Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
Operator : SJ/JU
Sample : I6824-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-3

Quant Time: Dec 15 13:59:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	174709	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	696165	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	320531	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	588825	20.00	ng	0.00
75) Chrysene-d12	13.99	240	418014	20.00	ng	-0.01
86) Perylene-d12	15.46	264	338171	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	678073	57.81	ng	0.00
7) Phenol-d6	6.45	99	550395	37.71	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1087098	86.93	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	338428	109.57	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1723291	83.40	ng	0.00
78) Terphenyl-d14	12.93	244	1640689	94.62	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.46	94	61949	3.724	ng	94
17) 2-Methylphenol	7.07	107	80366	7.081	ng	99
20) 3+4-Methylphenols	7.23	107	226190	18.808	ng	93
27) 2,4-Dimethylphenol	7.75	122	234068	23.170	ng	98
31) Naphthalene	8.12	128	2268400	64.724	ng	99
37) 2-Methylnaphthalene	8.81	142	243691	10.672	ng	99
45) 1,1'-Biphenyl	9.27	154	59508	2.093	ng	97
51) Acenaphthene	9.88	154	194998	9.448	ng	100
54) Dibenzofuran	10.06	168	202083	7.704	ng	98
57) Fluorene	10.40	166	166810	7.518	ng	97
70) Phenanthrene	11.37	178	280616	8.570	ng	99
71) Anthracene	11.42	178	73661	2.202	ng	97
72) Carbazole	11.58	167	401191	12.811	ng	98

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

Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101419.D
Acq On : 15 Dec 2017 2:57
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
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TW-3

Quant Time: Dec 15 13:59:01 2017
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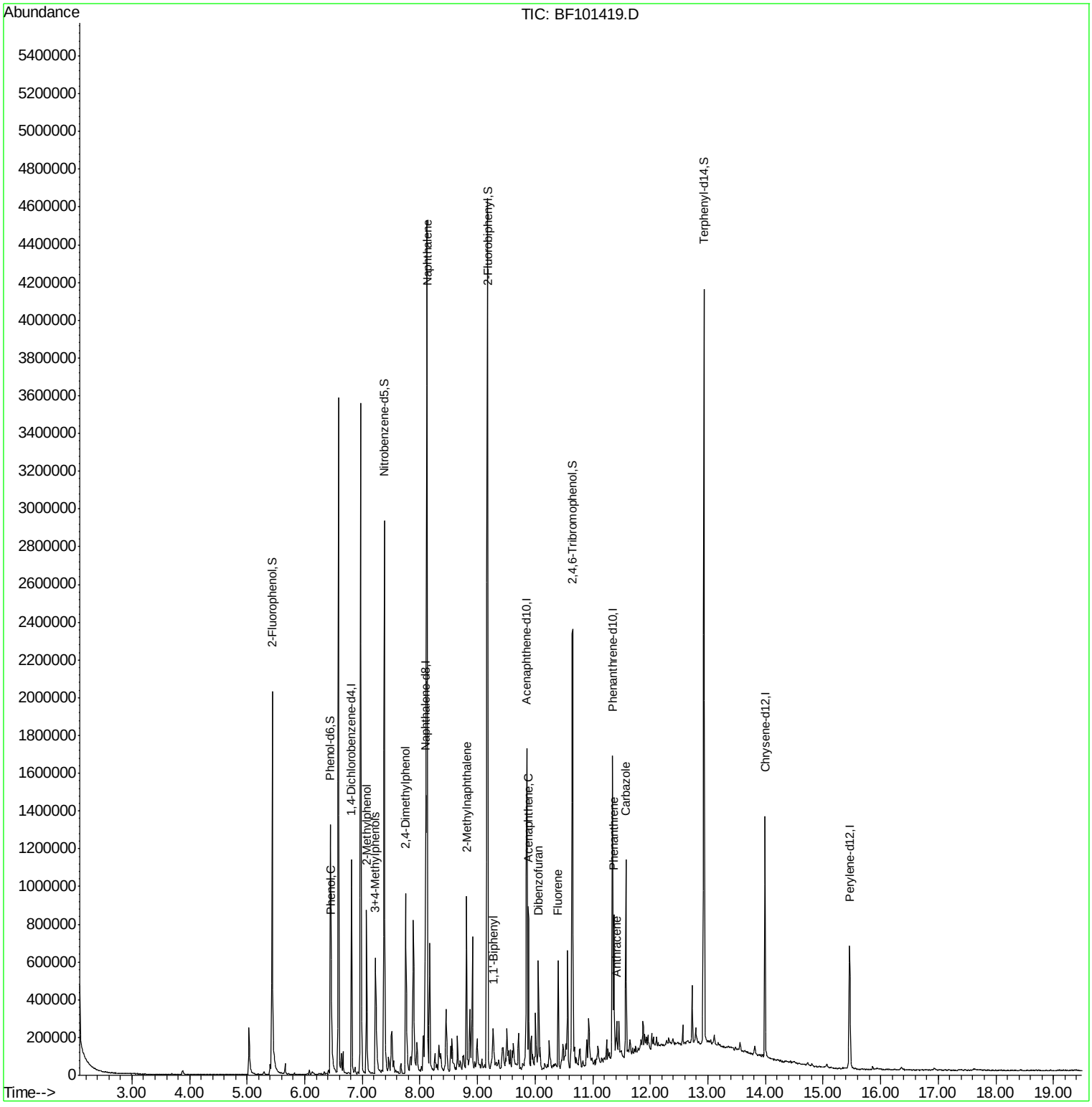
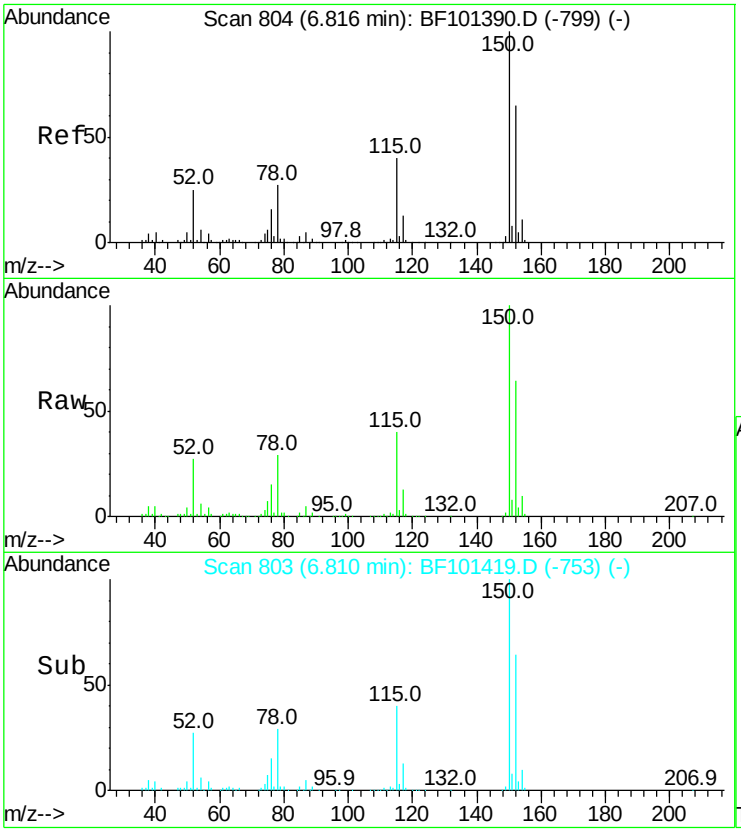
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 15:42:32 2017
Response via : Initial Calibration



