Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102344.D
Acq On : 23 Jan 2018 14:33
Operator : SJ/JU
Sample : J1239-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-50-02

Quant Time: Jan 24 01:07:20 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	136839	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	569041	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	255479	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	457511	20.00	ng	0.00
75) Chrysene-d12	13.87	240	389467	20.00	ng	0.00
86) Perylene-d12	15.30	264	290279	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1025262	113.61	ng	0.02
7) Phenol-d6	6.36	99	1162519	106.85	ng	0.00
23) Nitrobenzene-d5	7.29	82	858445	86.69	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	316106	124.87	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1538532	88.55	ng	0.00
78) Terphenyl-d14	12.83	244	1504983	87.11	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.37	94	94234	7.933	ng	99
17) 2-Methylphenol	6.97	107	30784	3.747	ng	95
20) 3+4-Methylphenols	7.13	107	88655	9.175	ng	86
27) 2,4-Dimethylphenol	7.66	122	28167	3.637	ng	96
31) Naphthalene	8.03	128	2444842	86.052	ng	99
37) 2-Methylnaphthalene	8.71	142	101274	5.352	ng	98
48) Acenaphthylene	9.61	152	74943	2.709	ng	100
54) Dibenzofuran	9.95	168	51680	2.364	ng	100
57) Fluorene	10.30	166	55479	3.202	ng	98
70) Phenanthrene	11.26	178	93980	3.525	ng	98
72) Carbazole	11.47	167	204782	7.714	ng	97

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

Quantitation Report (QT Reviewed)

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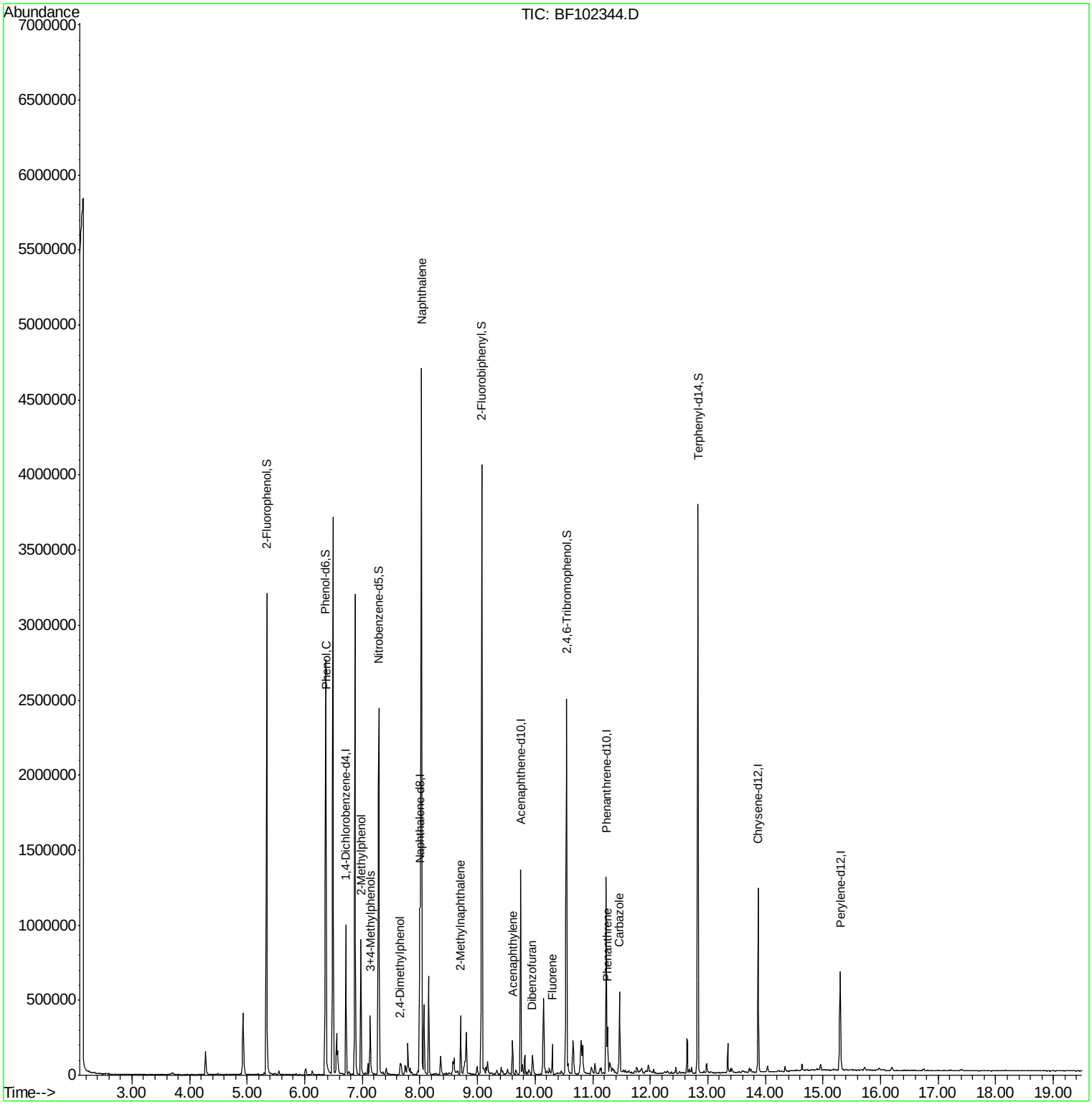
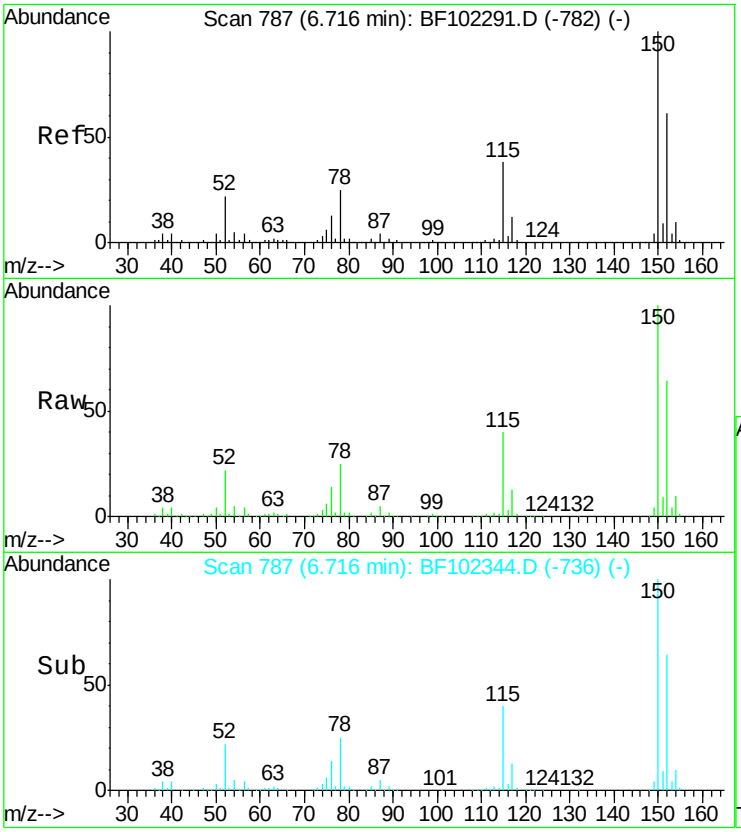


