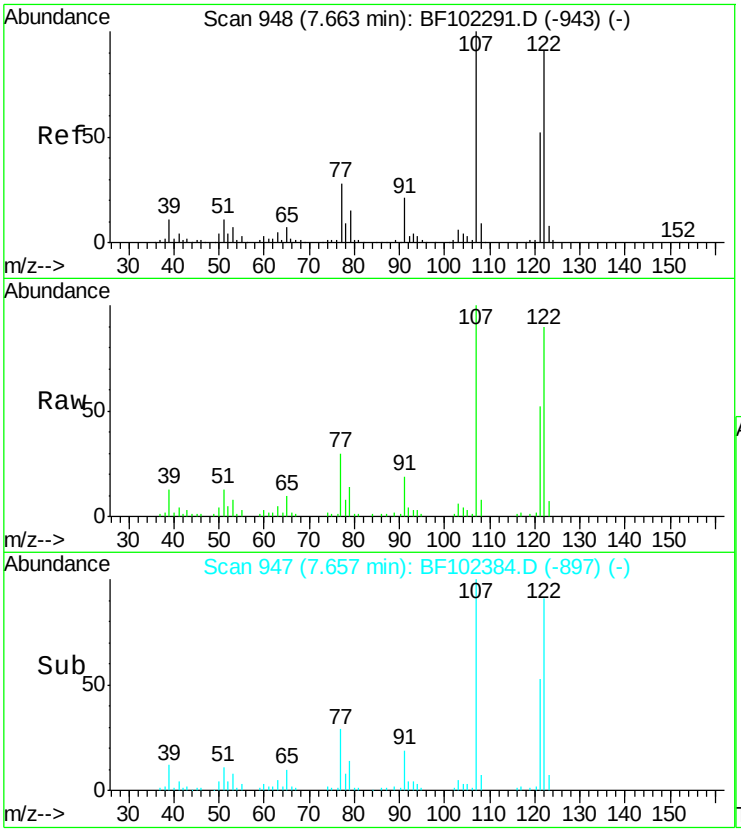


#23
Nitrobenzene-d5
Concen: 9.894 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Tgt Ion: 82 Resp: 86322

Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	52.9	41.4	62.2



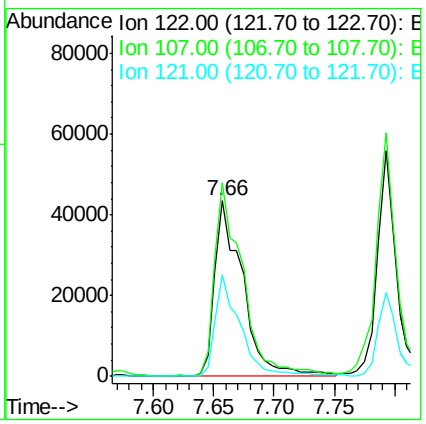


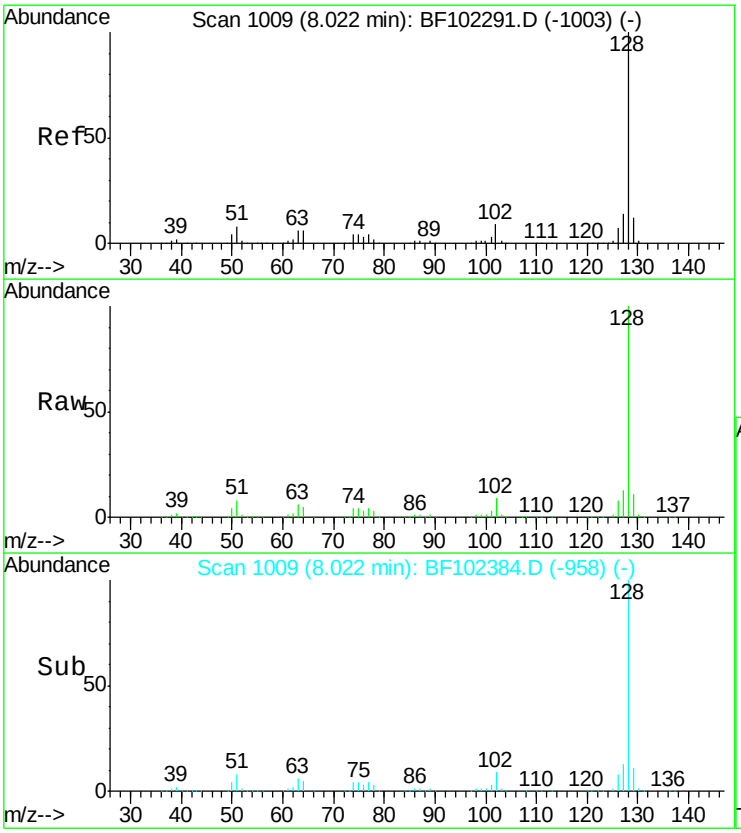
#27
2,4-Dimethylphenol
Concen: 10.227 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Instrument :
BNA_F
ClientSampleId :
WC-42-01DL

