Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101719.D
Acq On : 26 Dec 2017 16:54
Operator : SJ/JU
Sample : I6846-03DL 20X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-34972326-01DL

Quant Time: Dec 26 17:51:16 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	135625	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	507644	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	207604	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	334090	20.00	ng	0.00
75) Chrysene-d12	13.97	240	263950	20.00	ng	0.00
86) Perylene-d12	15.43	264	262682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	69603	7.64	ng	0.05
7) Phenol-d6	6.43	99	87337	7.71	ng	0.00
23) Nitrobenzene-d5	7.36	82	63220	6.93	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	14818	7.41	ng	0.01
44) 2-Fluorobiphenyl	9.14	172	132719	9.92	ng	0.00
78) Terphenyl-d14	12.89	244	95551	8.73	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.44	94	758556	58.734	ng	99
17) 2-Methylphenol	7.05	107	181940	20.651	ng	100
20) 3+4-Methylphenols	7.20	107	558374	59.809	ng	89
27) 2,4-Dimethylphenol	7.74	122	103422	14.040	ng	96
31) Naphthalene	8.09	128	1186256	46.417	ng	100
37) 2-Methylnaphthalene	8.79	142	55734	3.347	ng	98
72) Carbazole	11.56	167	44779	2.520	ng	98

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

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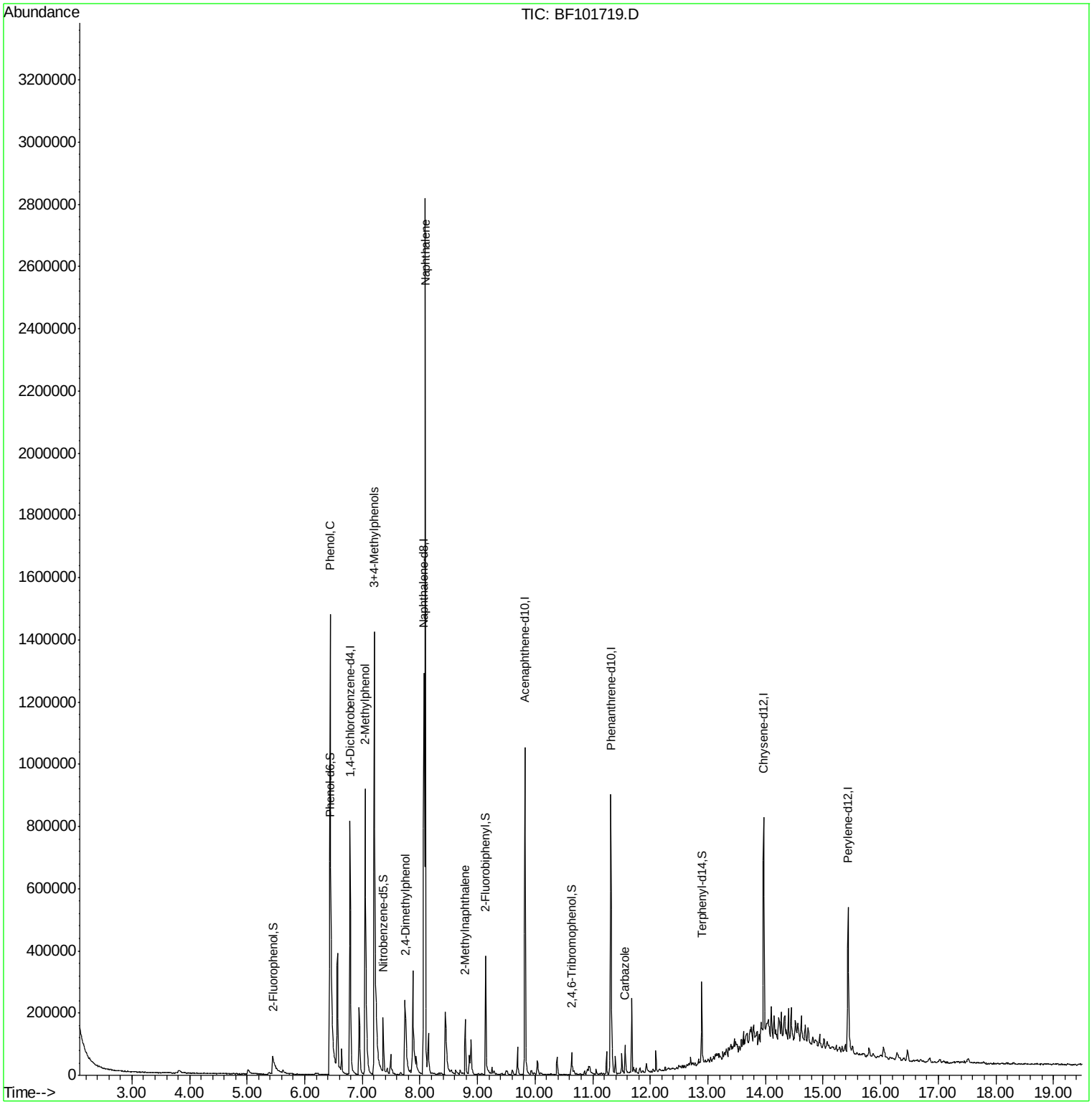
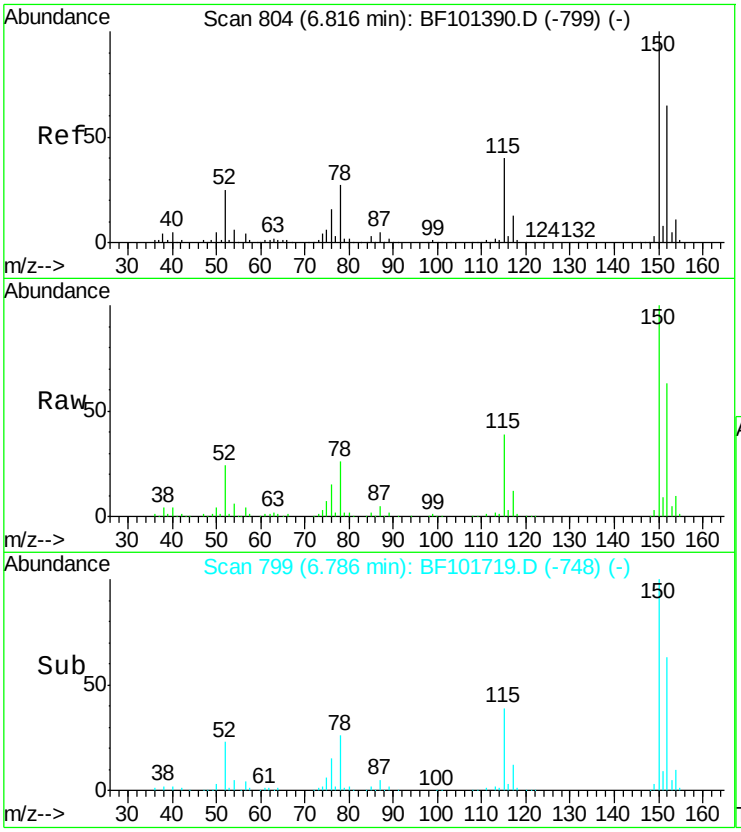