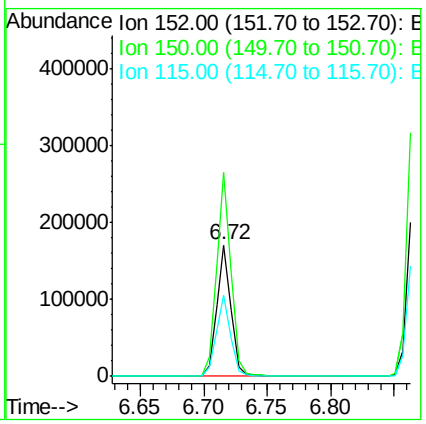


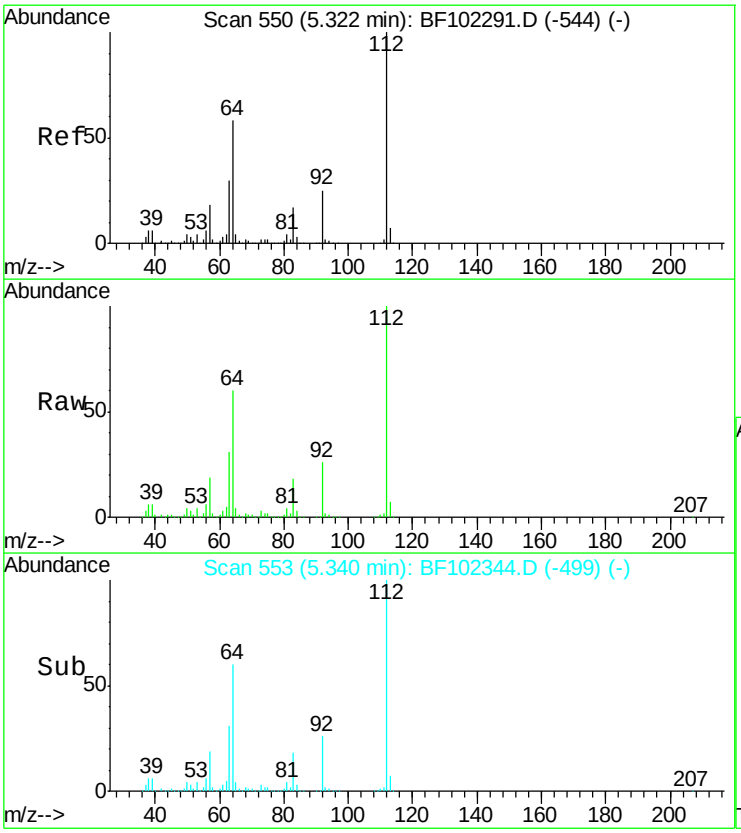
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Instrument :
BNA_F
ClientSampleId :
WC-50-02

Tgt Ion:152 Resp: 136839

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	186.8
115	61.8	50.1	75.1

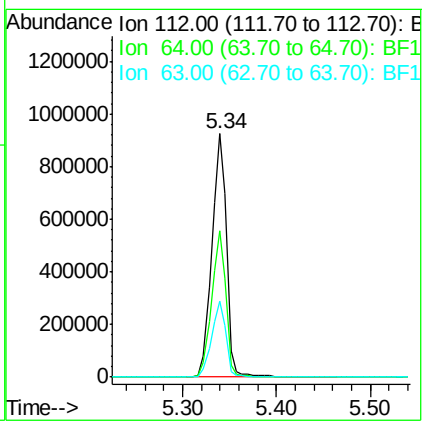


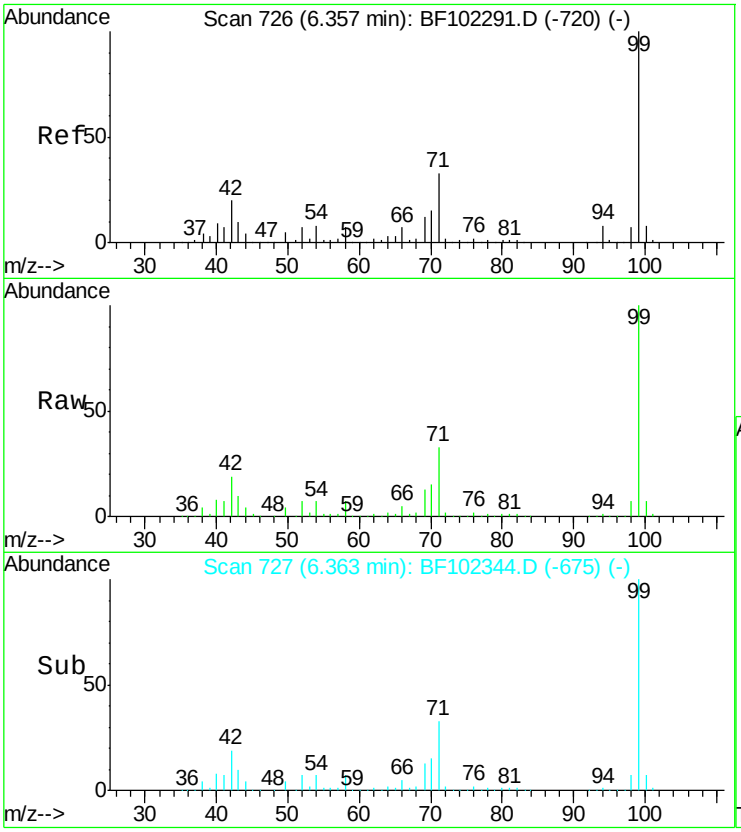


#5
2-Fluorophenol
Concen: 113.605 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Tgt Ion:112 Resp: 1025262

Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	31.1	23.7	35.5



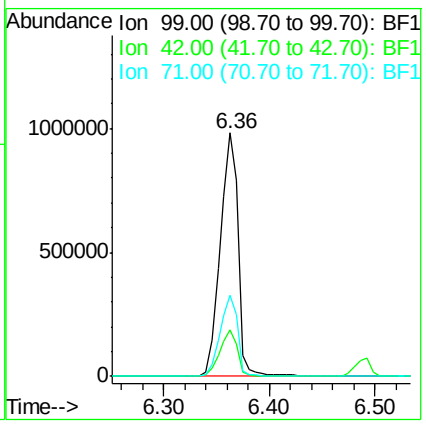


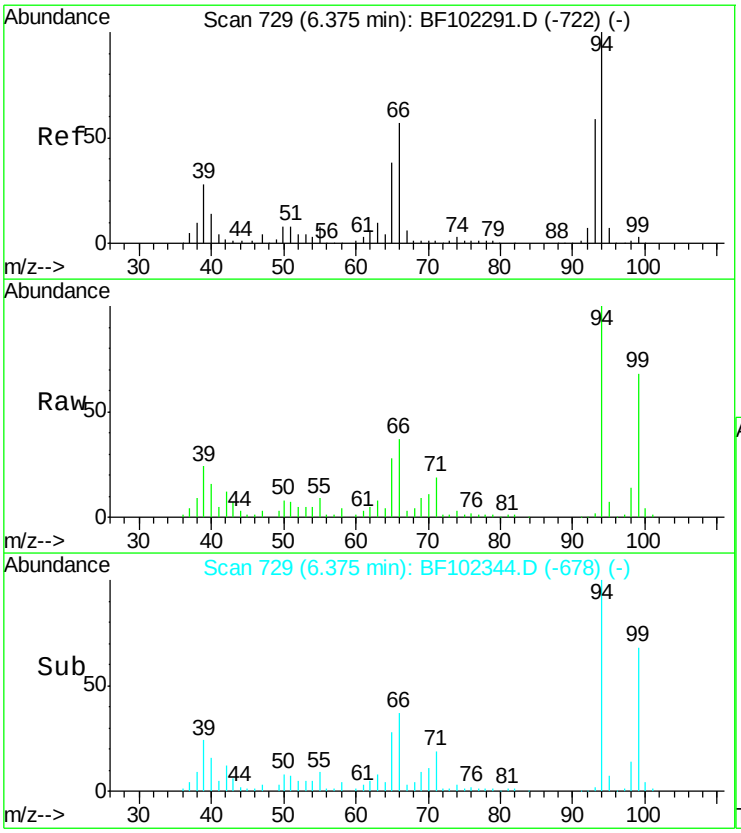
#7
Phenol-d6
Concen: 106.847 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Instrument :
BNA_F
ClientSampleId :
WC-50-02

Tgt Ion: 99 Resp: 1162519

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	33.1	25.4	38.0

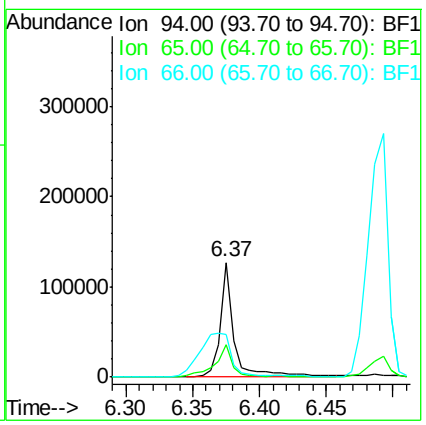


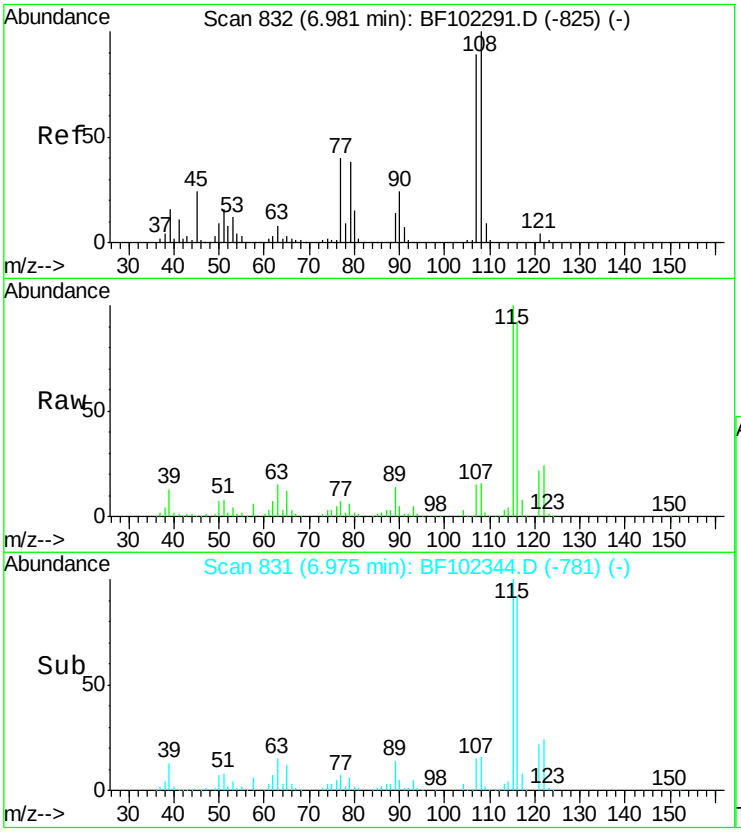


#10
Phenol
Concen: 7.933 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Tgt Ion: 94 Resp: 94234