Tgt Ion:122 Resp: 69789

Ion	Ratio	Lower	Upper
122	100		
107	110.9	91.2	136.8
121	58.1	47.2	70.8

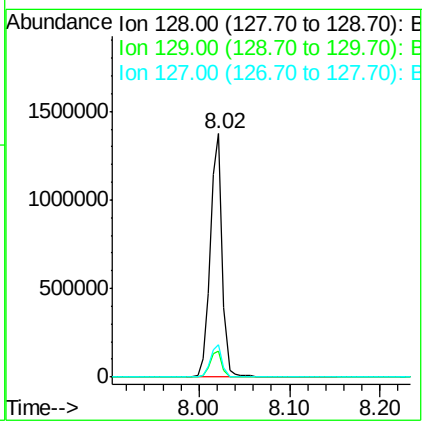


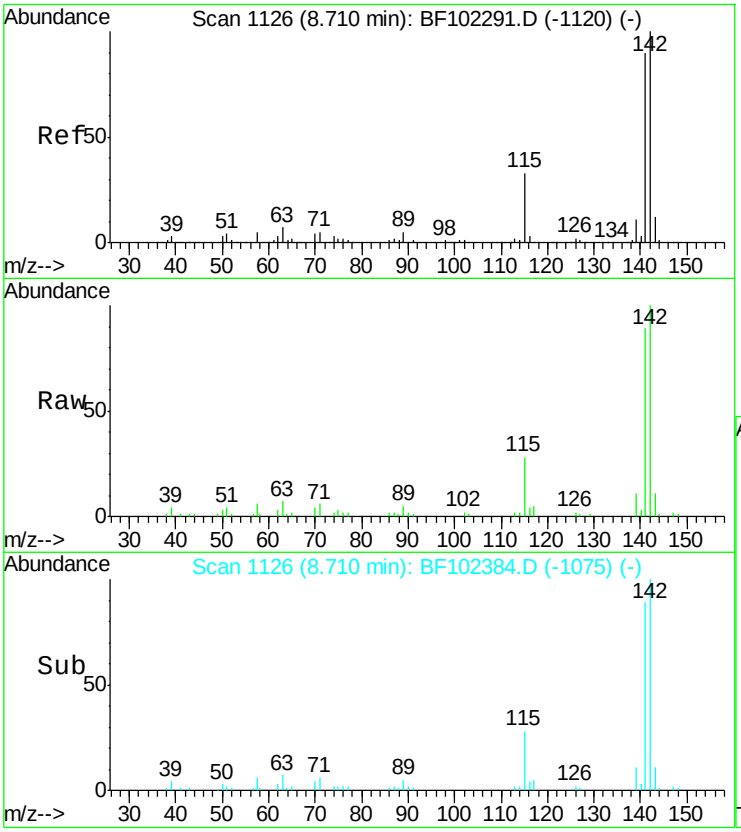


#31
Naphthalene
Concen: 50.921 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Tgt Ion:128 Resp: 1274747