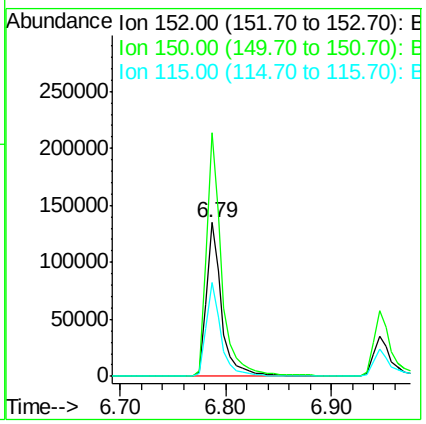


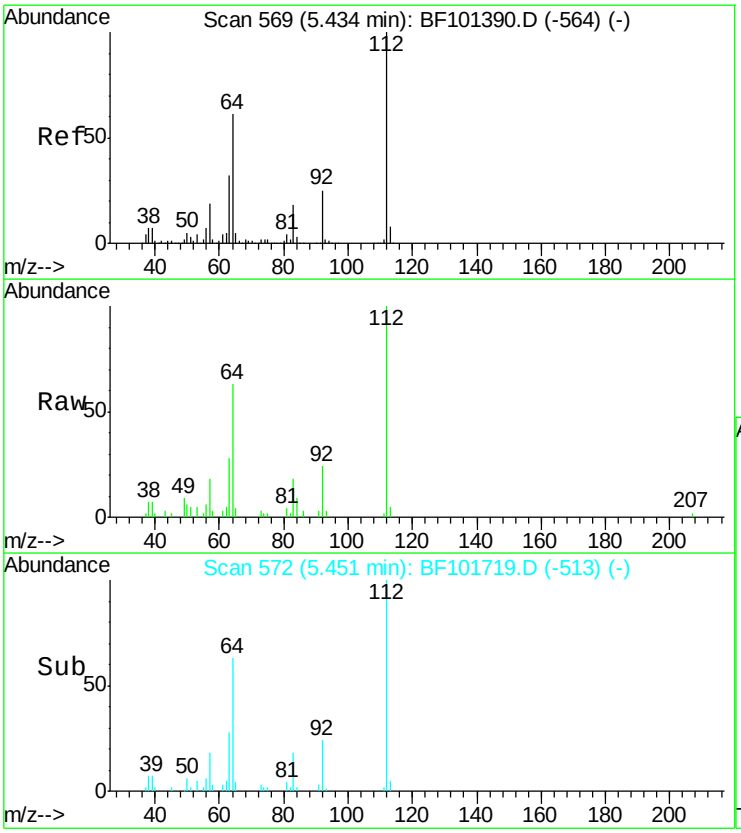
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF101719.D
Acq: 26 Dec 2017 16:54

Instrument :
BNA_F
ClientSampleId :
WC-34972326-01DL

Tgt Ion:152 Resp: 135625

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	61.2	50.1	75.1

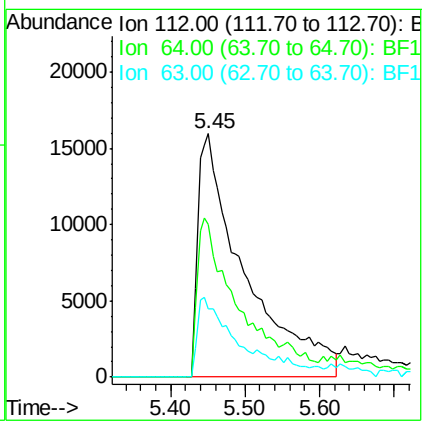


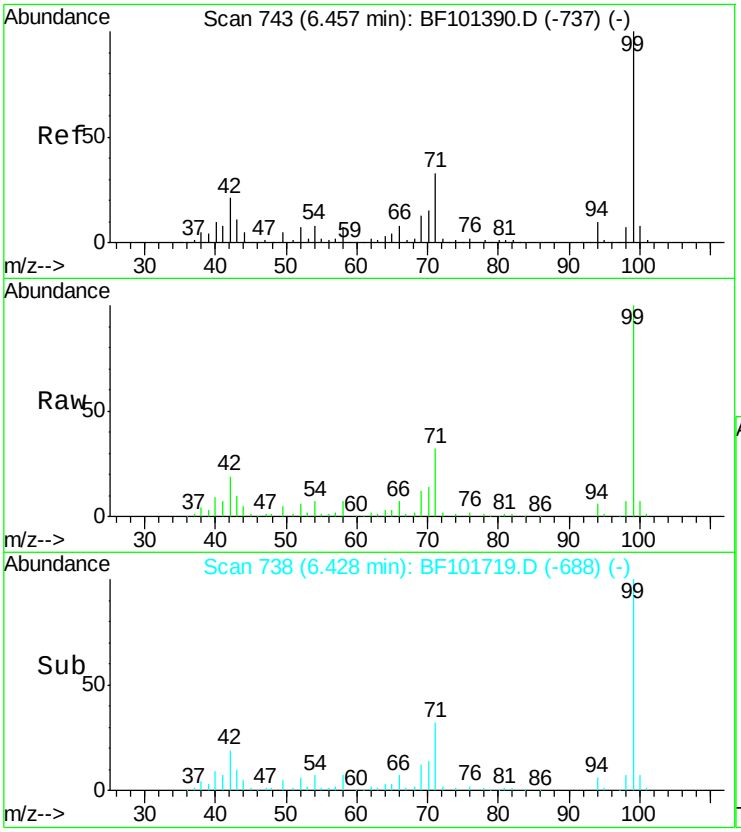


#5
2-Fluorophenol
Concen: 7.645 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.05 min
Lab File: BF101719.D
Acq: 26 Dec 2017 16:54

Tgt Ion:112 Resp: 69603

Ion	Ratio	Lower	Upper
112	100		
64	62.7	47.9	71.9
63	28.3	23.7	35.5



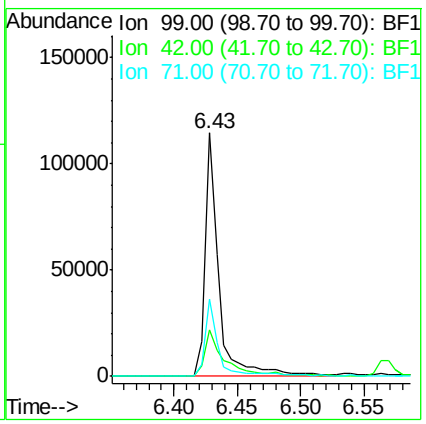


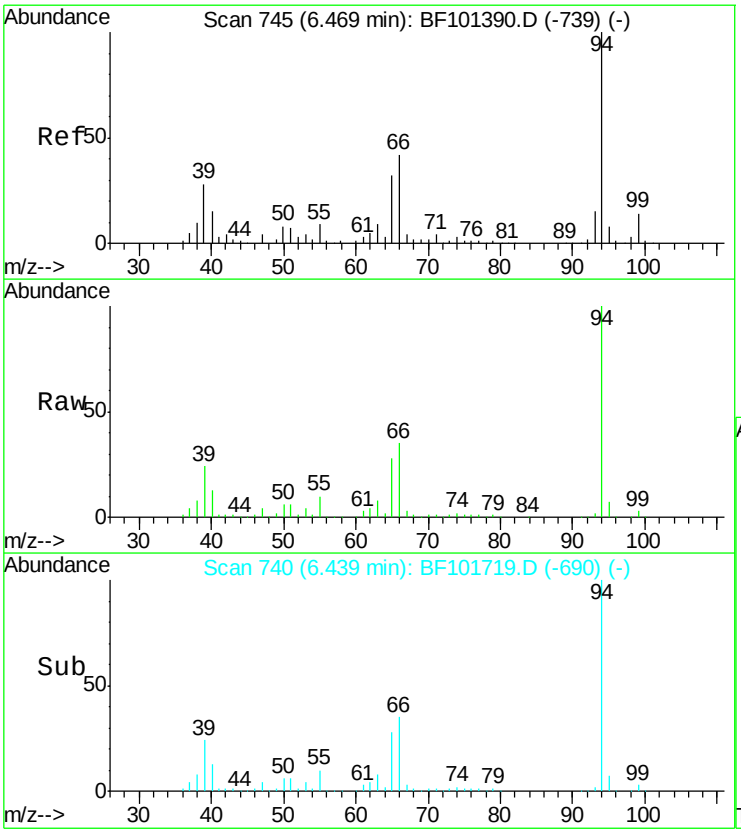
#7
Phenol-d6
Concen: 7.708 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF101719.D
Acq: 26 Dec 2017 16:54