Ion	Ratio	Lower	Upper
94	100		
65	28.3	7.9	47.9
66	37.0	16.2	56.2



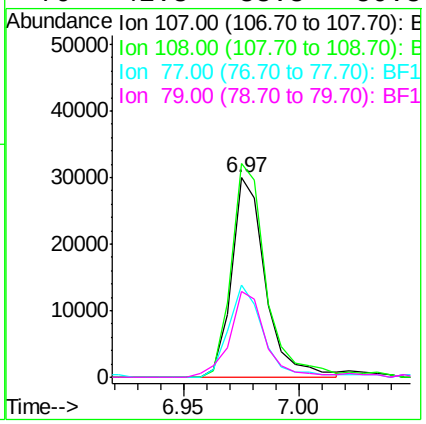


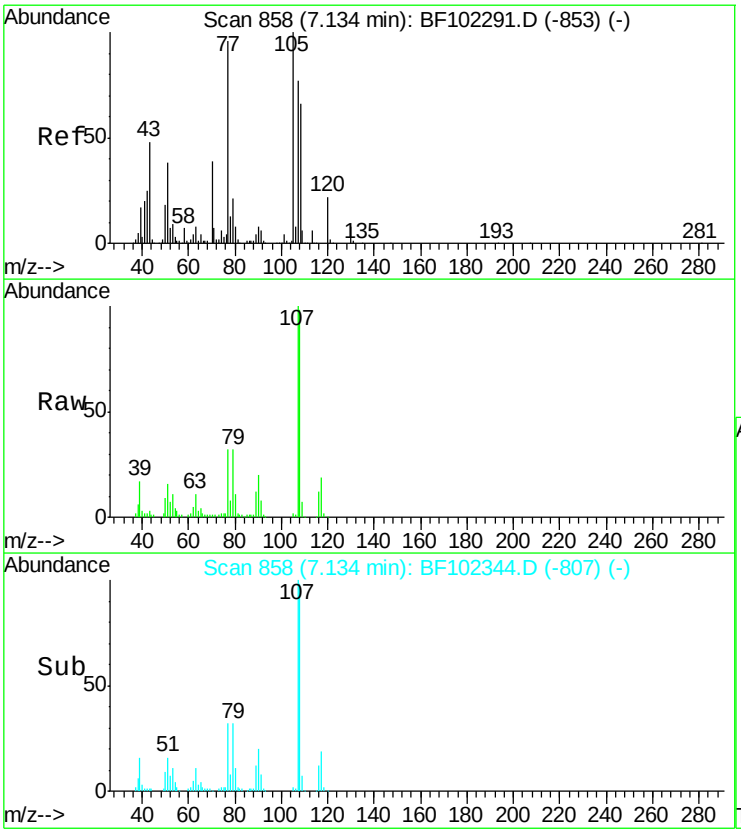
#17
2-Methylphenol
Concen: 3.747 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Instrument :
BNA_F
ClientSampleId :
WC-50-02

Tgt Ion:107 Resp: 30784

Ion	Ratio	Lower	Upper
107	100		
108	107.2	91.7	137.5
77	46.4	33.8	50.8
79	42.8	33.8	50.8

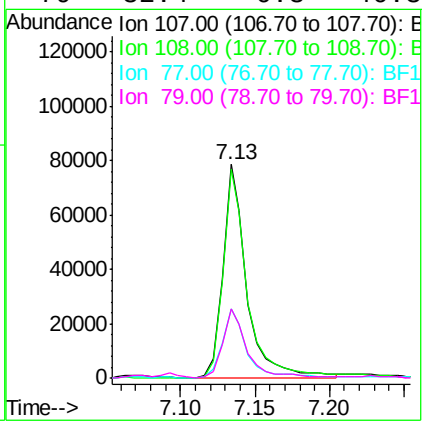


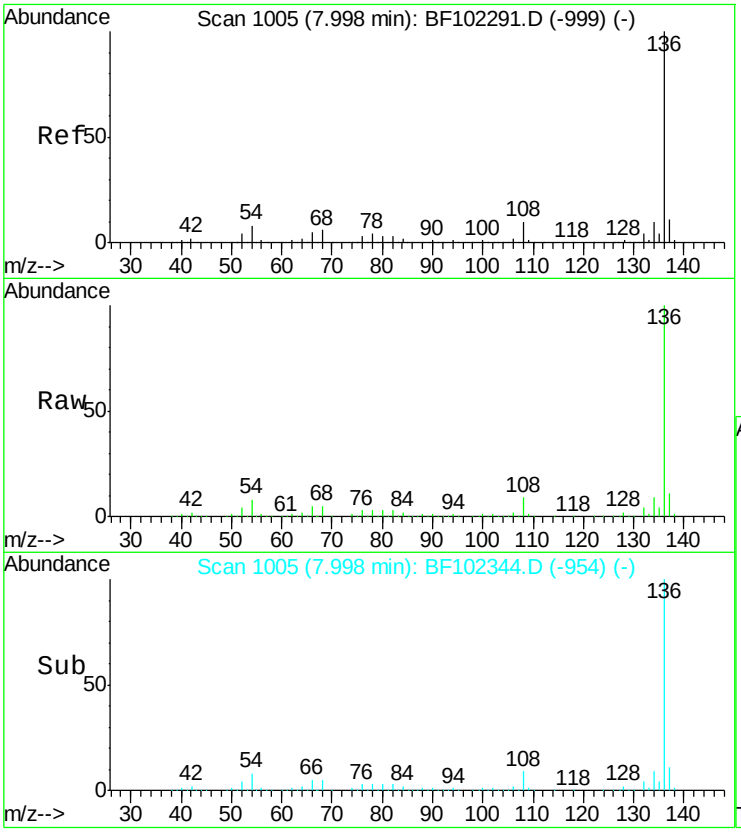


#20
3+4-Methylphenols
Concen: 9.175 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Tgt Ion:107 Resp: 88655

Ion	Ratio	Lower	Upper
107	100		
108	97.6	68.2	108.2
77	32.1	26.7	66.7
79	32.4	6.3	46.3



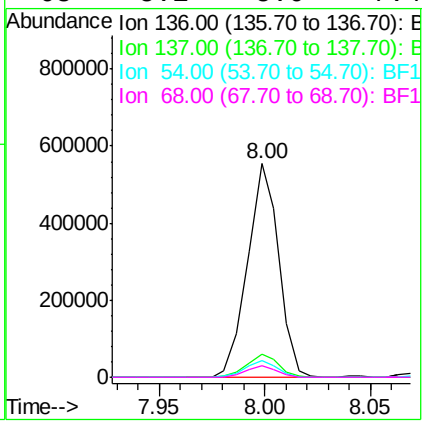


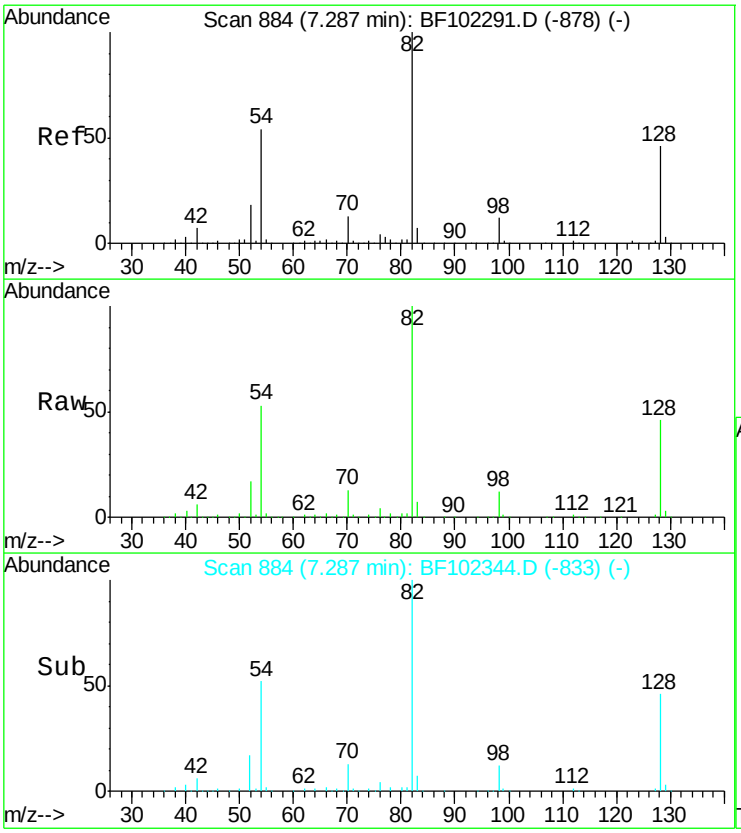
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Instrument :
BNA_F
ClientSampleId :
WC-50-02