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.4	10.9	16.3



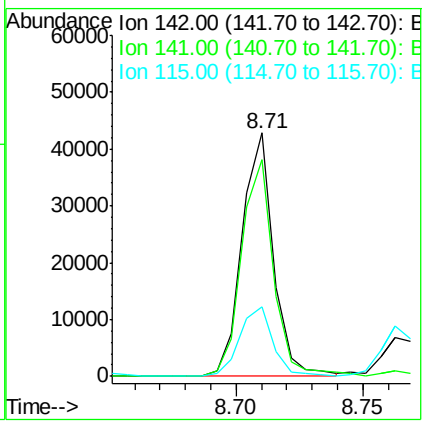


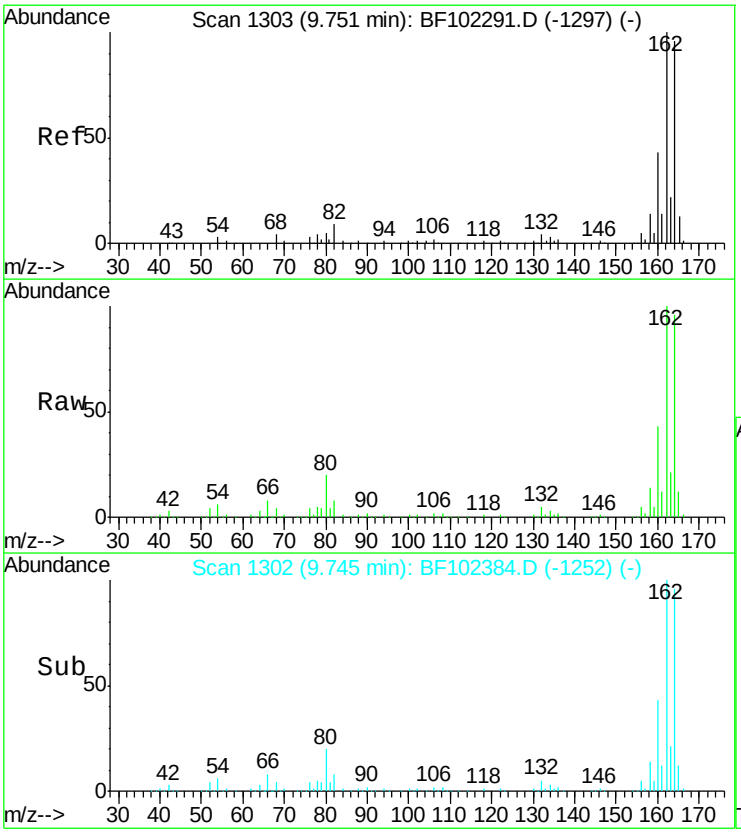
#37
2-Methylnaphthalene
Concen: 2.231 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Instrument :
BNA_F
ClientSampleId :
WC-42-01DL