Instrument :
BNA_F
ClientSampleId :
WC-34972326-01DL

Tgt Ion: 99 Resp: 87337

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	31.8	25.4	38.0

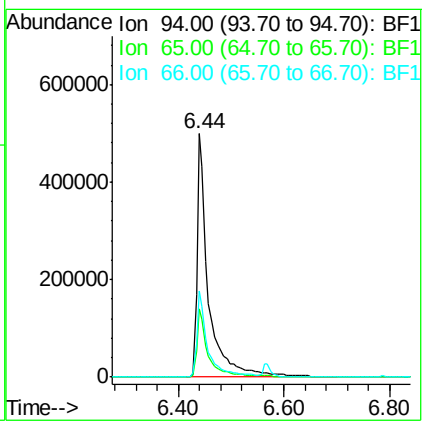


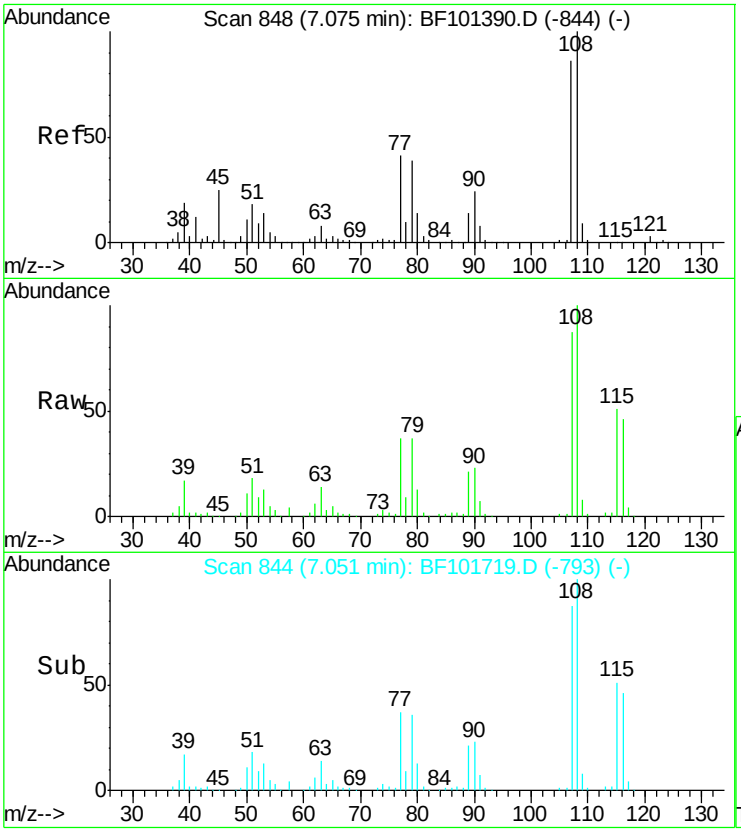


#10
Phenol
Concen: 58.734 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF101719.D
Acq: 26 Dec 2017 16:54

Tgt Ion: 94 Resp: 758556

Ion	Ratio	Lower	Upper
94	100		
65	28.3	7.9	47.9
66	35.5	16.2	56.2



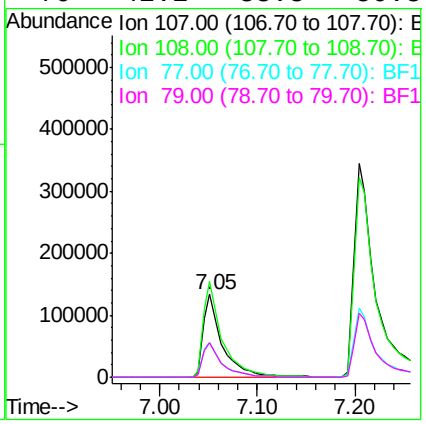


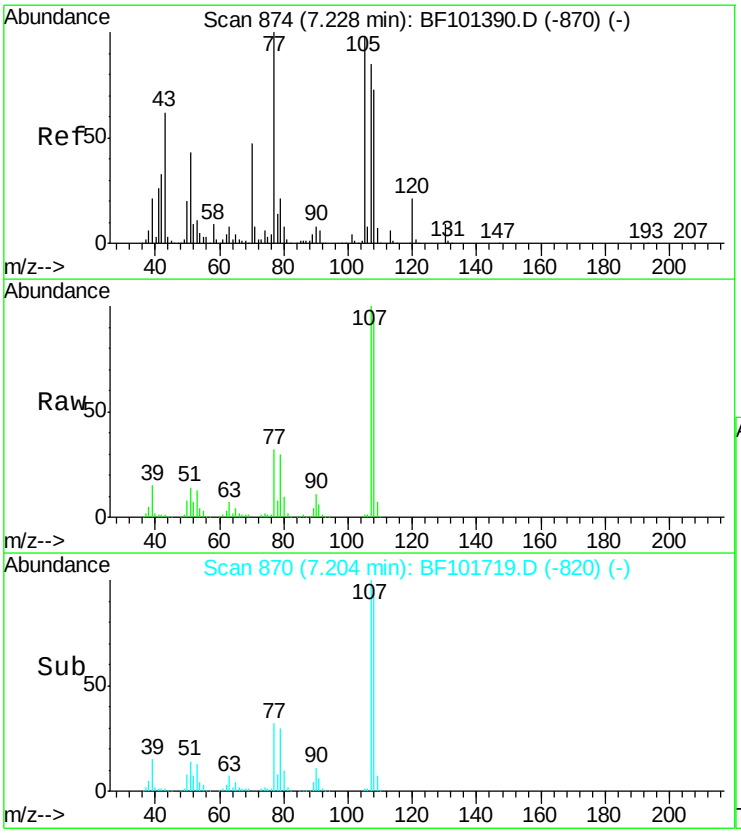
#17
2-Methylphenol
Concen: 20.651 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF101719.D
Acq: 26 Dec 2017 16:54

Instrument :
BNA_F
ClientSampleId :
WC-34972326-01DL

Tgt Ion:107 Resp: 181940

Ion	Ratio	Lower	Upper
107	100		
108	115.4	91.7	137.5
77	42.3	33.8	50.8
79	42.2	33.8	50.8