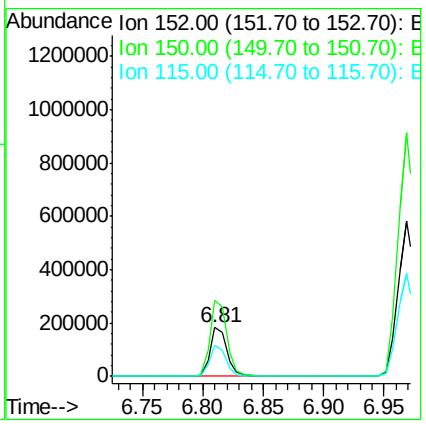


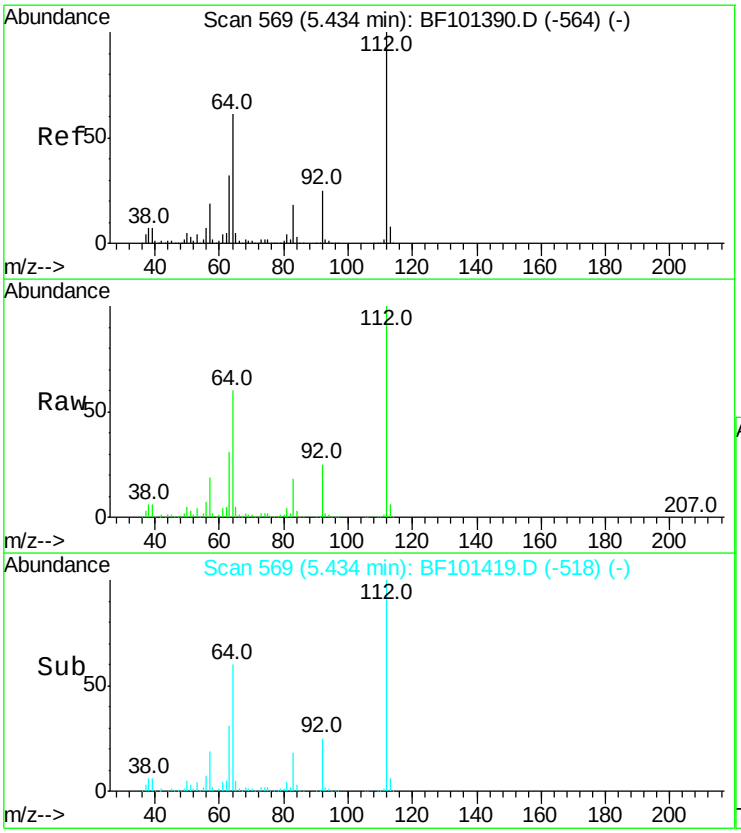
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:152 Resp: 174709

Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	62.9	50.1	75.1

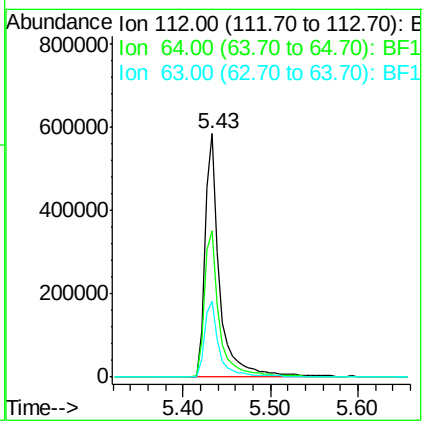


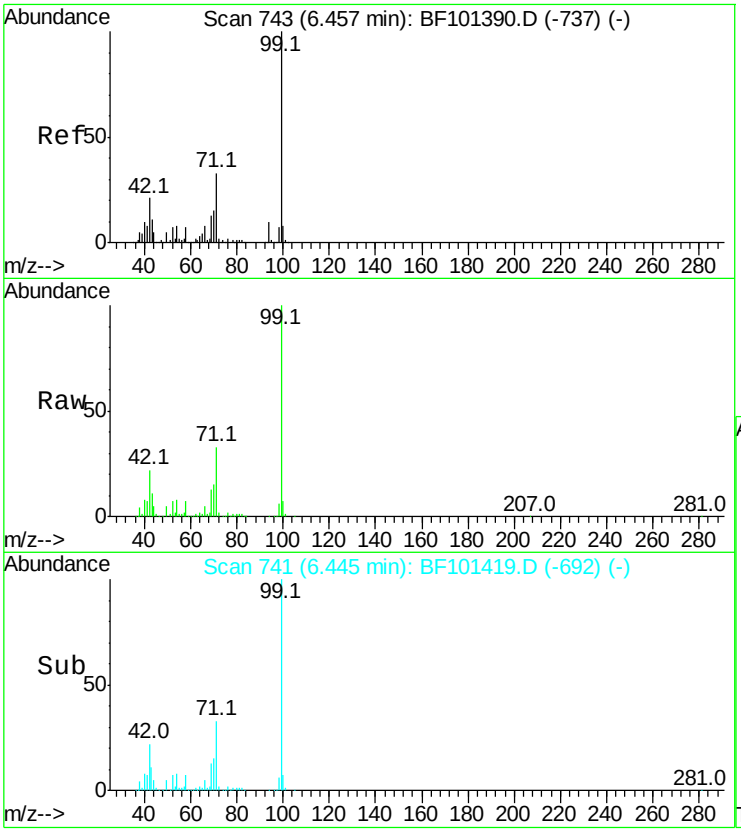


#5
2-Fluorophenol
Concen: 57.813 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Tgt Ion:112 Resp: 678073

Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	31.3	23.7	35.5



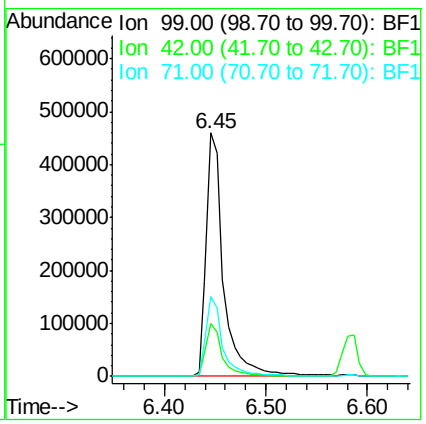


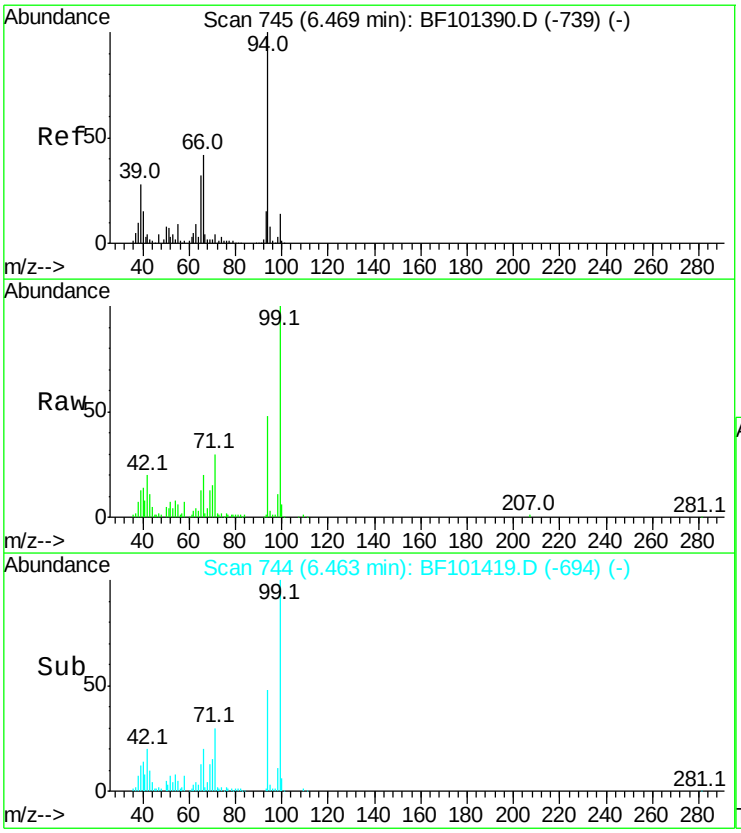
#7
Phenol-d6
Concen: 37.706 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion: 99 Resp: 550395