Tgt Ion:136 Resp: 569041

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.0	6.6	9.8
68	5.1	5.0	7.4

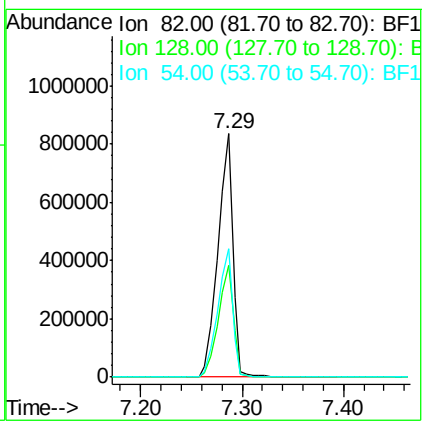


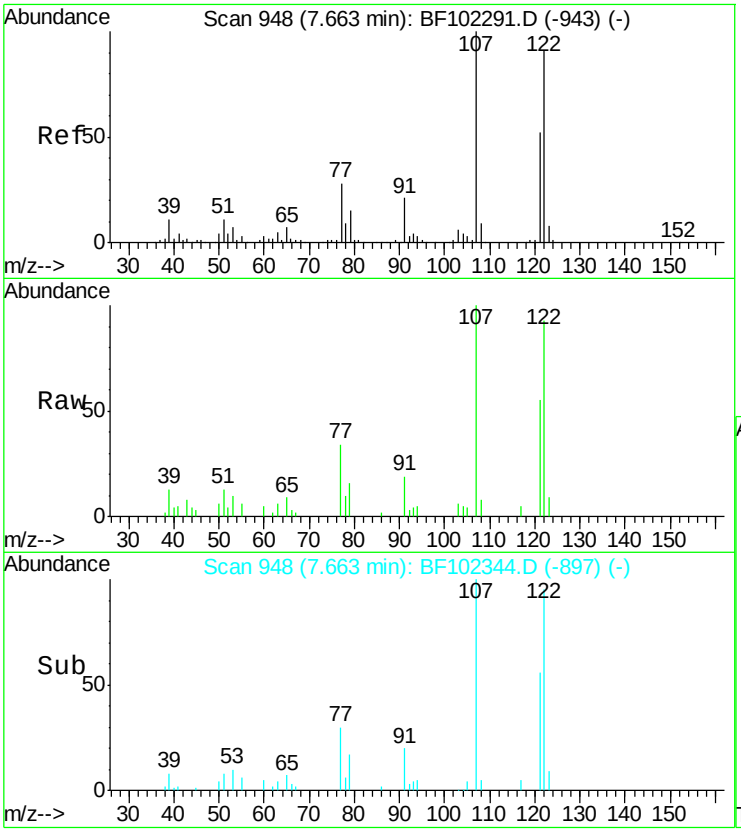


#23
Nitrobenzene-d5
Concen: 86.694 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Tgt Ion: 82 Resp: 858445

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	52.5	41.4	62.2



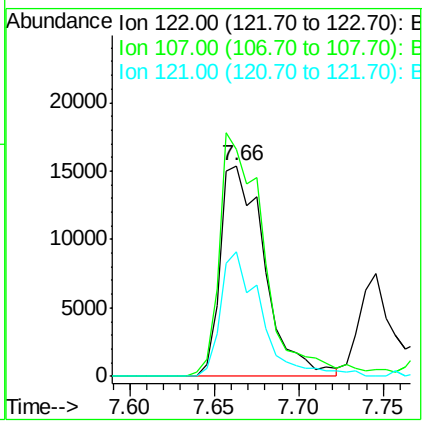


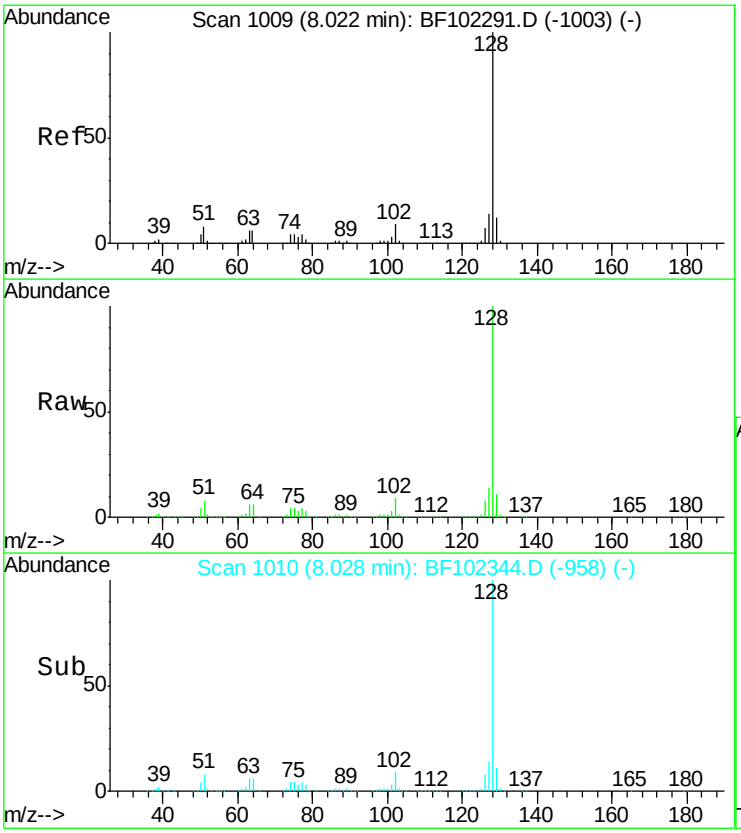
#27
2,4-Dimethylphenol
Concen: 3.637 ng
RT: 7.66 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Instrument :
BNA_F
ClientSampleId :
WC-50-02

Tgt Ion:122 Resp: 28167

Ion	Ratio	Lower	Upper
122	100		
107	107.4	91.2	136.8
121	58.9	47.2	70.8

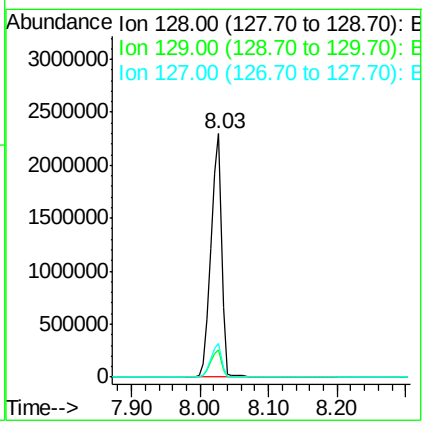


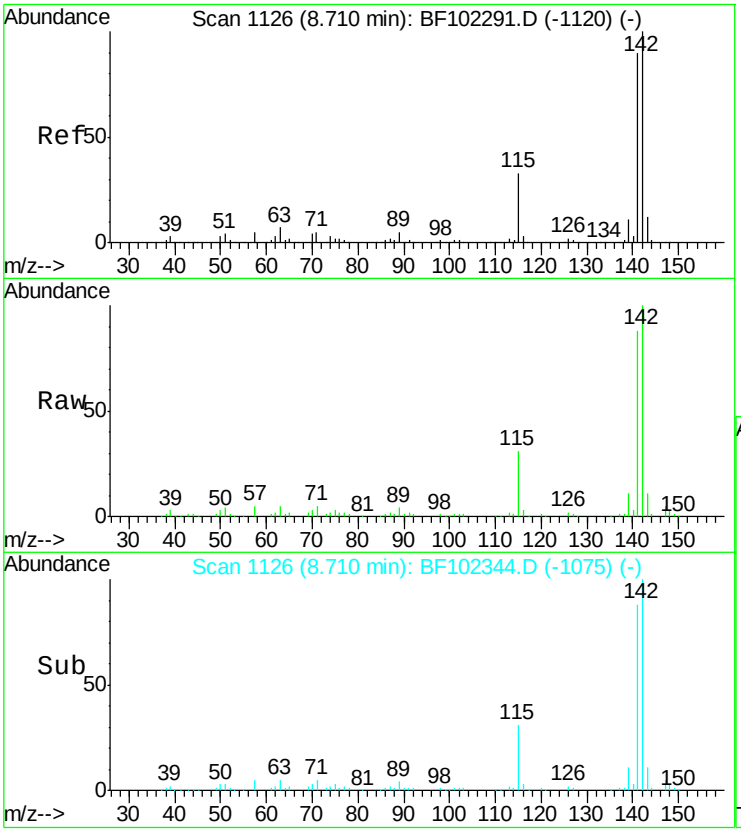


#31
Naphthalene
Concen: 86.052 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Tgt Ion:128 Resp: 2444842