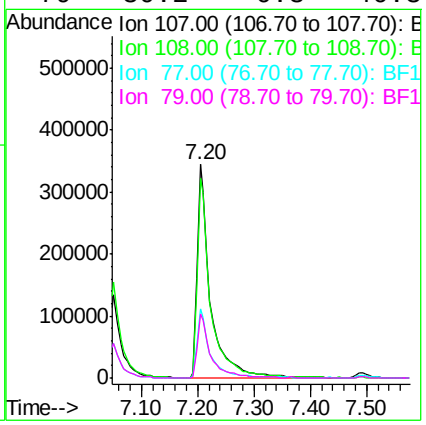


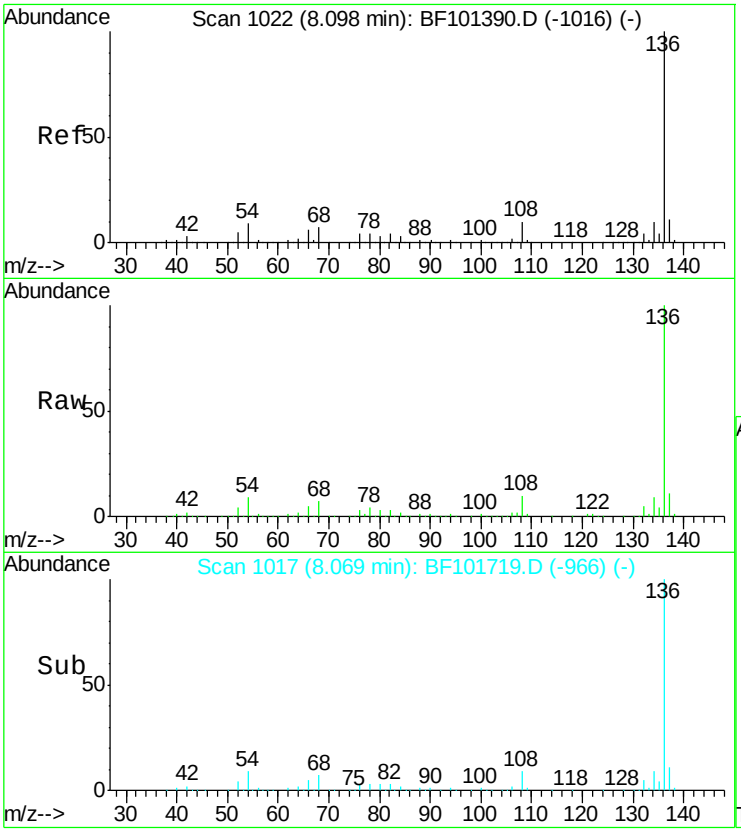


#20
3+4-Methylphenols
Concen: 59.809 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF101719.D
Acq: 26 Dec 2017 16:54

Tgt Ion:107 Resp: 558374

Ion	Ratio	Lower	Upper
107	100		
108	93.6	68.2	108.2
77	32.3	26.7	66.7
79	30.2	6.3	46.3



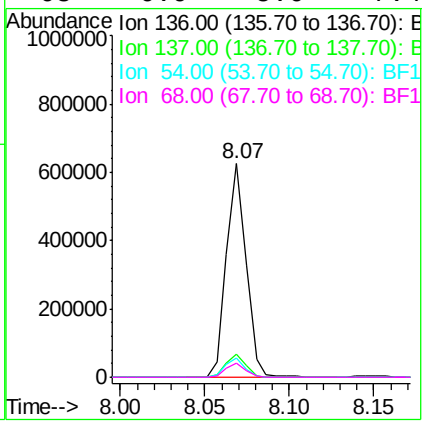


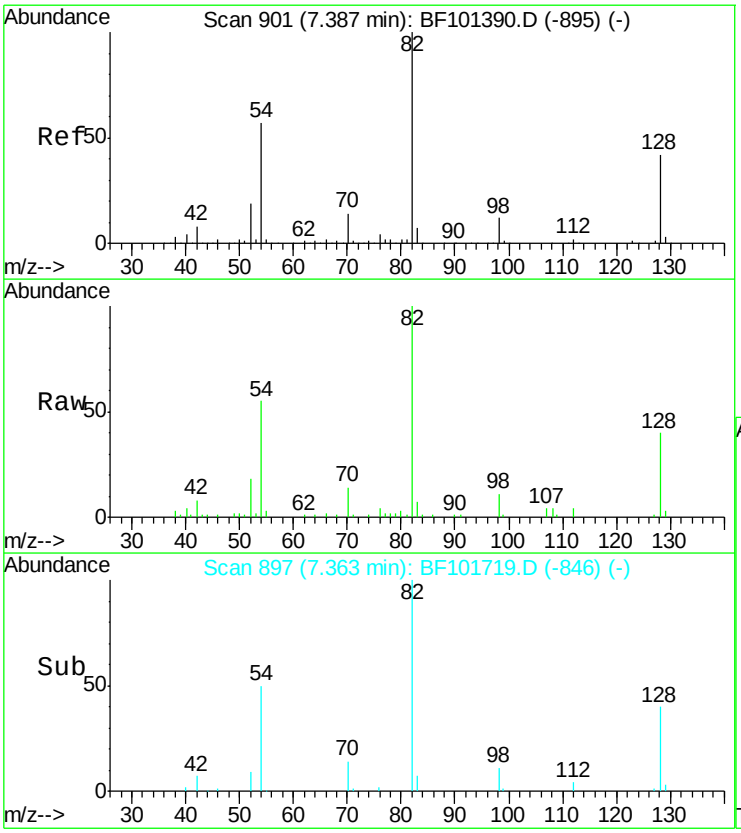
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101719.D
Acq: 26 Dec 2017 16:54

Instrument :
BNA_F
ClientSampleId :
WC-34972326-01DL

Tgt Ion:136 Resp: 507644

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.0	6.6	9.8
68	6.9	5.0	7.4

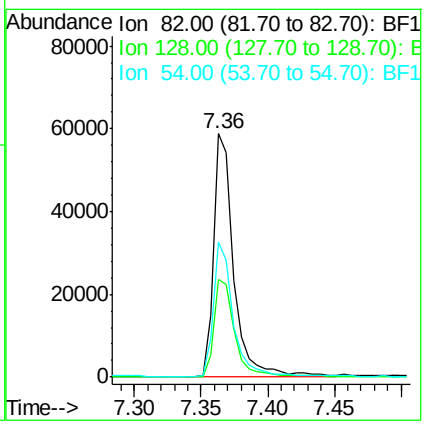


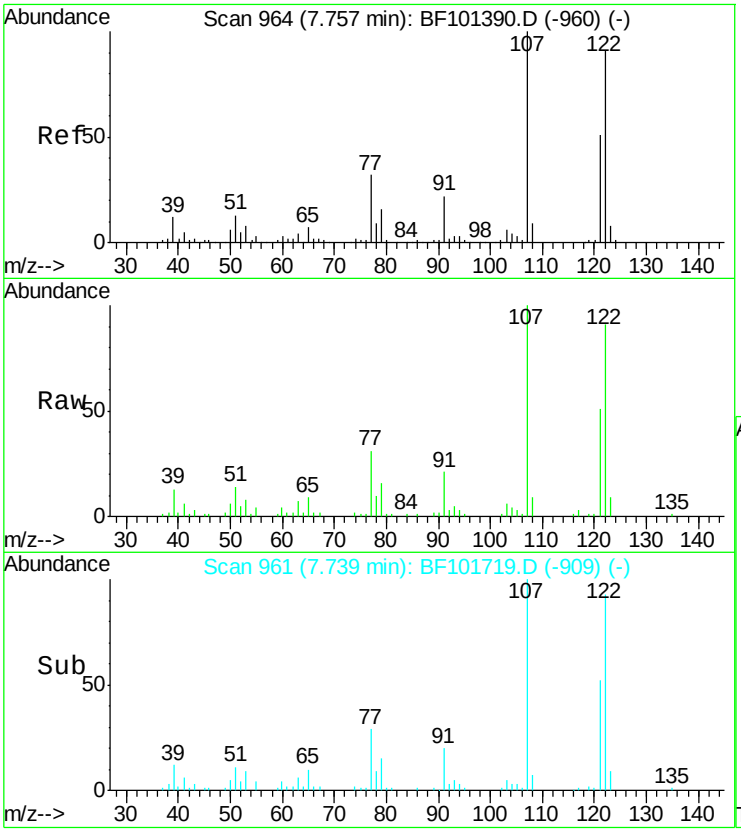


#23
Nitrobenzene-d5
Concen: 6.932 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101719.D
Acq: 26 Dec 2017 16:54