Ion	Ratio	Lower	Upper
99	100		
42	21.7	14.5	21.7#
71	32.7	25.4	38.0

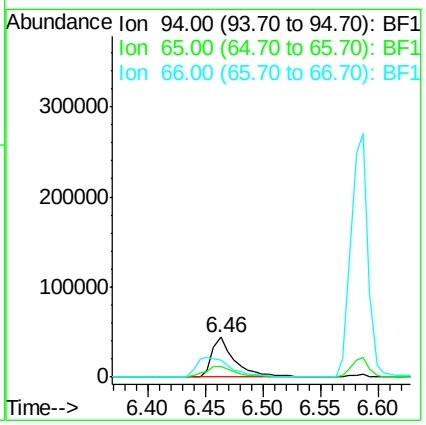


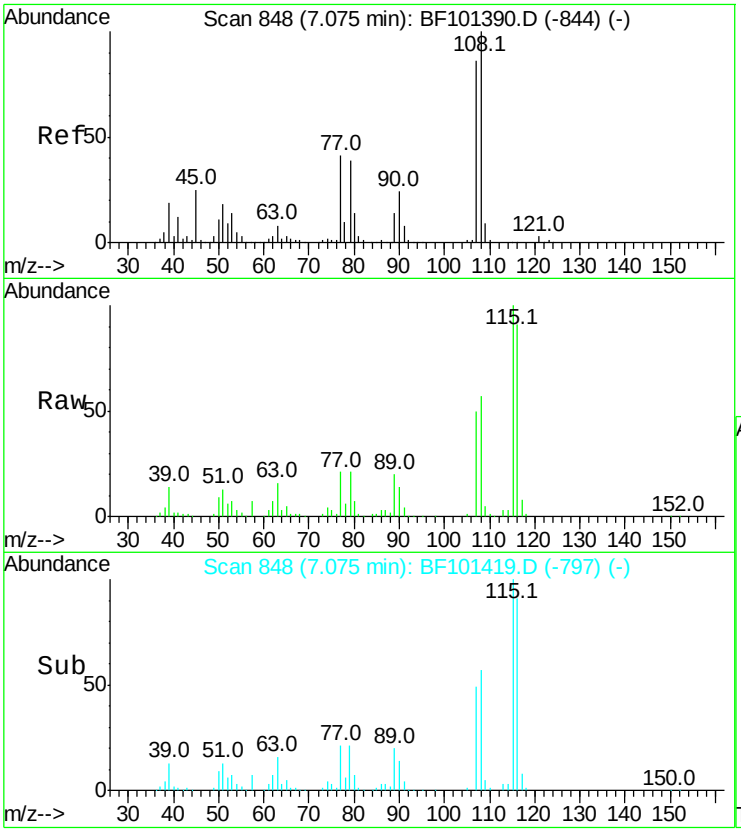


#10
Phenol
Concen: 3.724 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Tgt Ion: 94 Resp: 61949

Ion	Ratio	Lower	Upper
94	100		
65	27.7	7.9	47.9
66	42.0	16.2	56.2



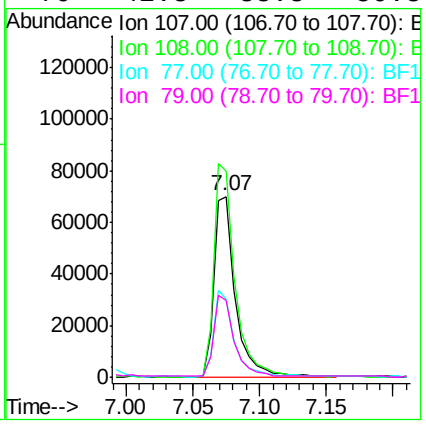


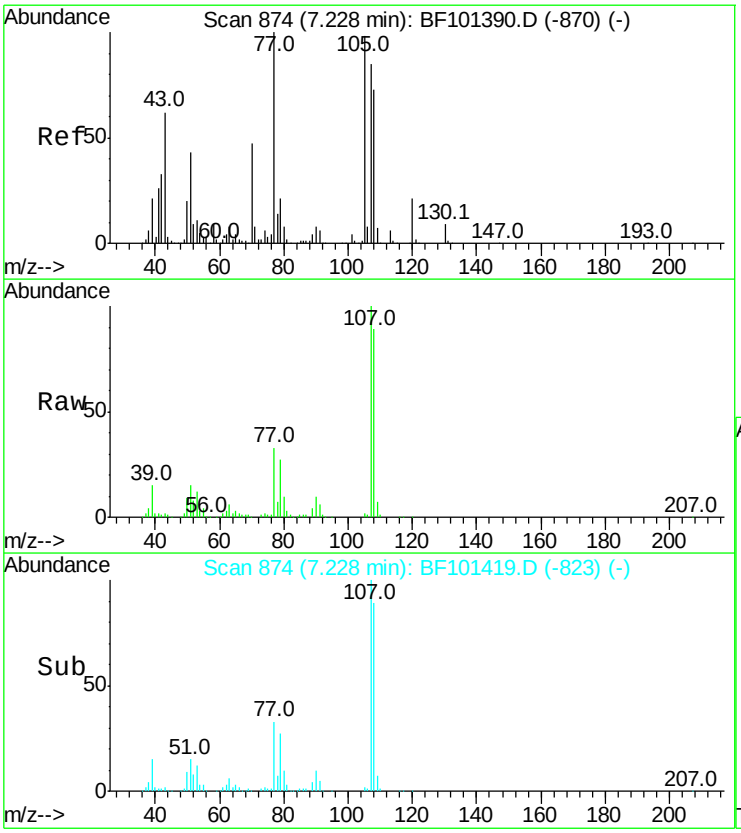
#17
2-Methylphenol
Concen: 7.081 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:107 Resp: 80366

Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.7	137.5
77	42.9	33.8	50.8
79	42.8	33.8	50.8