Tgt Ion:142 Resp: 37203

Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	28.4	26.1	39.1

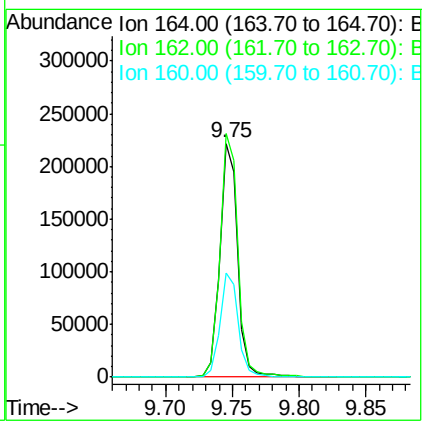


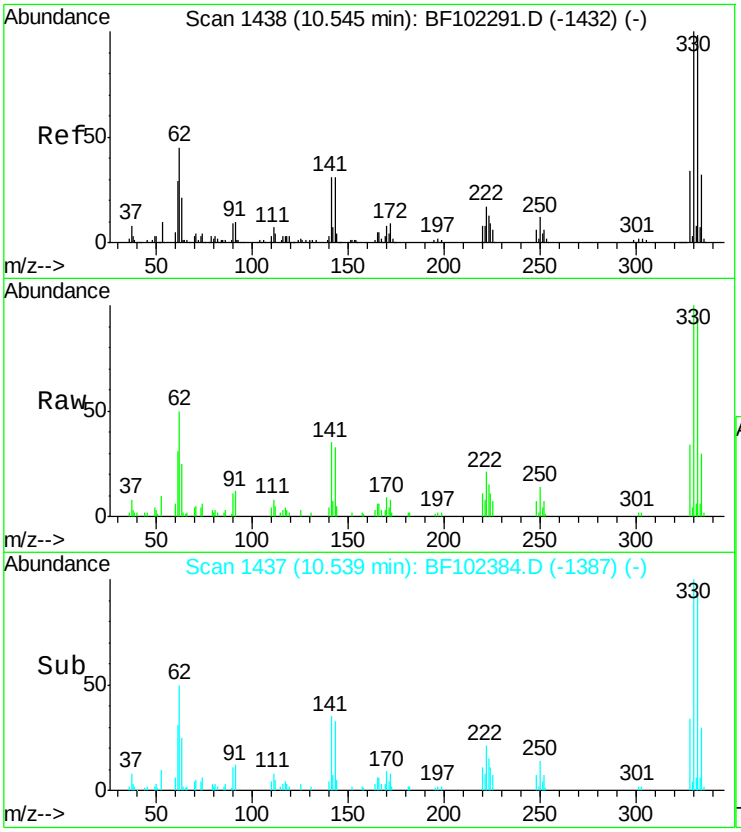


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Tgt Ion:164 Resp: 210124

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	44.5	38.3	57.5



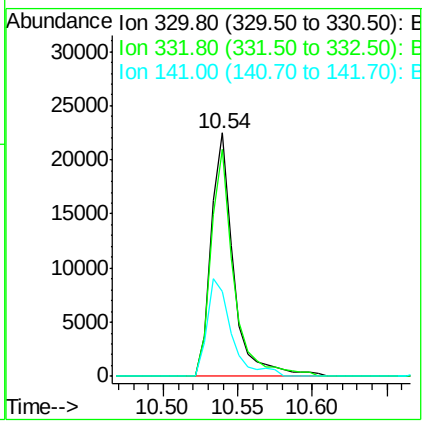


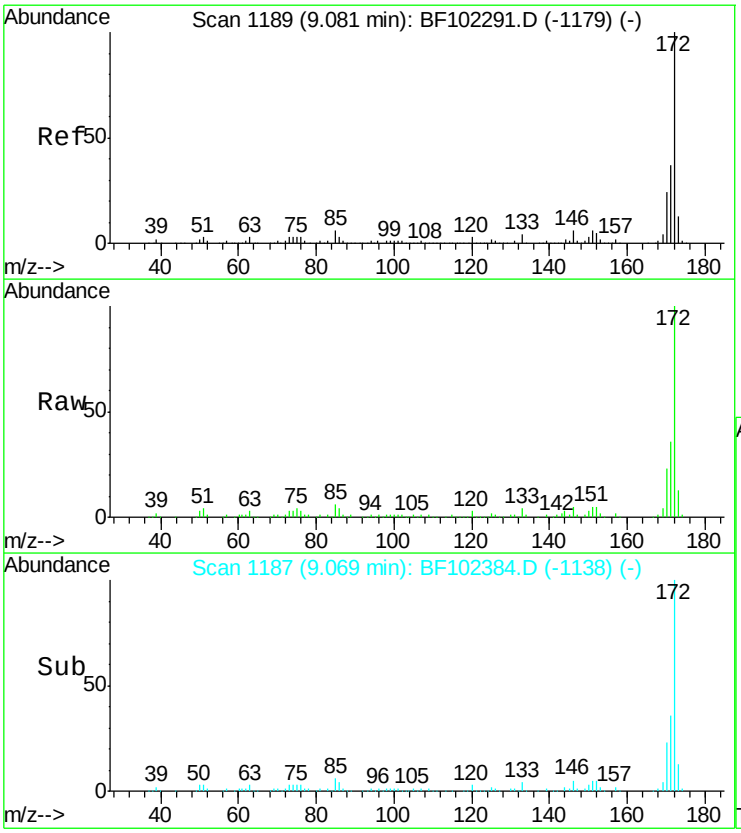
#41
2,4,6-Tribromophenol
Concen: 11.270 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Instrument :
BNA_F
ClientSampleId :
WC-42-01DL