Tgt Ion: 82 Resp: 63220

Ion	Ratio	Lower	Upper
82	100		
128	40.2	36.1	54.1
54	55.2	41.4	62.2



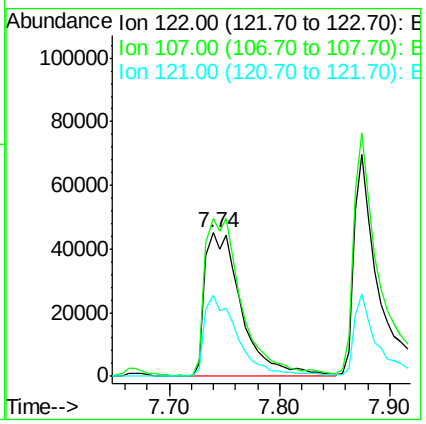


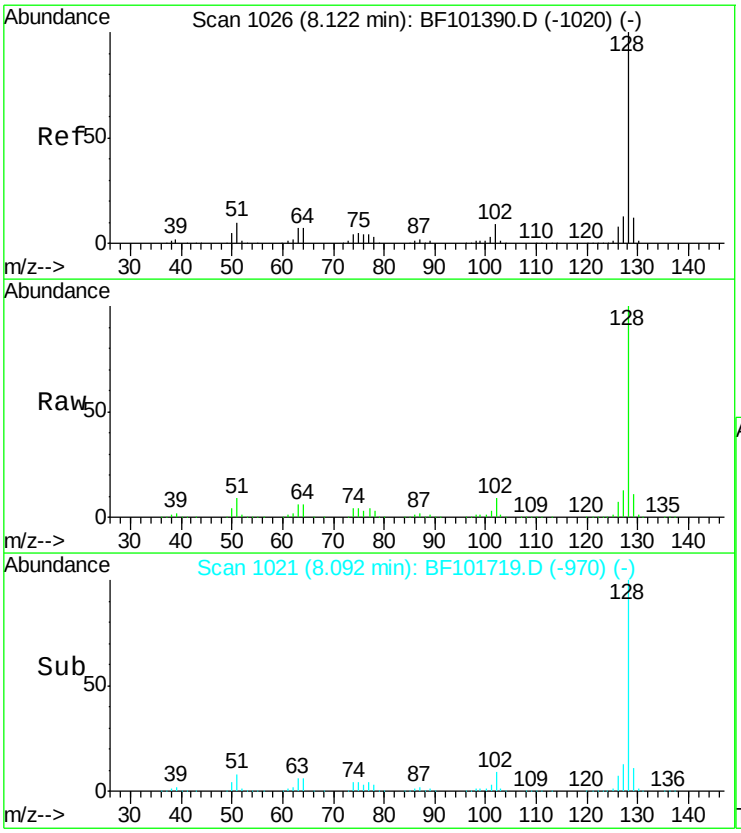
#27
2,4-Dimethylphenol
Concen: 14.040 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF101719.D
Acq: 26 Dec 2017 16:54

Instrument :
BNA_F
ClientSampleId :
WC-34972326-01DL

Tgt Ion:122 Resp: 103422

Ion	Ratio	Lower	Upper
122	100		
107	109.7	91.2	136.8
121	56.3	47.2	70.8

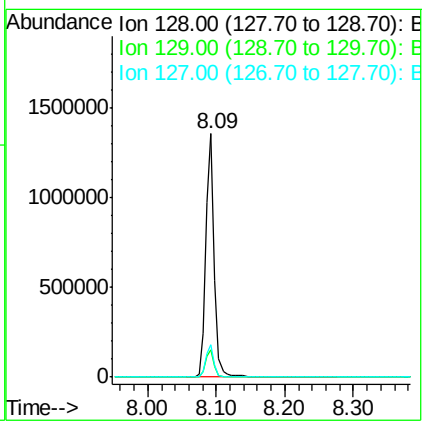


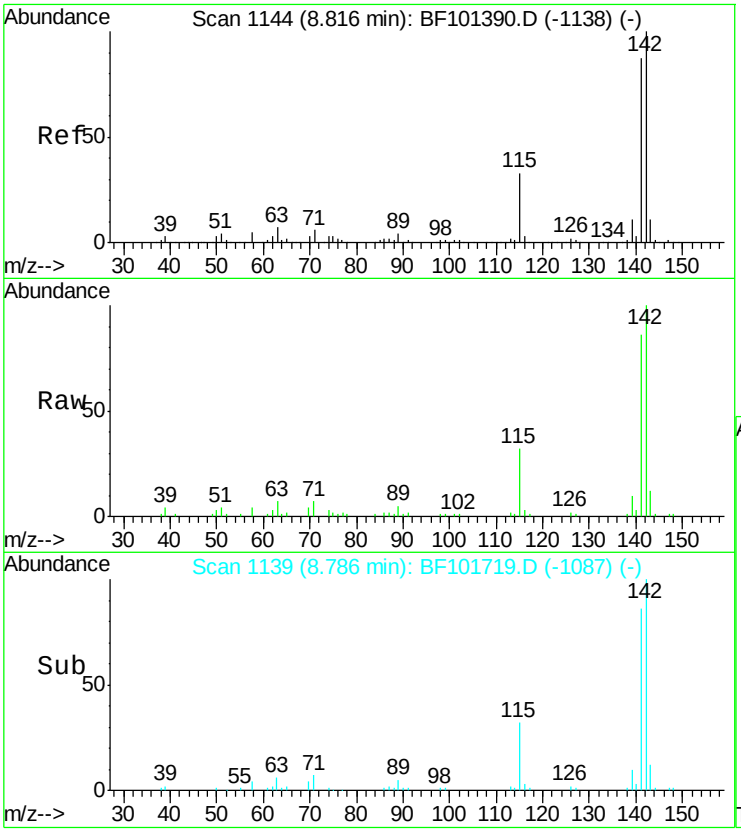


#31
Naphthalene
Concen: 46.417 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101719.D
Acq: 26 Dec 2017 16:54