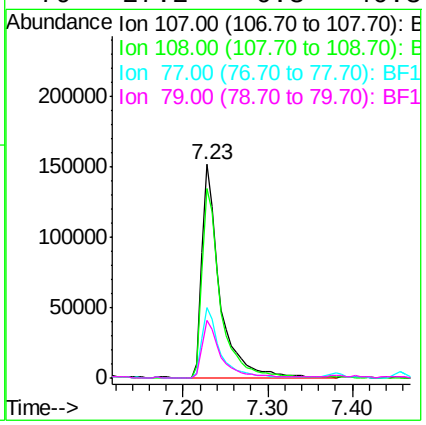


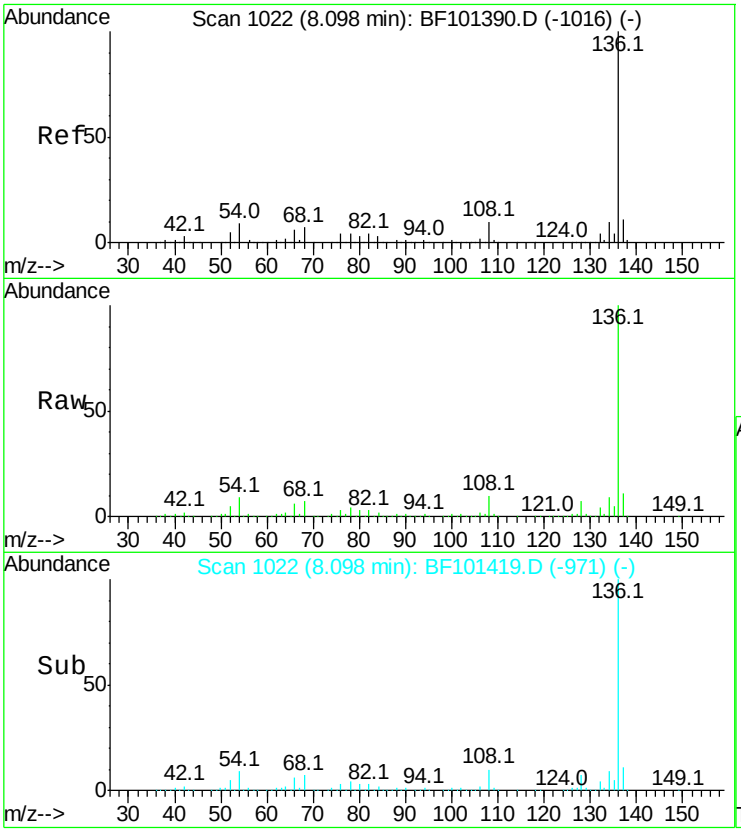


#20
3+4-Methylphenols
Concen: 18.808 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Tgt Ion:107 Resp: 226190

Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	32.7	26.7	66.7
79	27.2	6.3	46.3



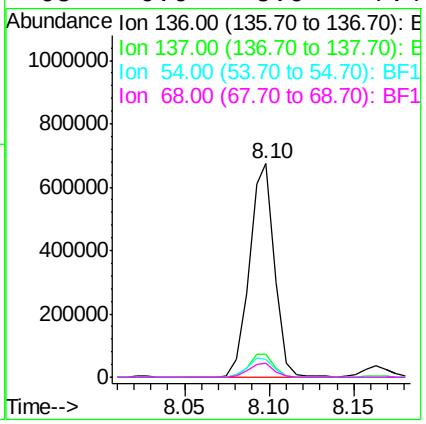


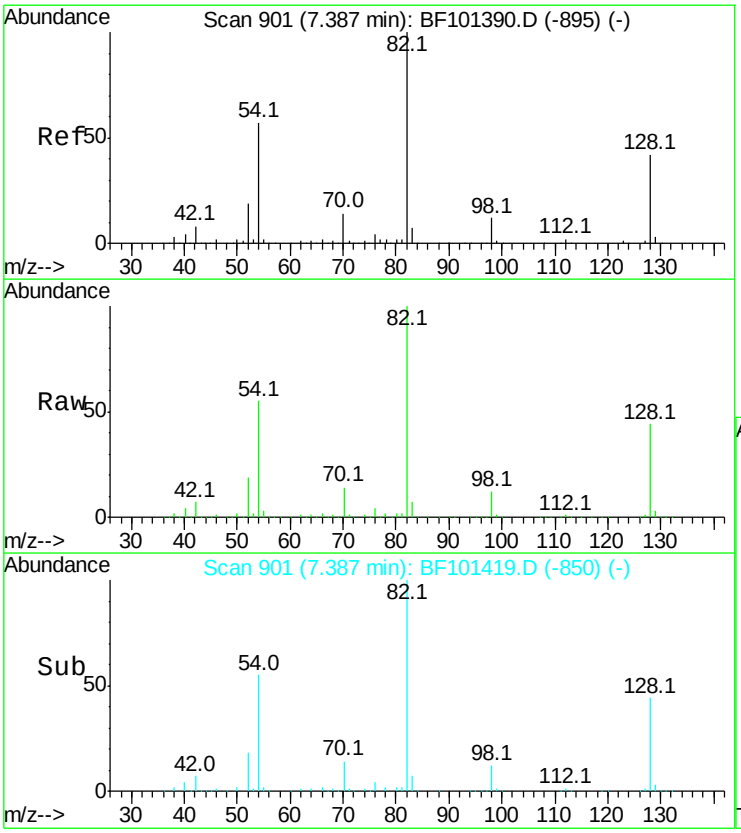
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:136 Resp: 696165

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.7	6.6	9.8
68	6.6	5.0	7.4

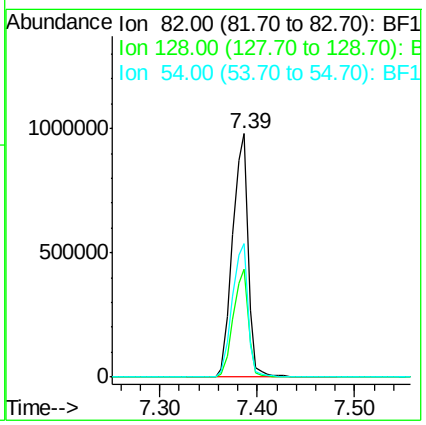


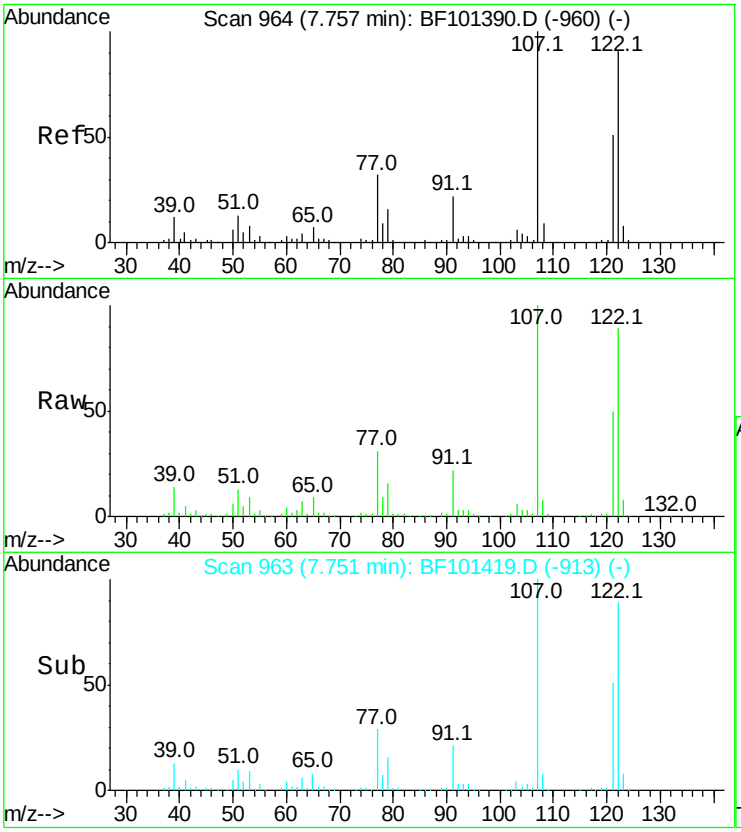


#23
Nitrobenzene-d5
Concen: 86.925 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Tgt Ion: 82 Resp: 1087098