Tgt Ion:330 Resp: 23464

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	43.1	29.9	44.9

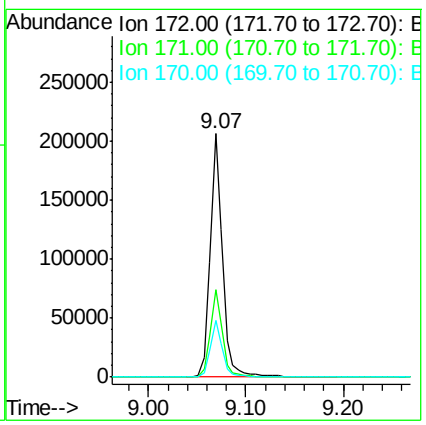


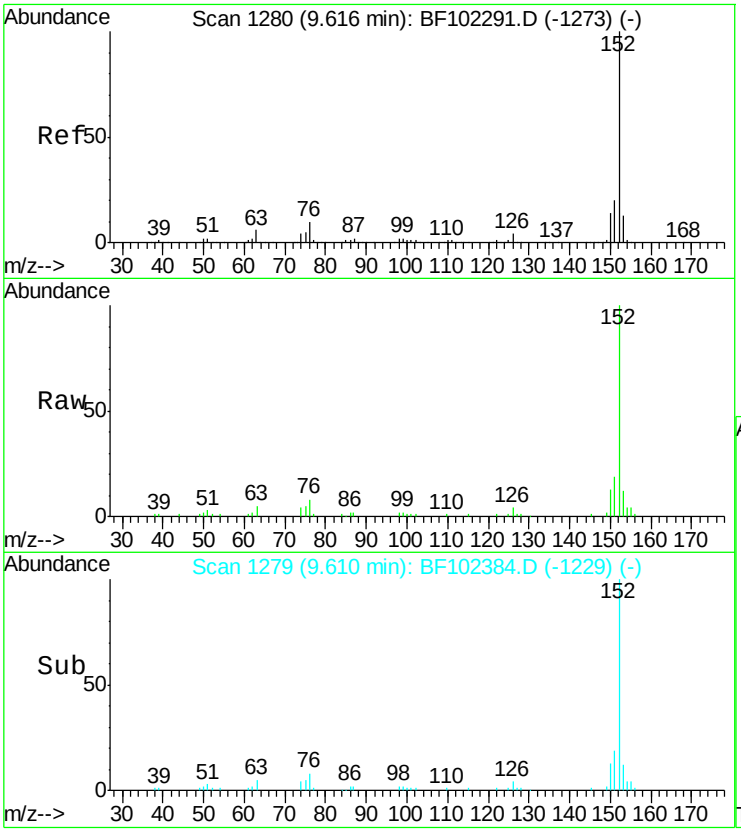


#44
2-Fluorobiphenyl
Concen: 12.668 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Tgt Ion:172 Resp: 181033