Tgt Ion:128 Resp: 1186256

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.9	16.3



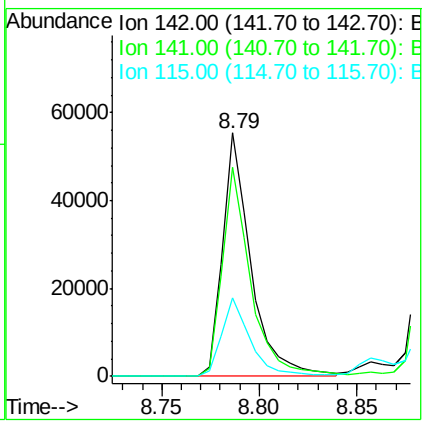


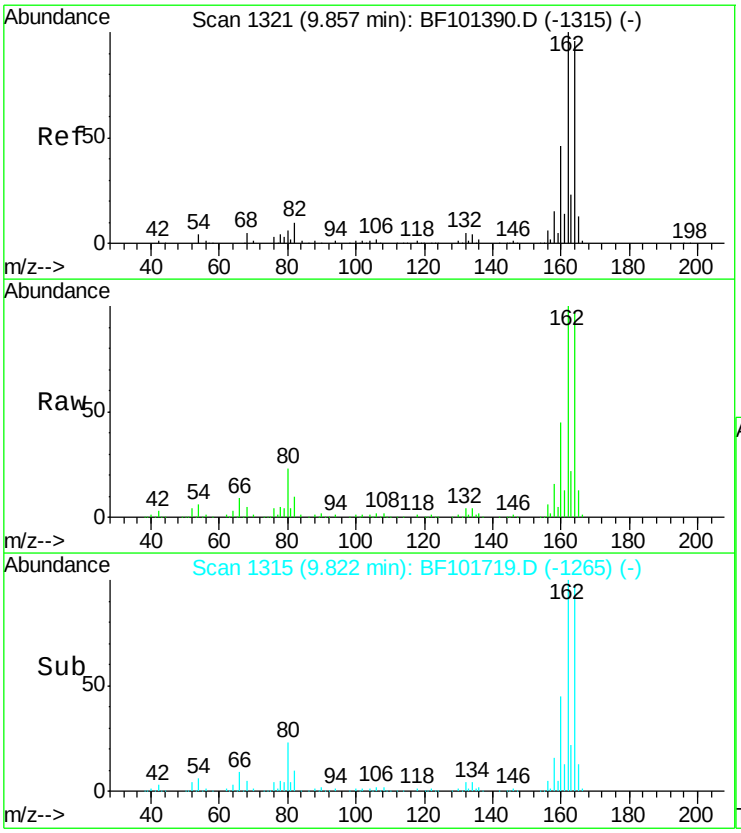
#37
2-Methylnaphthalene
Concen: 3.347 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF101719.D
Acq: 26 Dec 2017 16:54

Instrument :
BNA_F
ClientSampleId :
WC-34972326-01DL

Tgt Ion:142 Resp: 55734

Ion	Ratio	Lower	Upper
142	100		
141	85.9	70.8	106.2
115	32.3	26.1	39.1

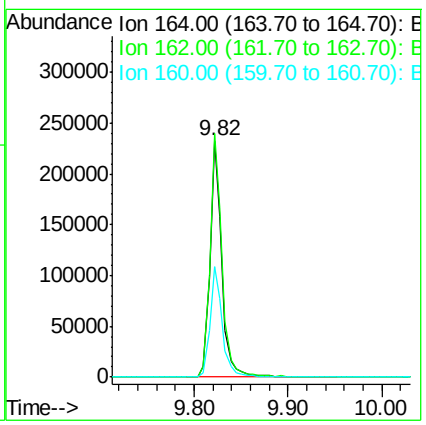


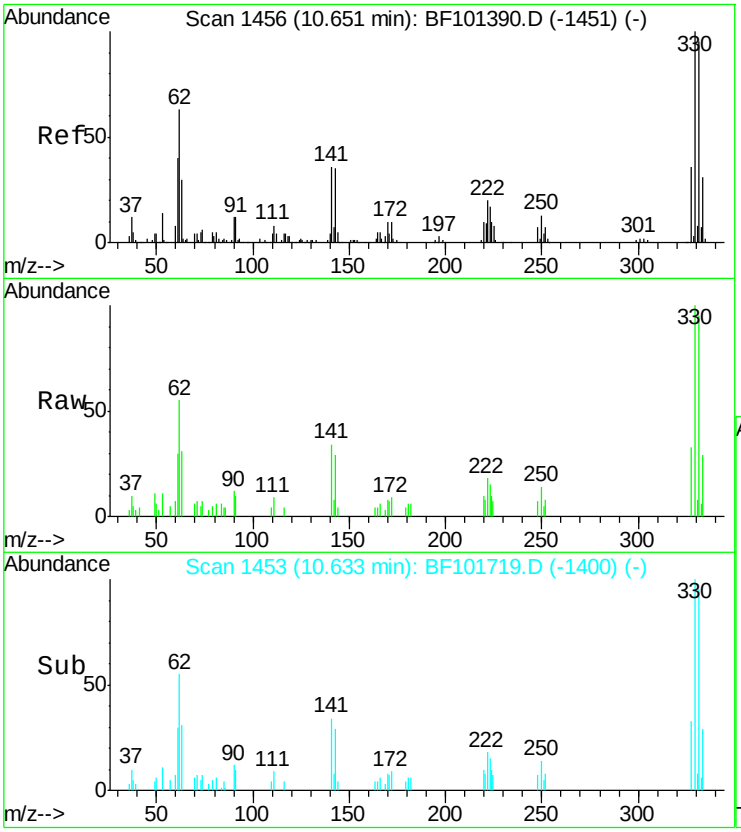


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101719.D
Acq: 26 Dec 2017 16:54

Tgt Ion:164 Resp: 207604

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	46.6	38.3	57.5



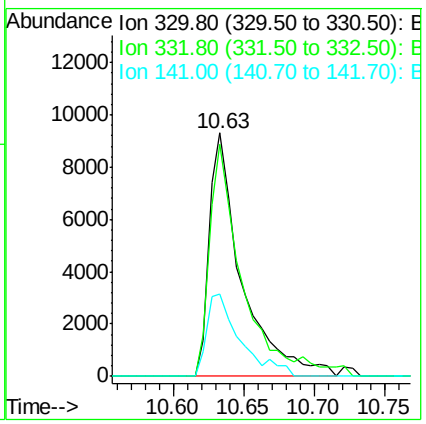


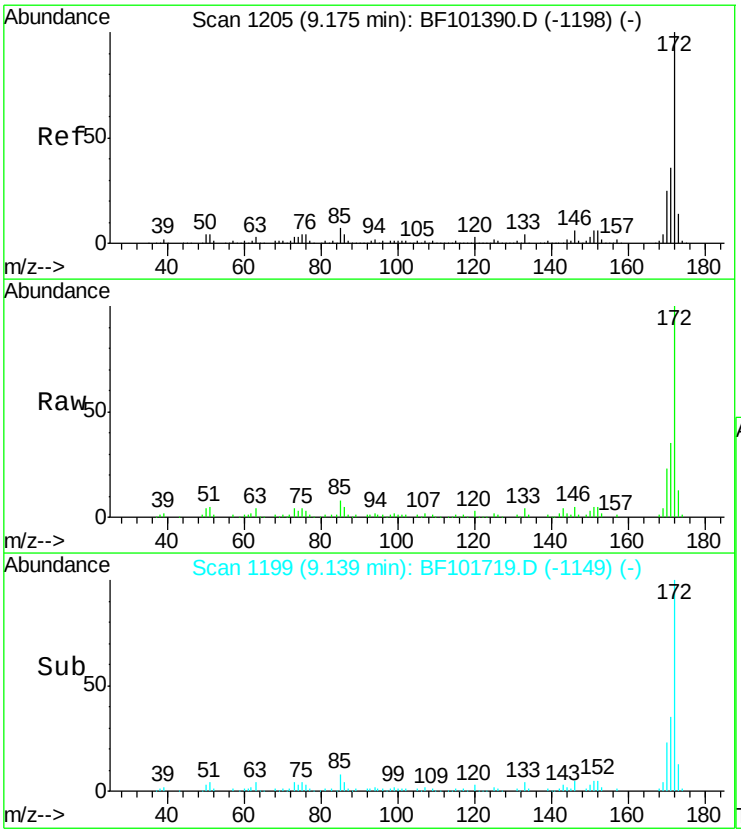
#41
2,4,6-Tribromophenol
Concen: 7.407 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BF101719.D
Acq: 26 Dec 2017 16:54