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	54.9	41.4	62.2



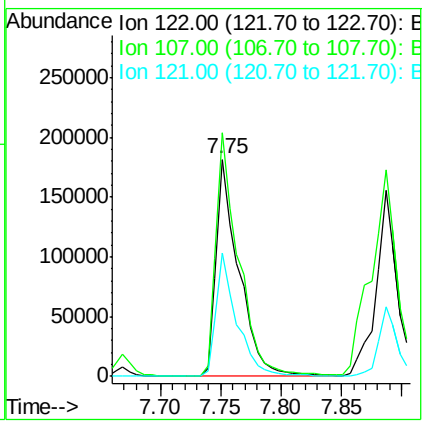


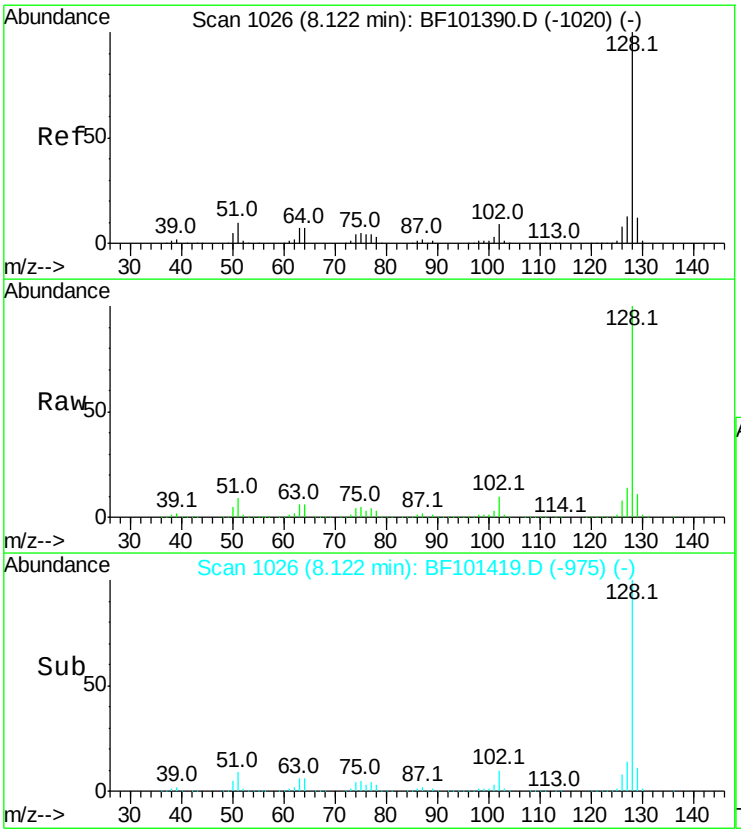
#27
2,4-Dimethylphenol
Concen: 23.170 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:122 Resp: 234068

Ion	Ratio	Lower	Upper
122	100		
107	112.2	91.2	136.8
121	56.6	47.2	70.8

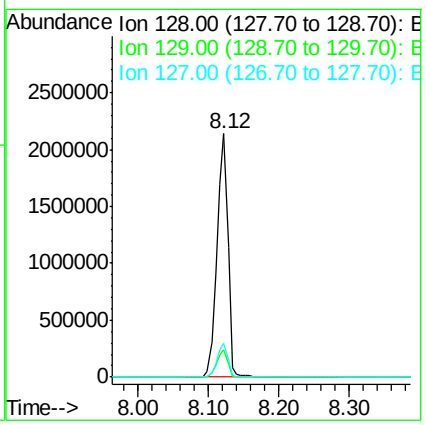


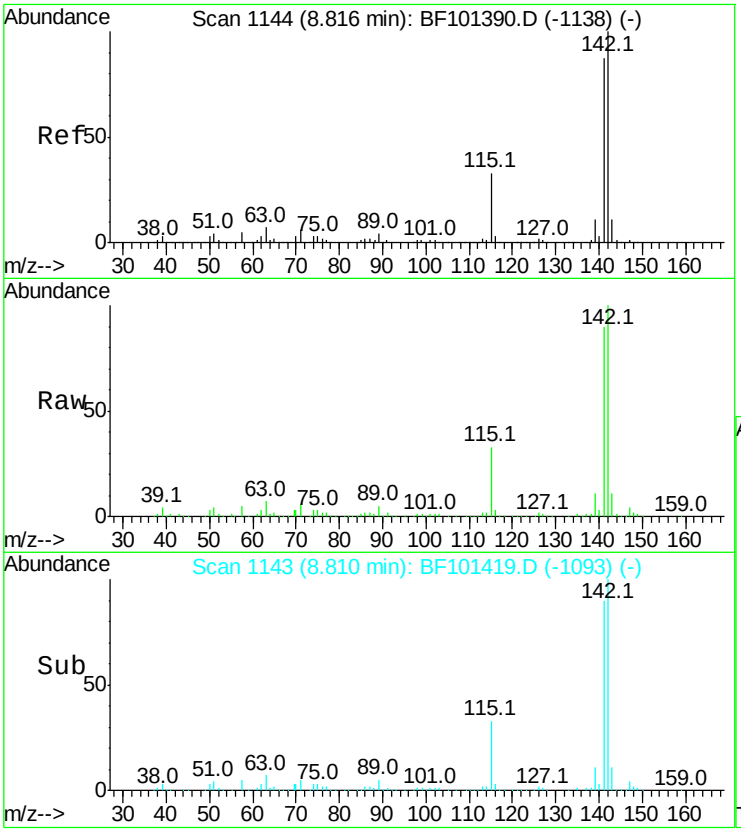


#31
Naphthalene
Concen: 64.724 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Tgt Ion:128 Resp: 2268400

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.9	10.9	16.3



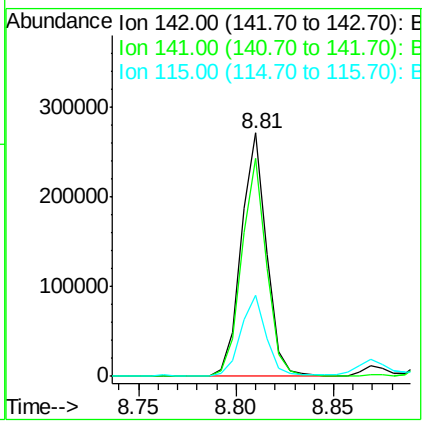


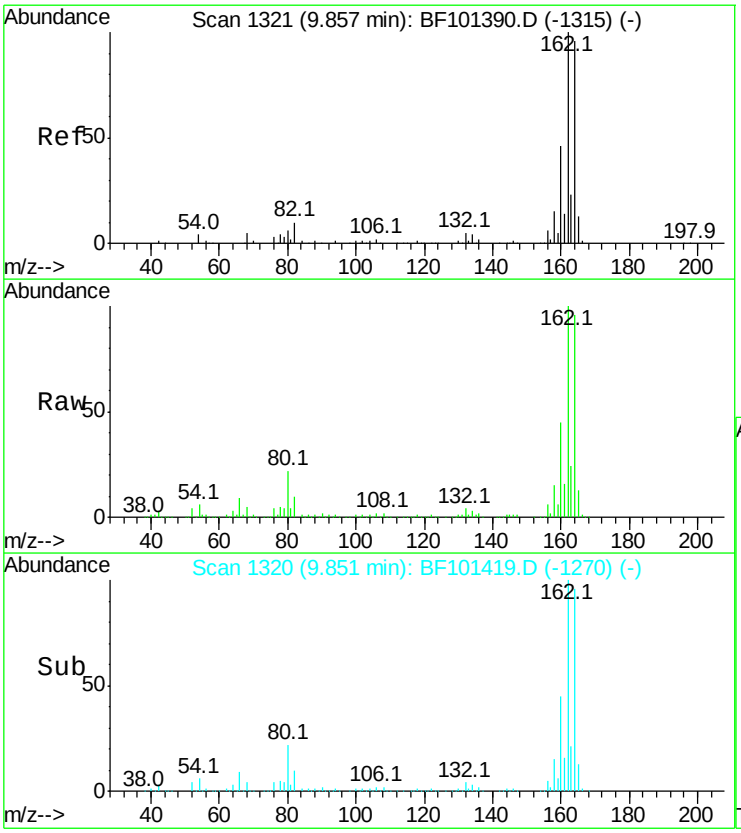
#37
2-Methylnaphthalene
Concen: 10.672 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:142 Resp: 243691