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.9	10.9	16.3



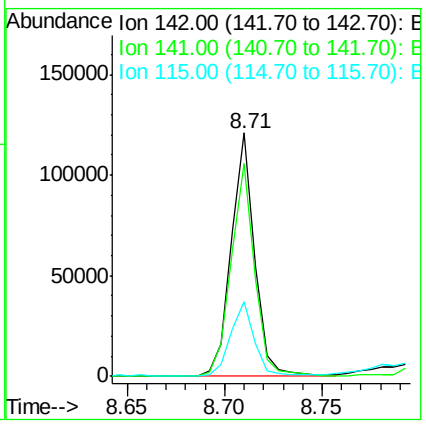


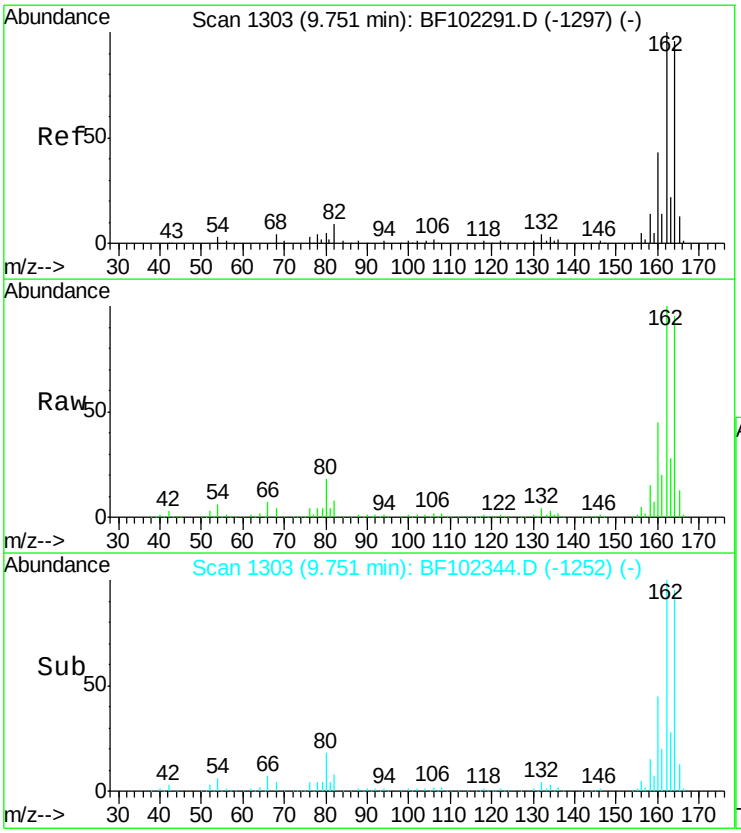
#37
2-Methylnaphthalene
Concen: 5.352 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Instrument :
BNA_F
ClientSampleId :
WC-50-02

Tgt Ion:142 Resp: 101274

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.8	106.2
115	30.8	26.1	39.1

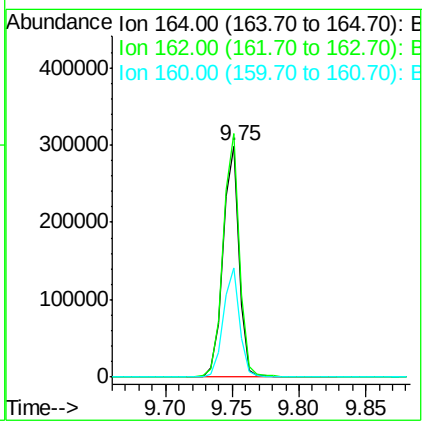


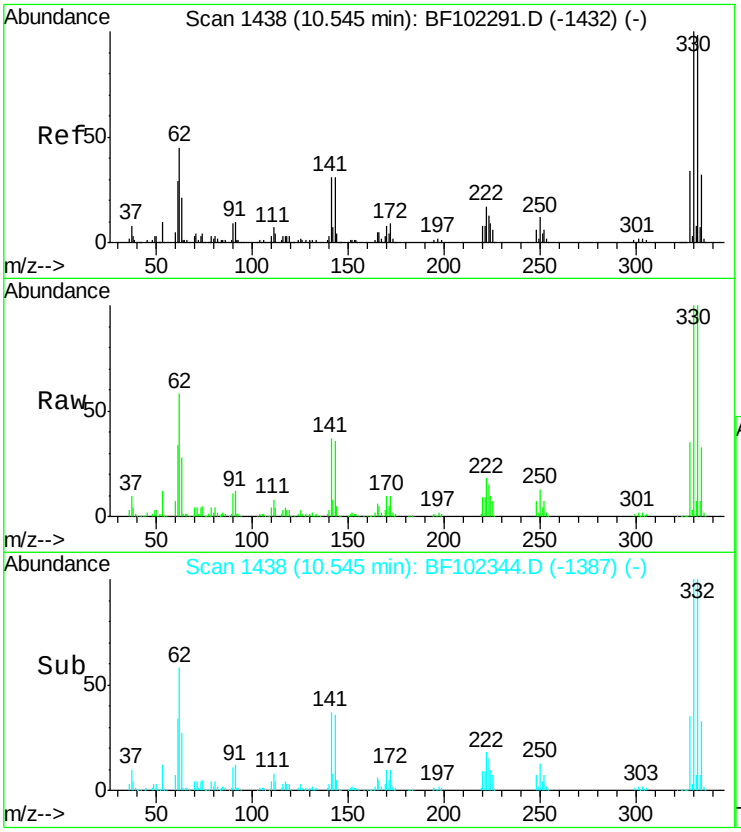


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Tgt Ion:164 Resp: 255479

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	47.1	38.3	57.5



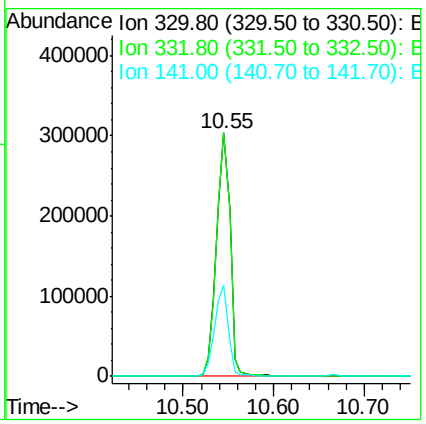


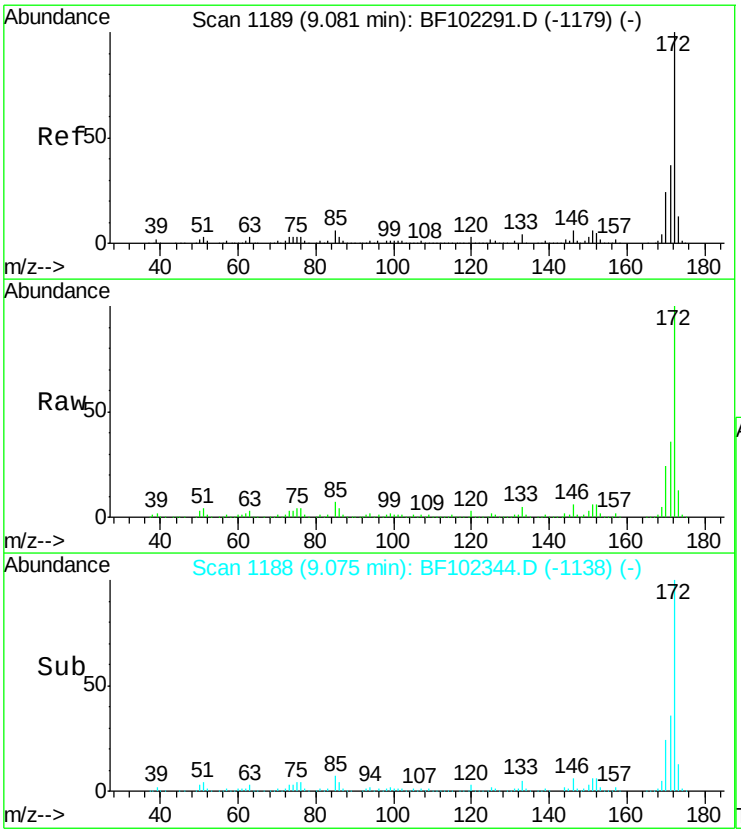
#41
2,4,6-Tribromophenol
Concen: 124.873 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Instrument :
BNA_F
ClientSampleId :
WC-50-02