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.1	19.6	29.4



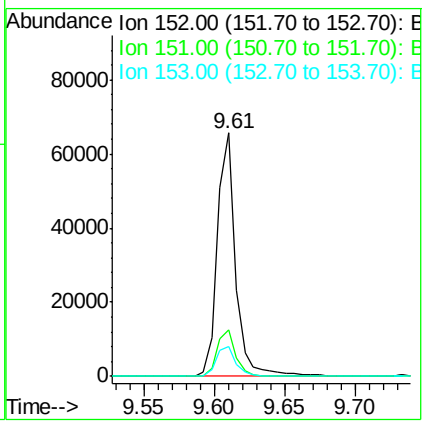


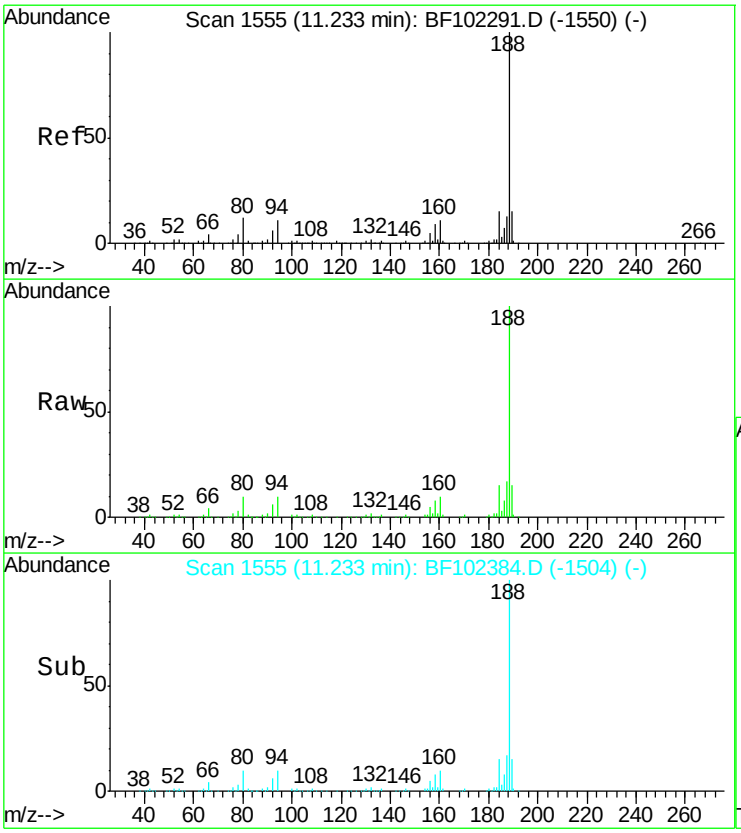
#48
Acenaphthylene
Concen: 2.592 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Instrument :
BNA_F
ClientSampleId :
WC-42-01DL