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	33.4	26.1	39.1

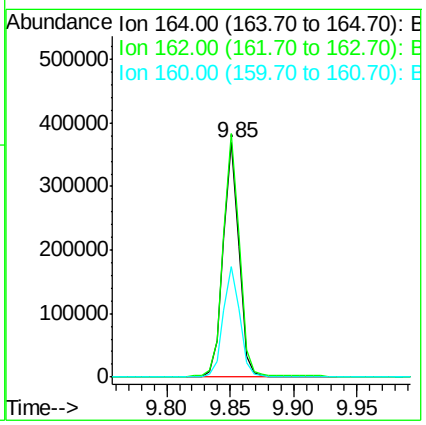


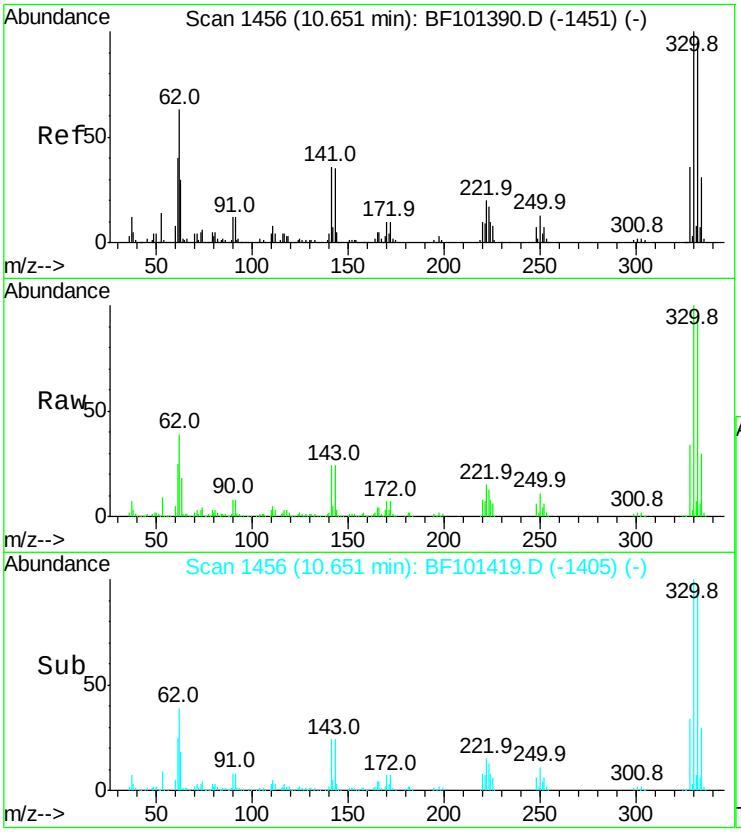


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Tgt Ion:164 Resp: 320531

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	47.0	38.3	57.5



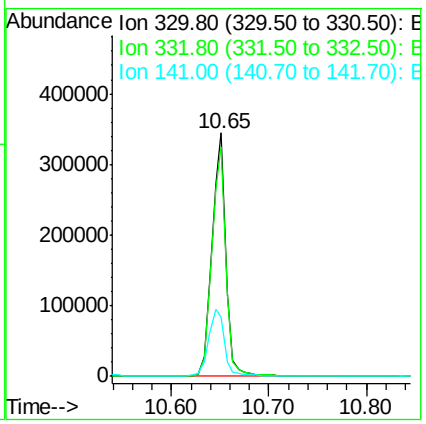


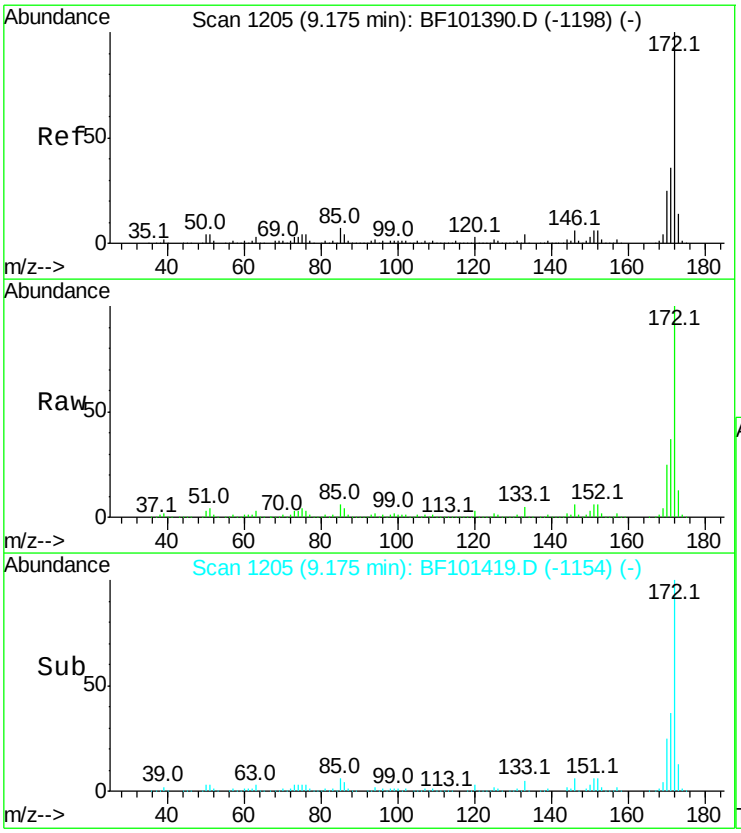
#41
2,4,6-Tribromophenol
Concen: 109.574 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:330 Resp: 338428

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	32.5	29.9	44.9

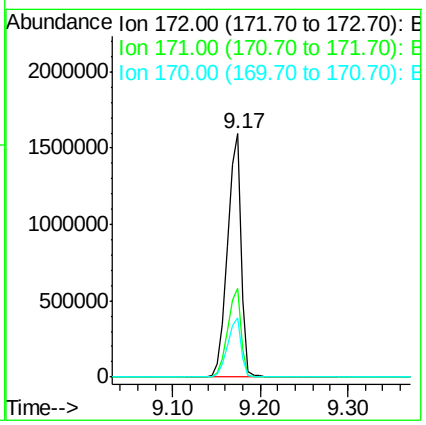


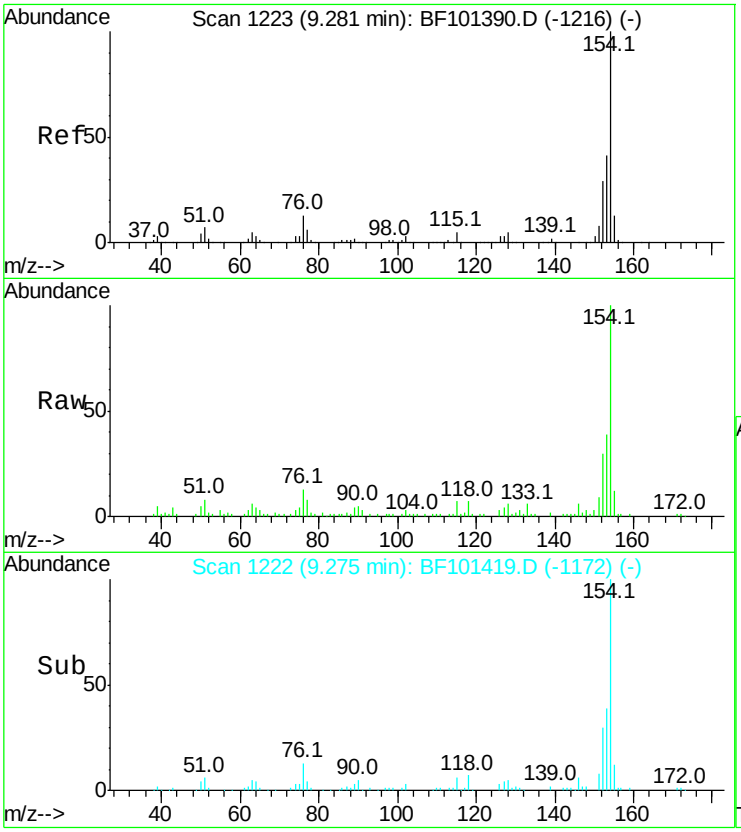


#44
2-Fluorobiphenyl
Concen: 83.400 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Tgt Ion:172 Resp: 1723291