Tgt Ion:330 Resp: 316106

Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.6
141	37.5	29.9	44.9

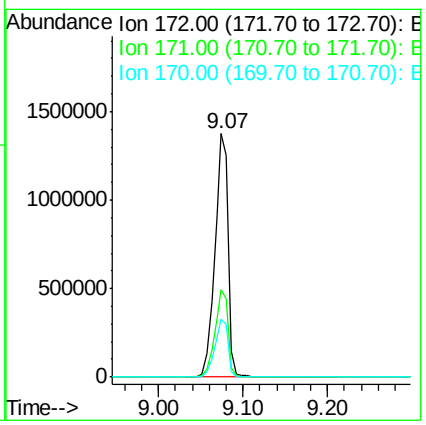


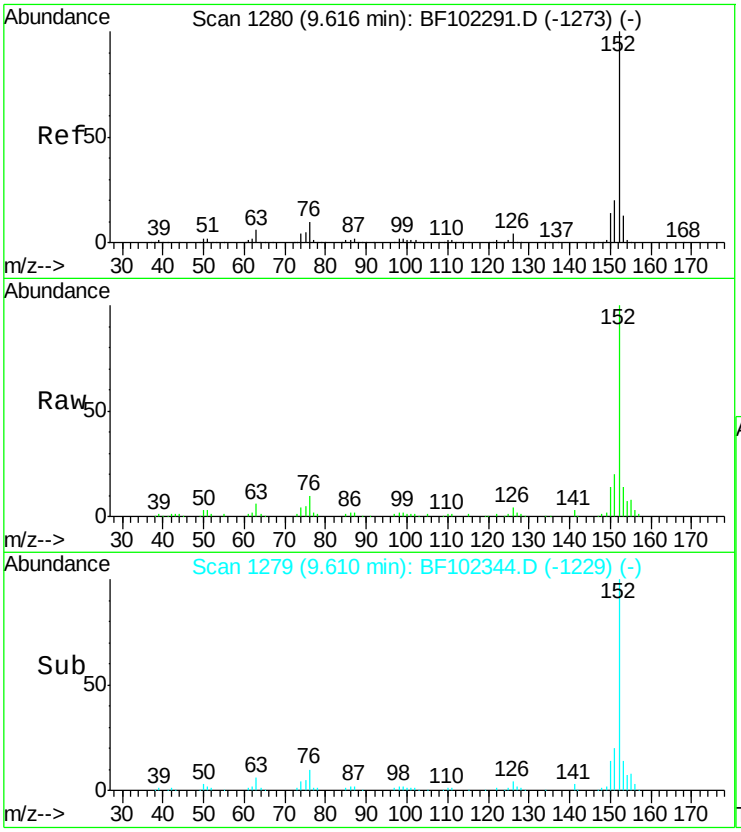


#44
2-Fluorobiphenyl
Concen: 88.547 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Tgt Ion:172 Resp: 1538532

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4



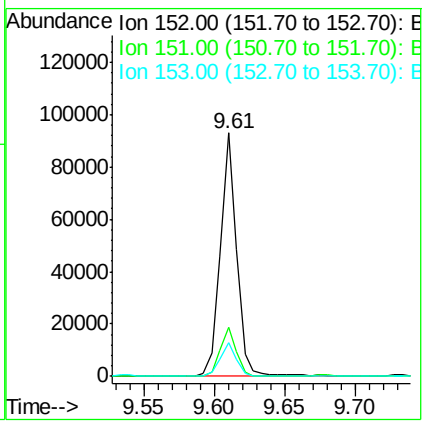


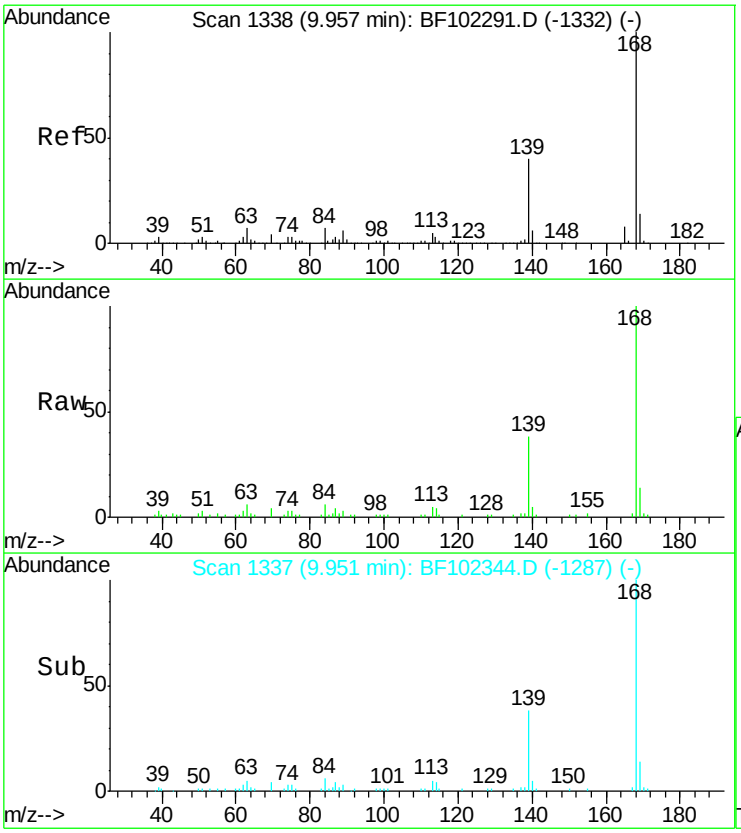
#48
Acenaphthylene
Concen: 2.709 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Instrument : BNA_F
ClientSampleId : WC-50-02

Tgt Ion:152 Resp: 74943

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.6	10.7	16.1

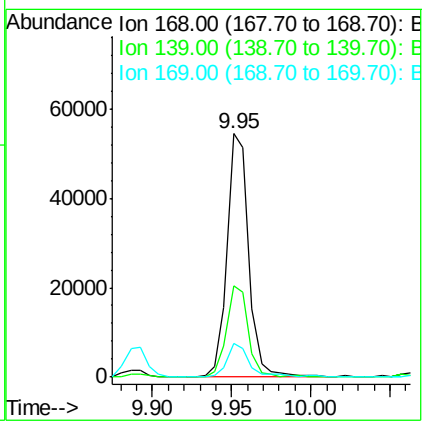


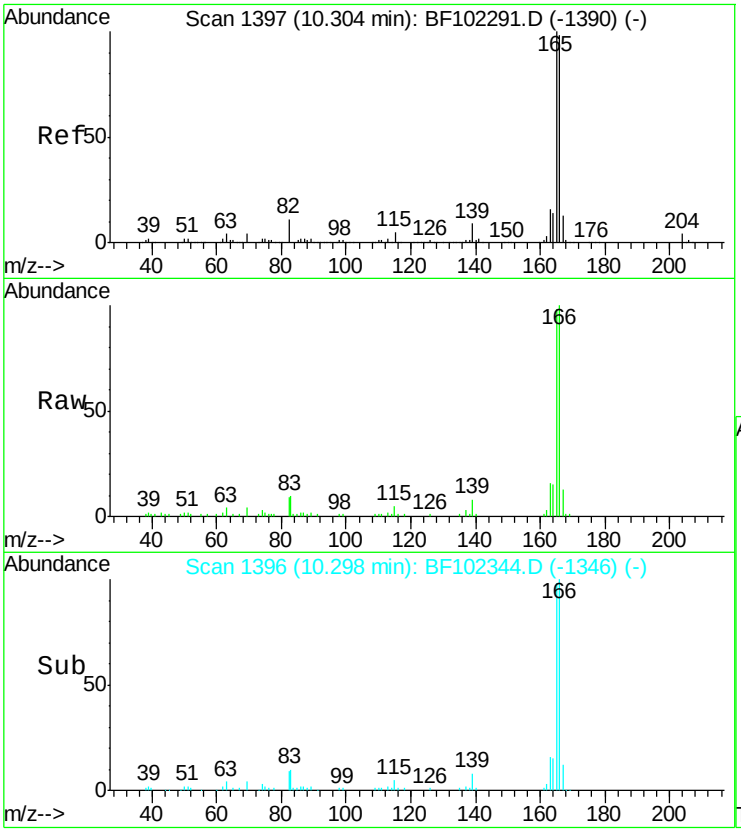


#54
Dibenzofuran
Concen: 2.364 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Tgt Ion:168 Resp: 51680

Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	13.7	10.9	16.3



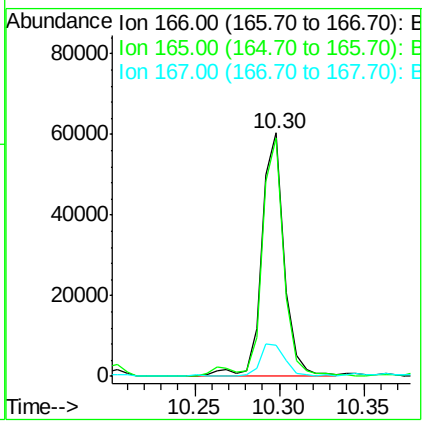


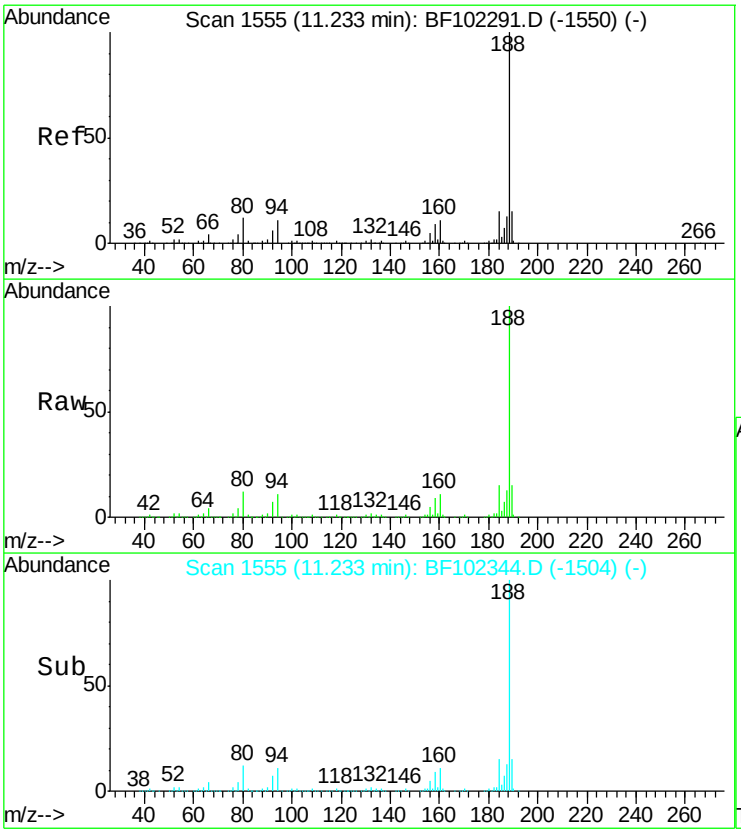
#57
Fluorene
Concen: 3.202 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Instrument :
BNA_F
ClientSampleId :
WC-50-02

Tgt Ion:166 Resp: 55479

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.8
167	13.0	10.6	16.0

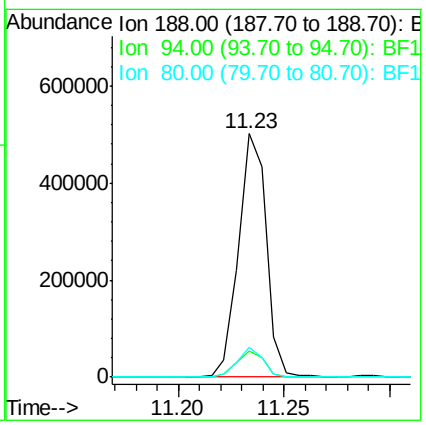


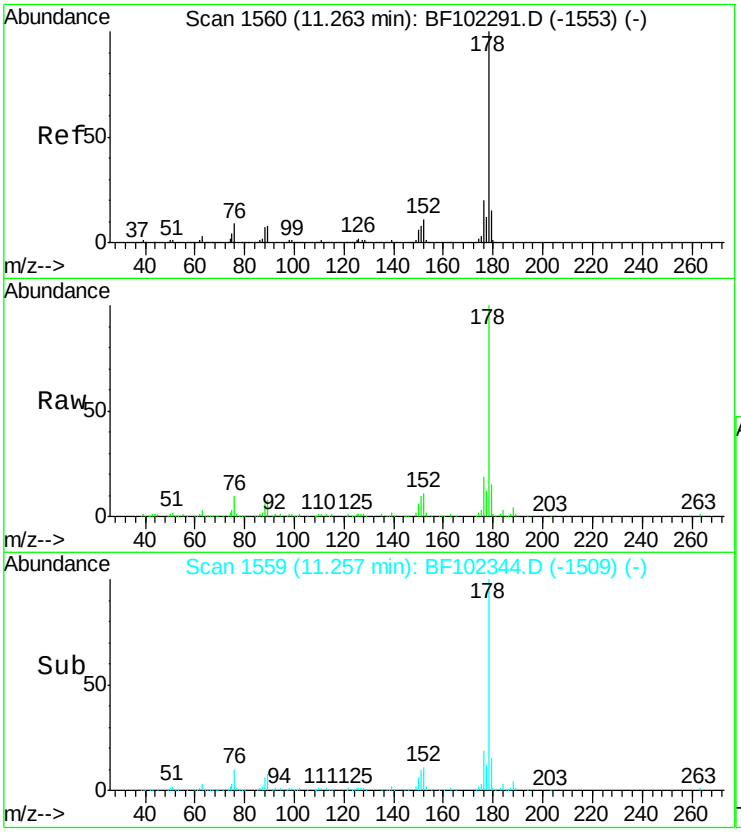


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Tgt Ion:188 Resp: 457511

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	12.5	9.2	13.8



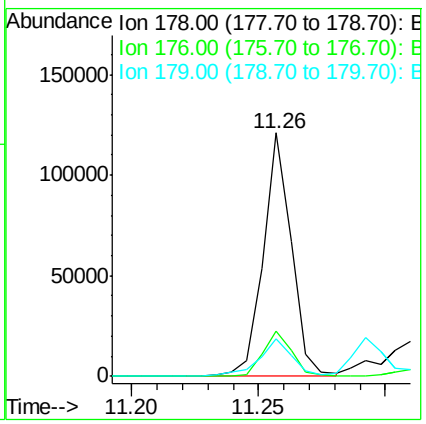


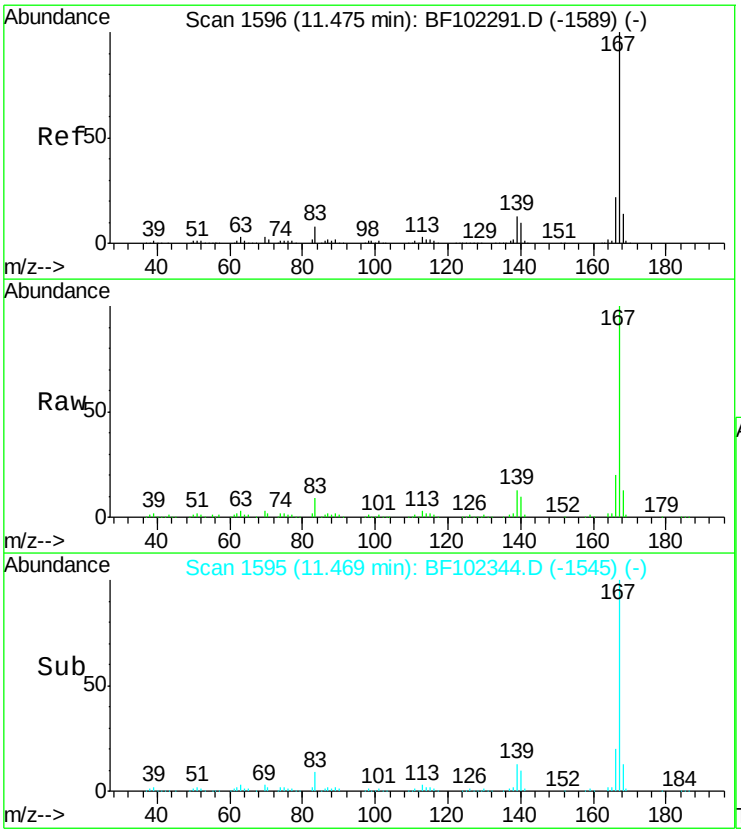
#70
Phenanthrene
Concen: 3.525 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Instrument :
BNA_F
ClientSampleId :
WC-50-02