Tgt Ion:152 Resp: 58963

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.3	24.5
153	12.3	10.7	16.1

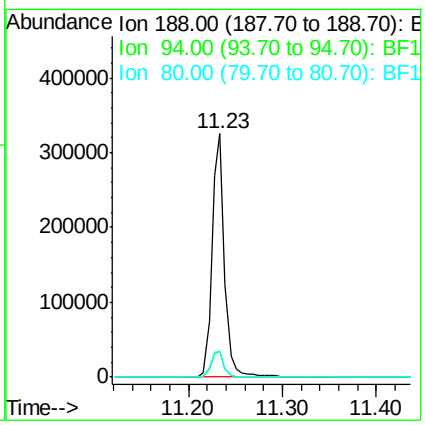


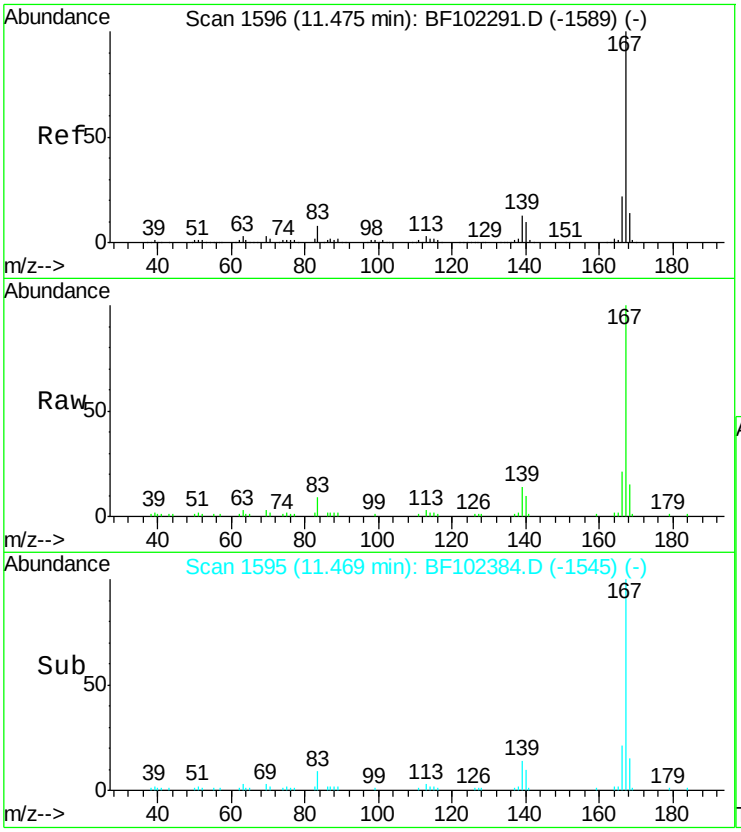


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Tgt Ion:188 Resp: 306321

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	10.5	9.2	13.8



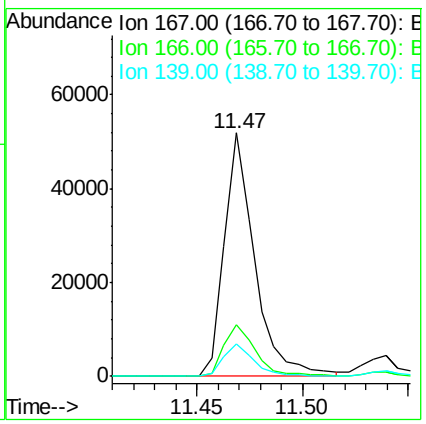


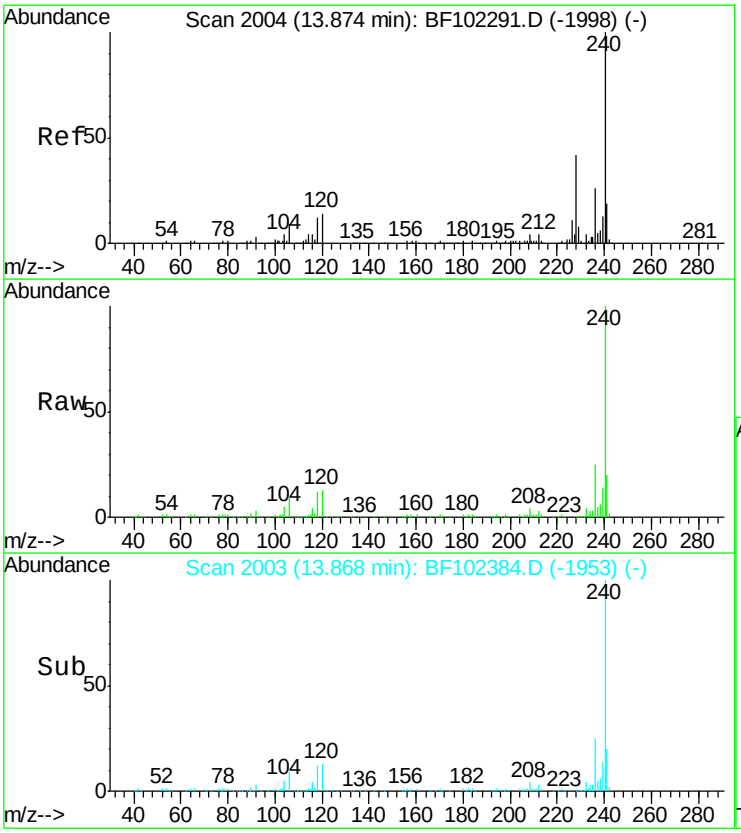
#72
Carbazole
Concen: 2.896 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Instrument :
BNA_F
ClientSampleId :
WC-42-01DL