Instrument :
BNA_F
ClientSampleId :
WC-34972326-01DL

Tgt Ion:330 Resp: 14818

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	34.9	29.9	44.9

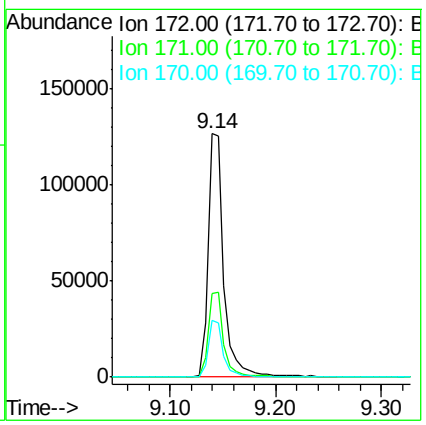


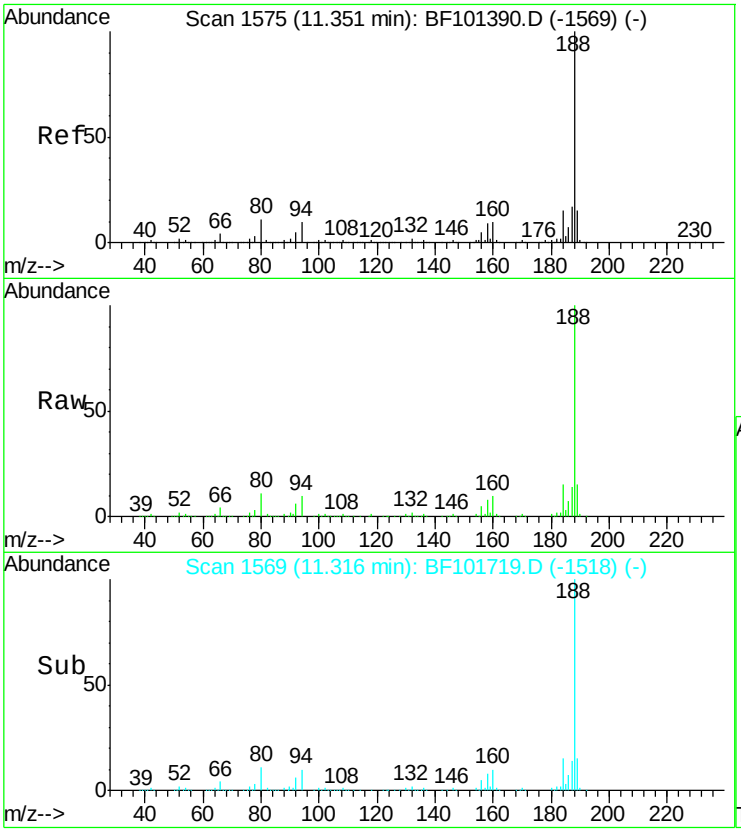


#44
2-Fluorobiphenyl
Concen: 9.917 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101719.D
Acq: 26 Dec 2017 16:54

Tgt Ion:172 Resp: 132719

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.4	19.6	29.4



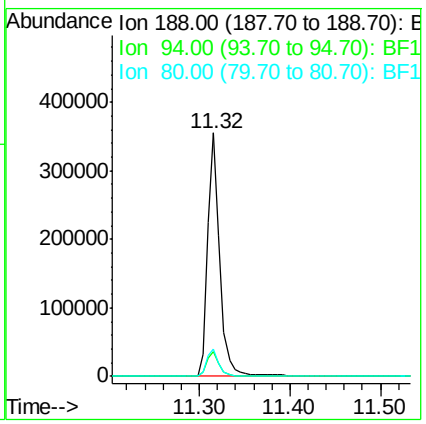


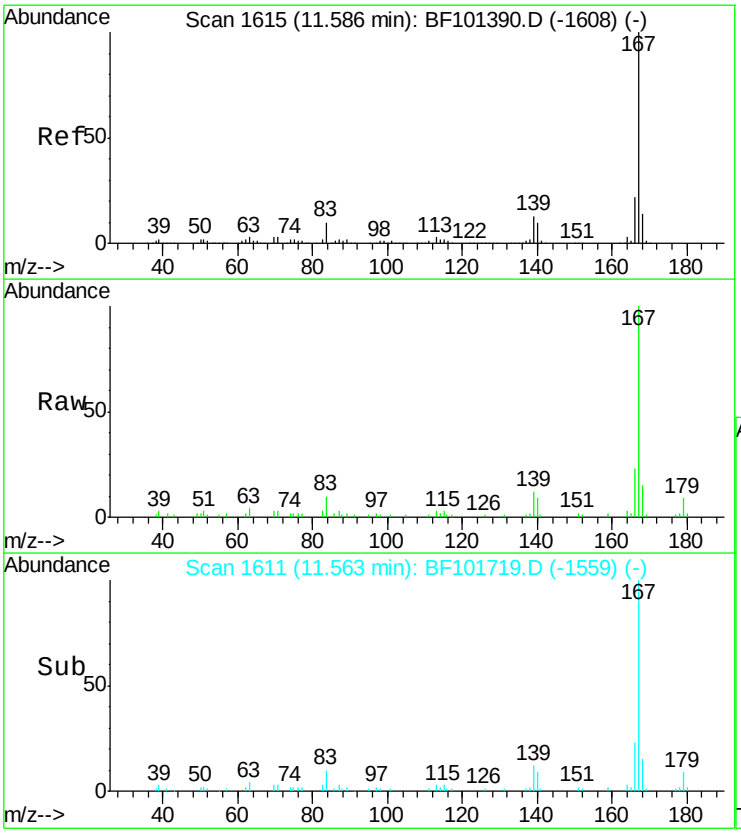
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF101719.D
Acq: 26 Dec 2017 16:54