Tgt Ion:178 Resp: 93980

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.3	13.0	19.6

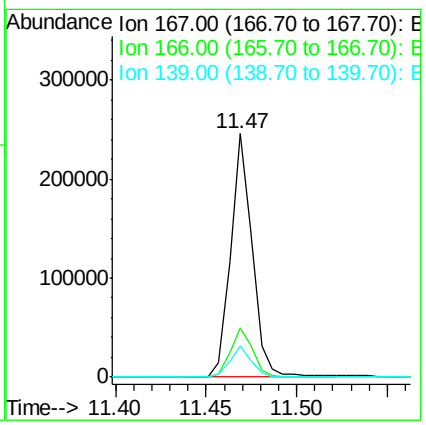


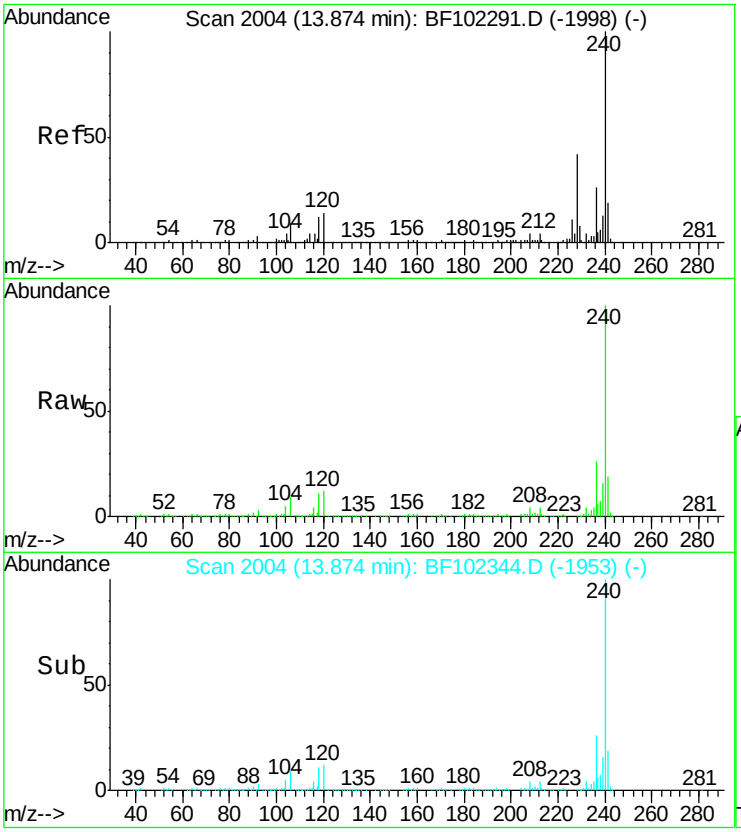


#72
Carbazole
Concen: 7.714 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Tgt Ion:167 Resp: 204782

Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.6	26.4
139	12.7	10.9	16.3



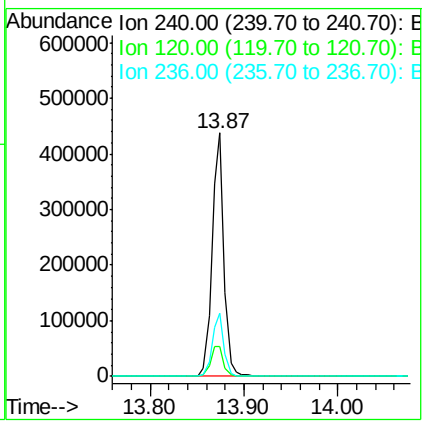


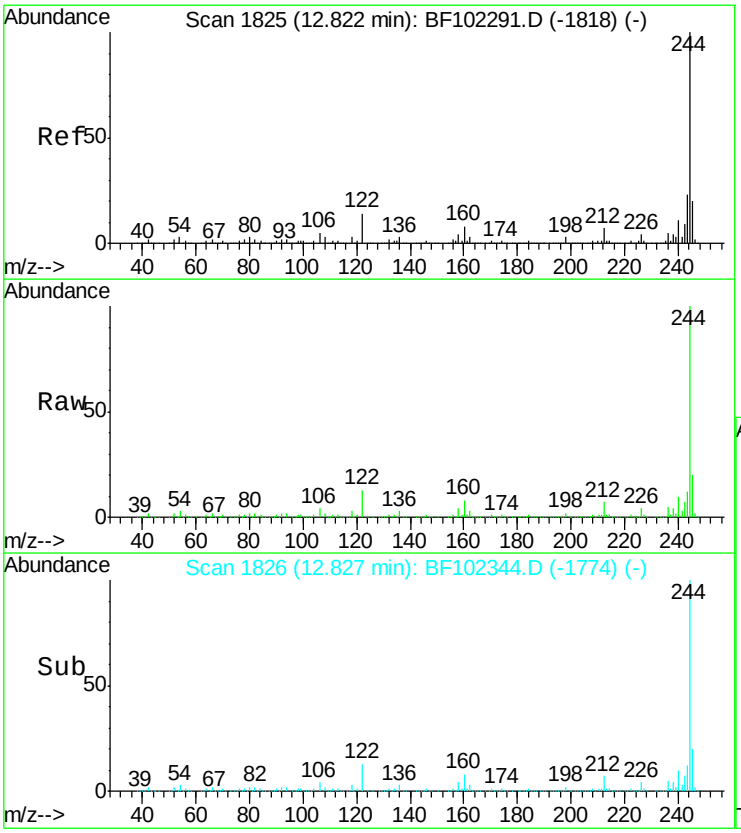
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Instrument :
BNA_F
ClientSampleId :
WC-50-02

Tgt Ion:240 Resp: 389467

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.8	20.7	31.1

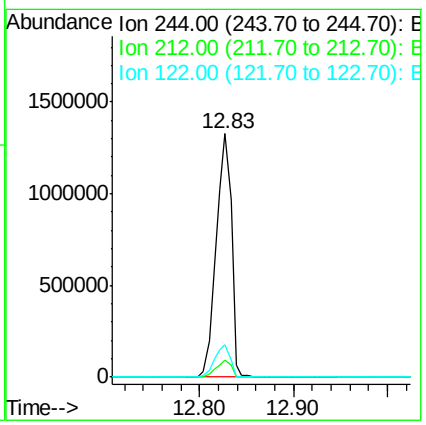


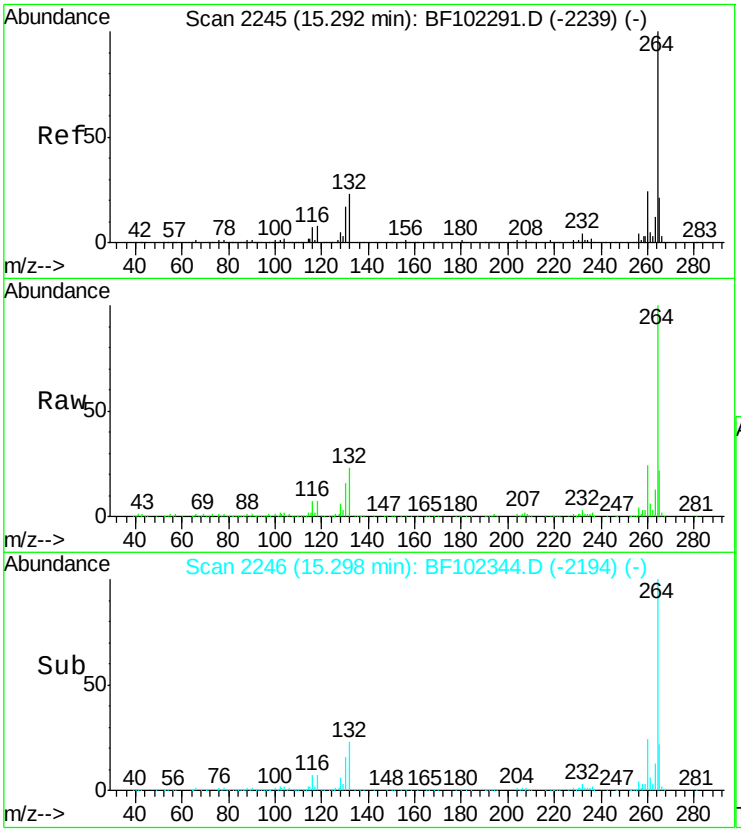


#78
Terphenyl-d14
Concen: 87.113 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF102344.D
Acq: 23 Jan 2018 14:33

Tgt Ion:244 Resp: 1504983

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.3	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: BF102344.D
Acq: 23 Jan 2018 14:33

Instrument :
BNA_F
ClientSampleId :
WC-50-02

Tgt Ion:264 Resp: 290279

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3