Tgt Ion:167 Resp: 51475

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	13.5	10.9	16.3

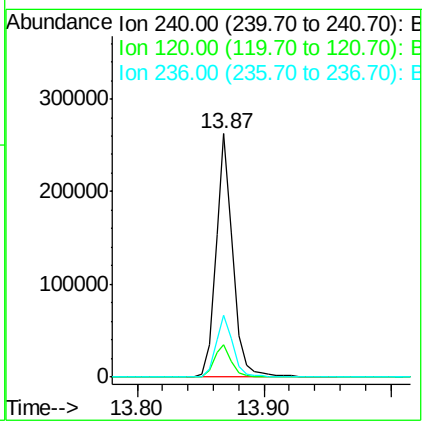


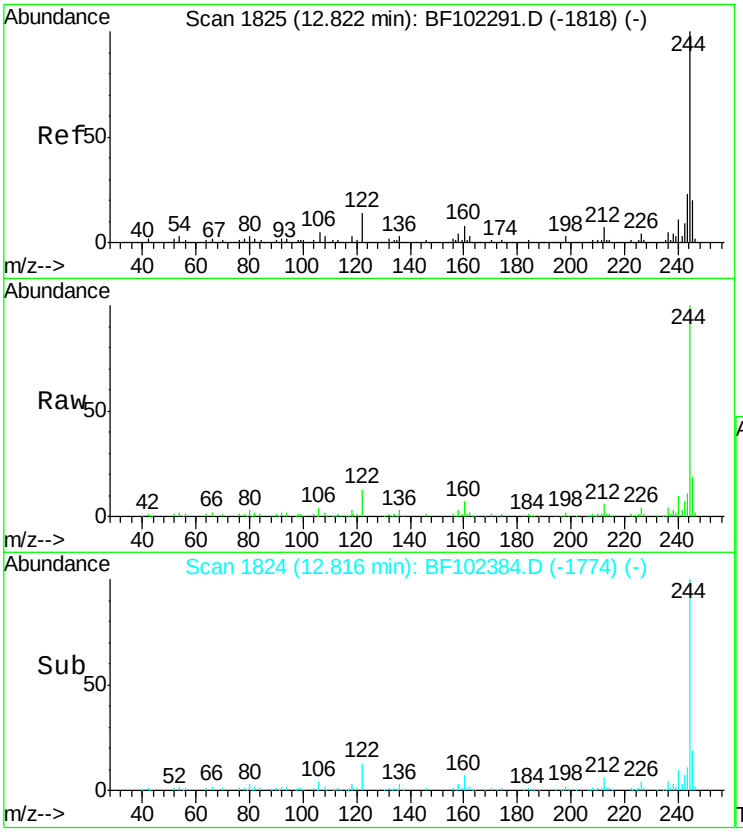


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Tgt Ion:240 Resp: 243244

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	25.4	20.7	31.1



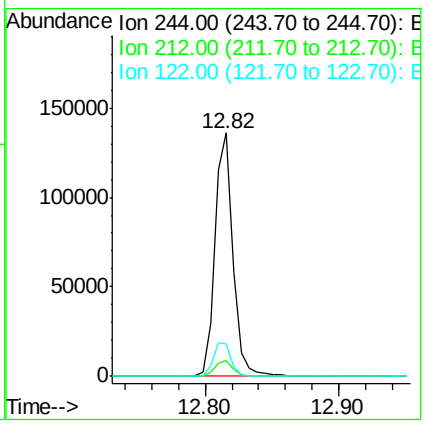


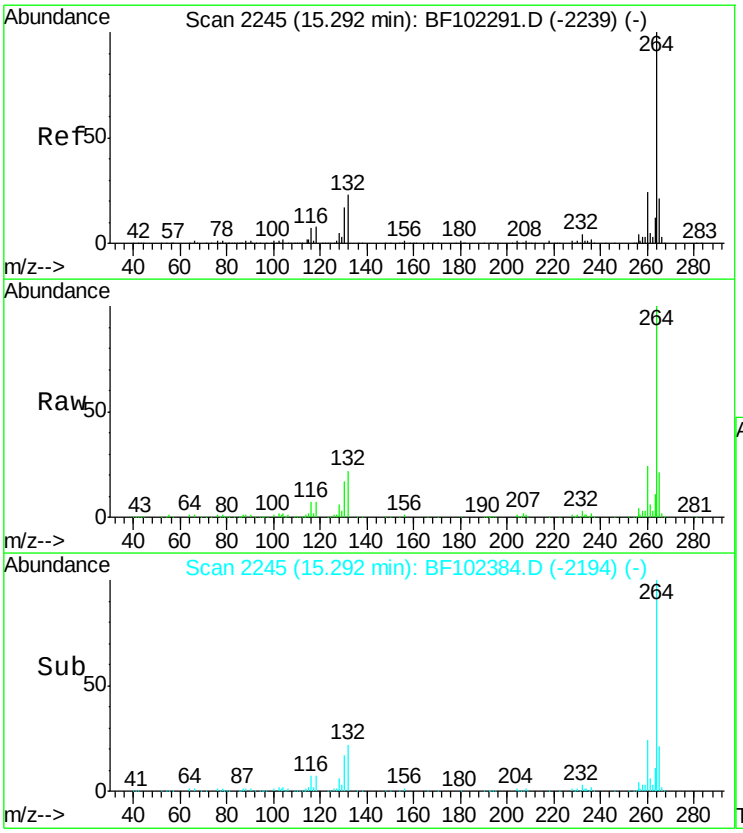
#78
Terphenyl-d14
Concen: 12.019 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Instrument :
BNA_F
ClientSampleId :
WC-42-01DL

Tgt Ion:244 Resp: 129681

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	13.3	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.00 min
Lab File: BF102384.D
Acq: 24 Jan 2018 11:32

Tgt Ion:264 Resp: 217385

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	20.6	17.5	26.3