Instrument :
BNA_F
ClientSampleId :
WC-34972326-01DL

Tgt Ion:188 Resp: 334090

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.2	9.2	13.8

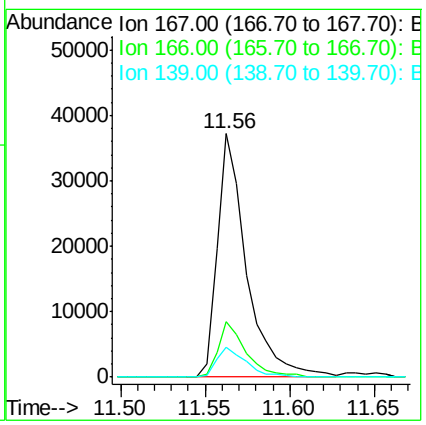


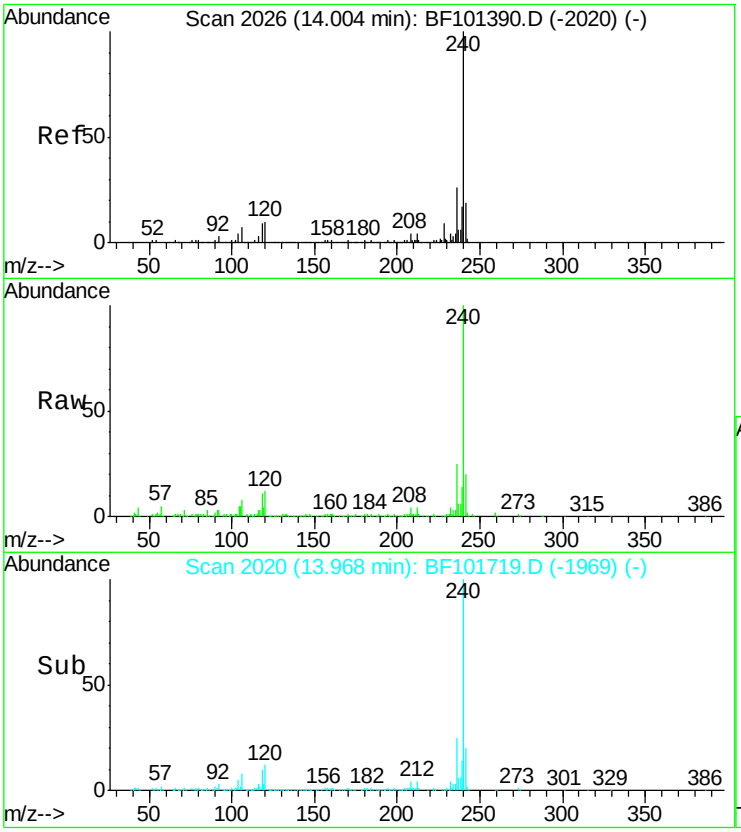


#72
Carbazole
Concen: 2.520 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF101719.D
Acq: 26 Dec 2017 16:54

Tgt Ion:167 Resp: 44779

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	12.5	10.9	16.3



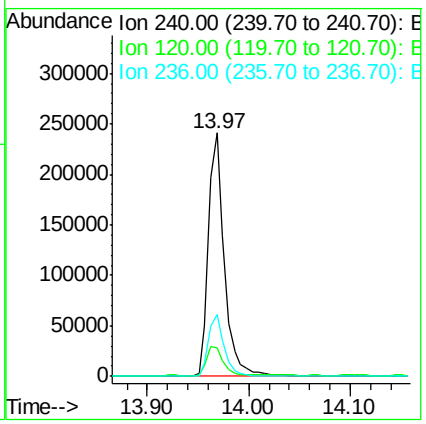


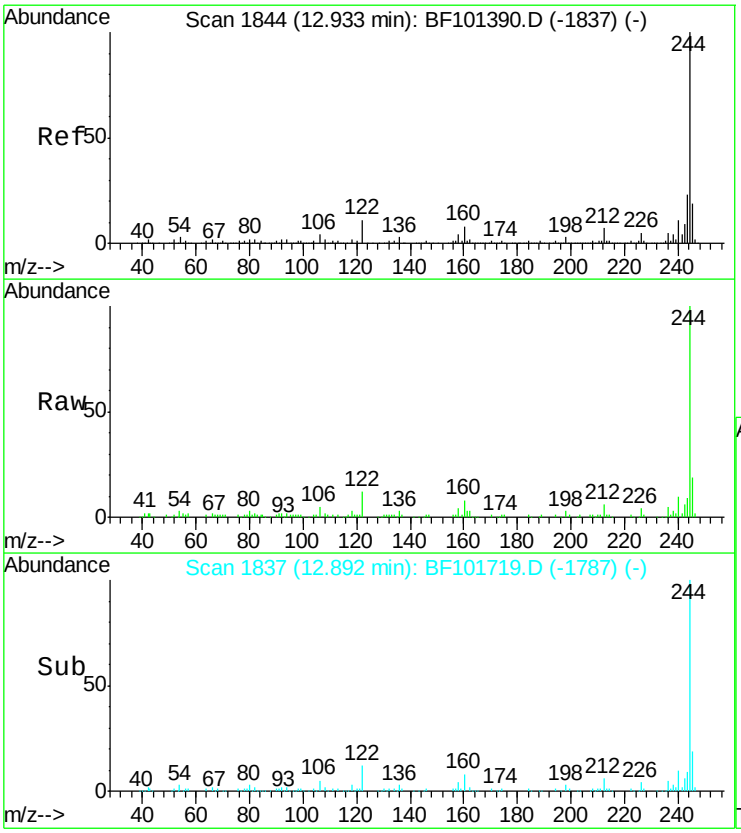
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF101719.D
Acq: 26 Dec 2017 16:54

Instrument :
BNA_F
ClientSampleId :
WC-34972326-01DL

Tgt Ion:240 Resp: 263950

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.5	20.7	31.1

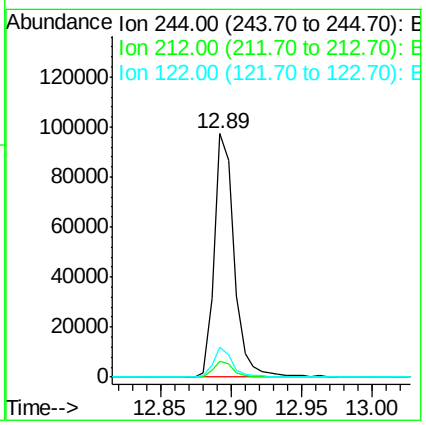


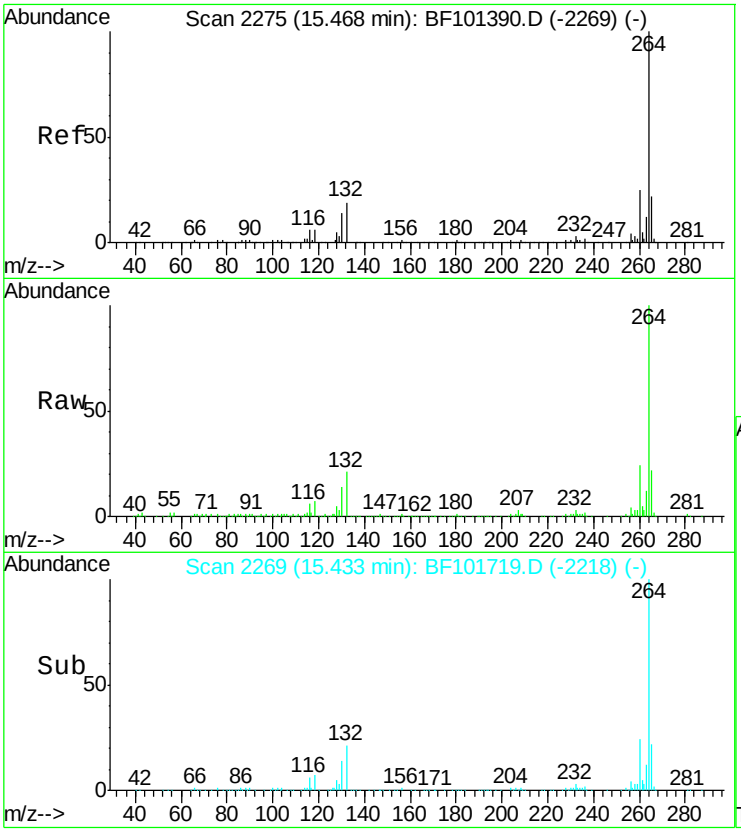


#78
Terphenyl-d14
Concen: 8.727 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF101719.D
Acq: 26 Dec 2017 16:54

Tgt Ion:244 Resp: 95551

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.2	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.00 min
Lab File: BF101719.D
Acq: 26 Dec 2017 16:54

Instrument :
BNA_F
ClientSampleId :
WC-34972326-01DL

Tgt Ion:264 Resp: 262682

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.5	26.3