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.5	19.6	29.4



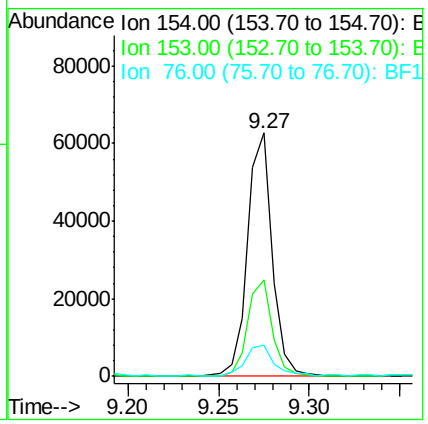


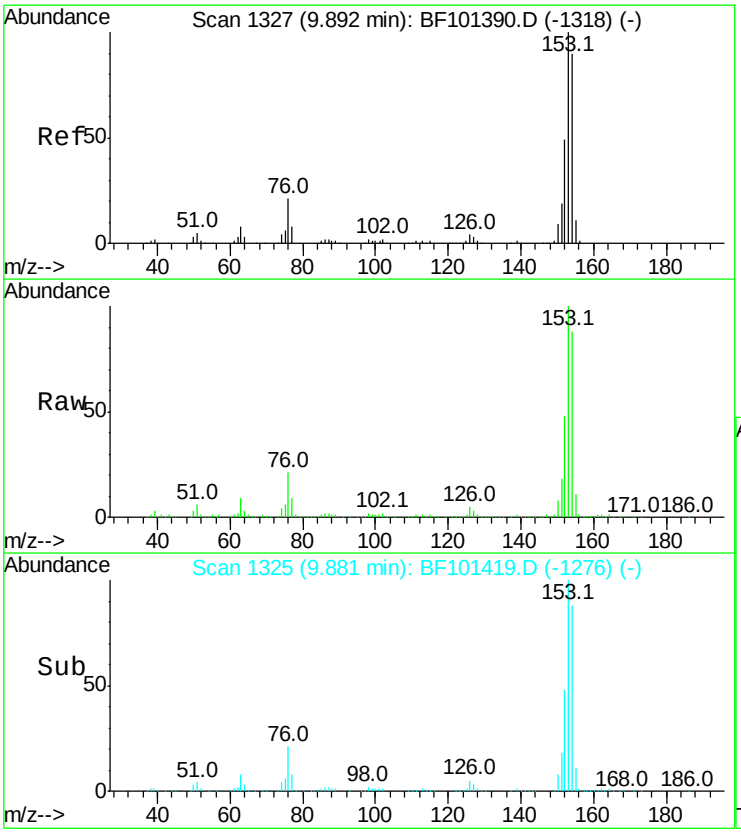
#45
1,1'-Biphenyl
Concen: 2.093 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:154 Resp: 59508

Ion	Ratio	Lower	Upper
154	100		
153	39.4	21.3	61.3
76	12.6	0.0	34.0

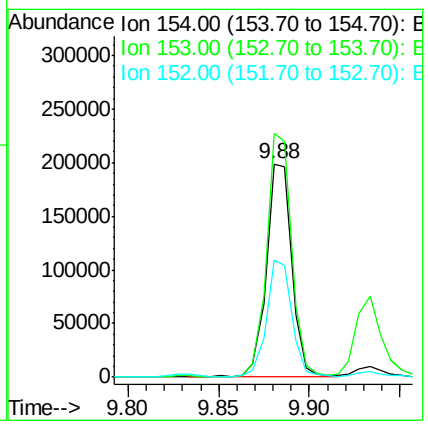


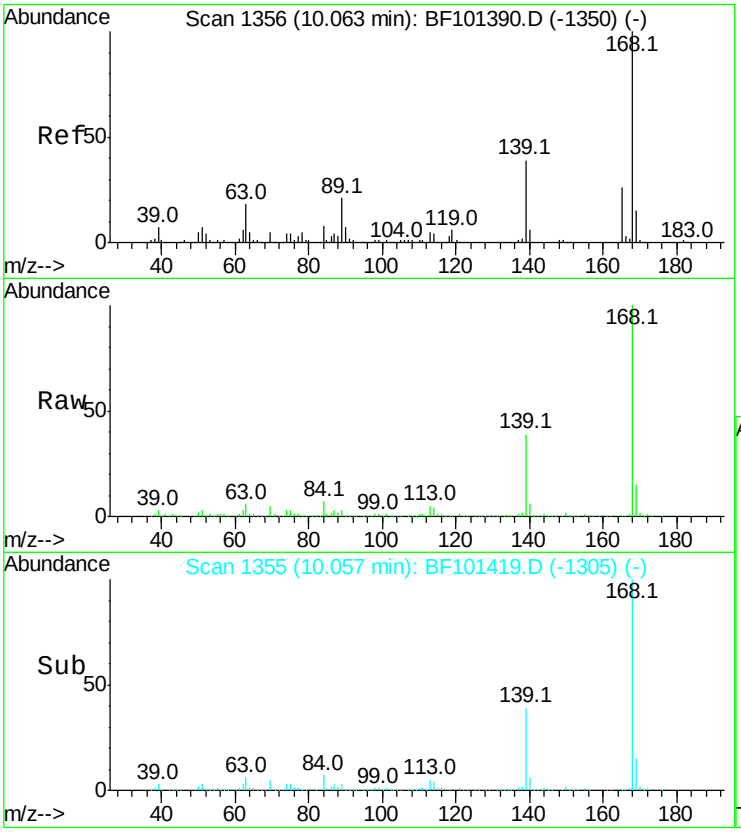


#51
Acenaphthene
Concen: 9.448 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Tgt Ion:154 Resp: 194998

Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.2	136.8
152	54.6	43.8	65.8



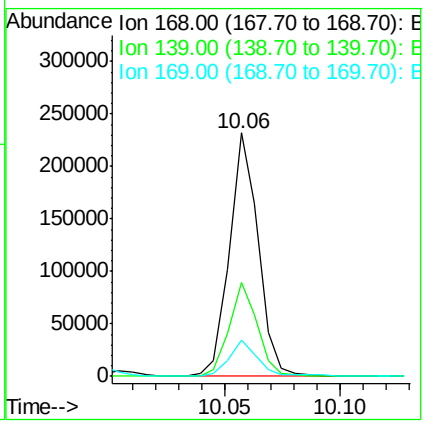


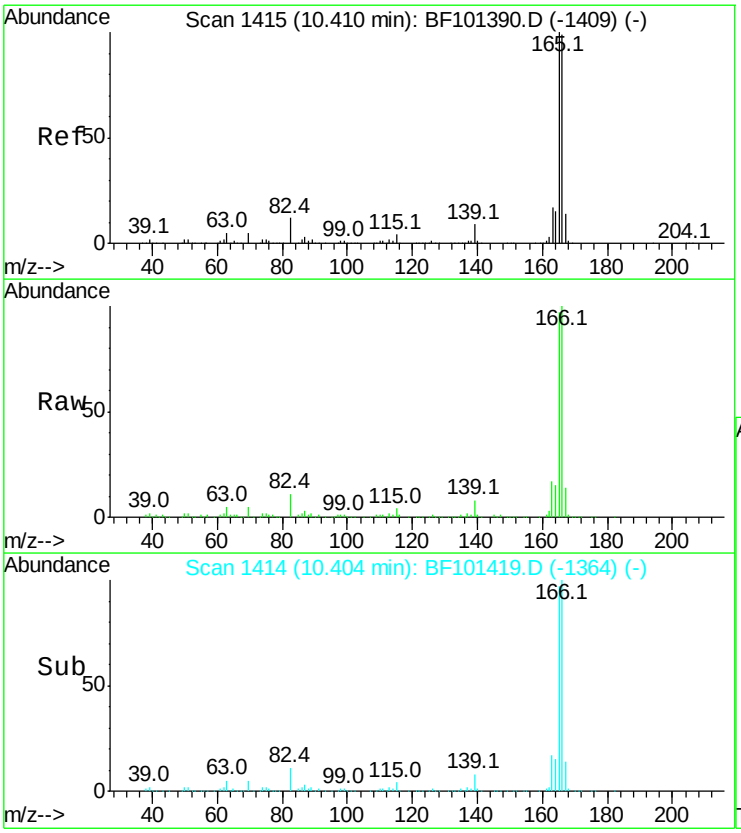
#54
Dibenzofuran
Concen: 7.704 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:168 Resp: 202083

Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.1	45.1
169	14.8	10.9	16.3

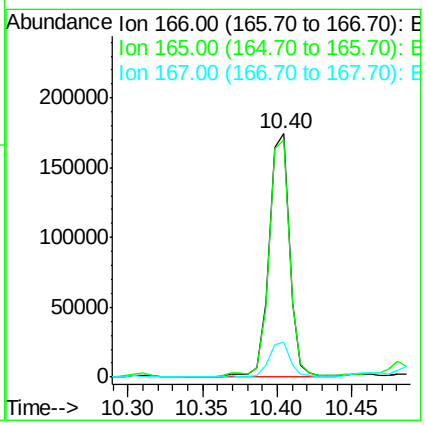


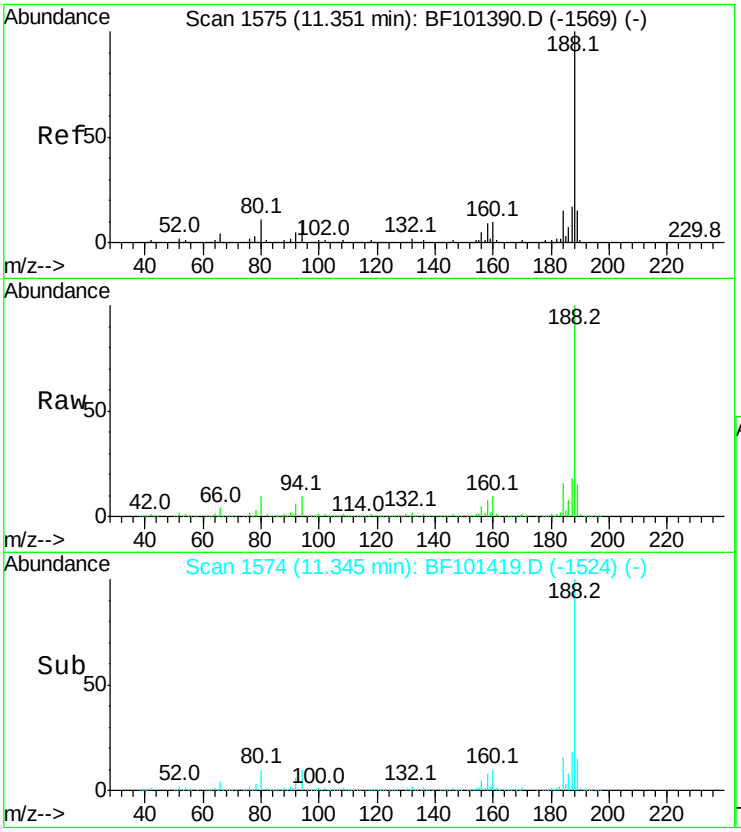


#57
Fluorene
Concen: 7.518 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Tgt Ion:166 Resp: 166810

Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.8	119.8
167	14.5	10.6	16.0



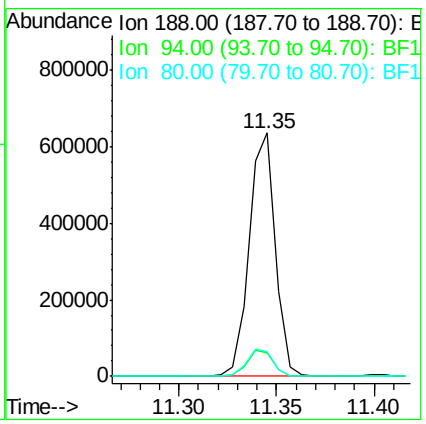


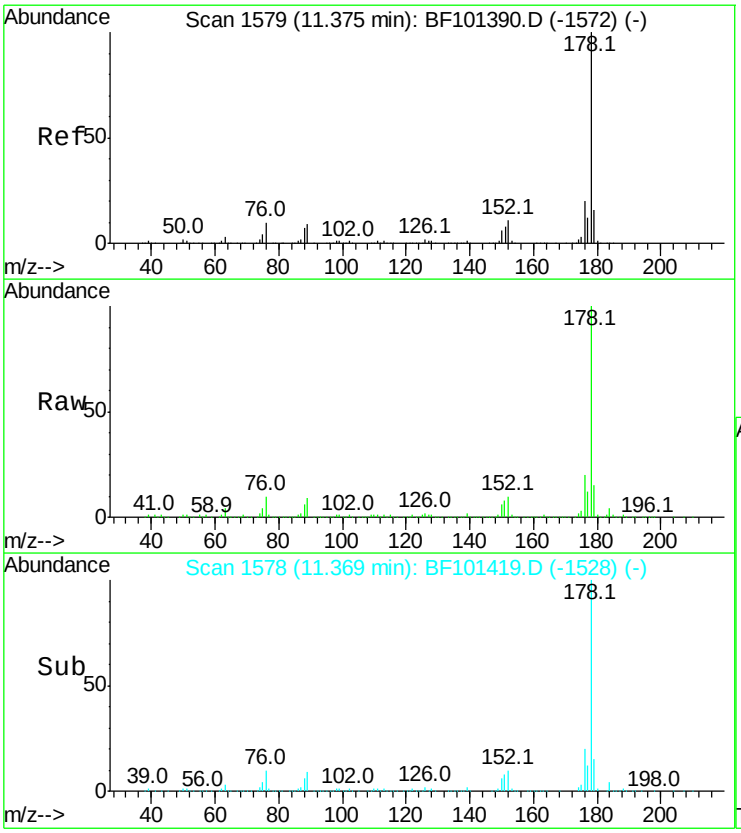
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:188 Resp: 588825

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.3	9.2	13.8

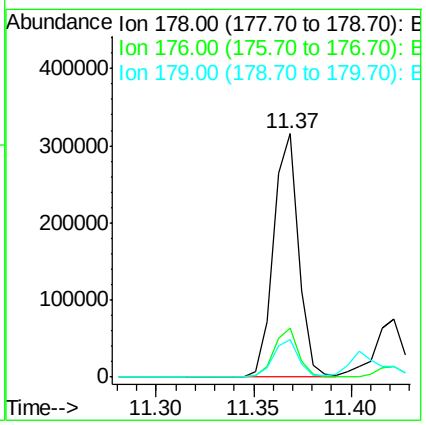


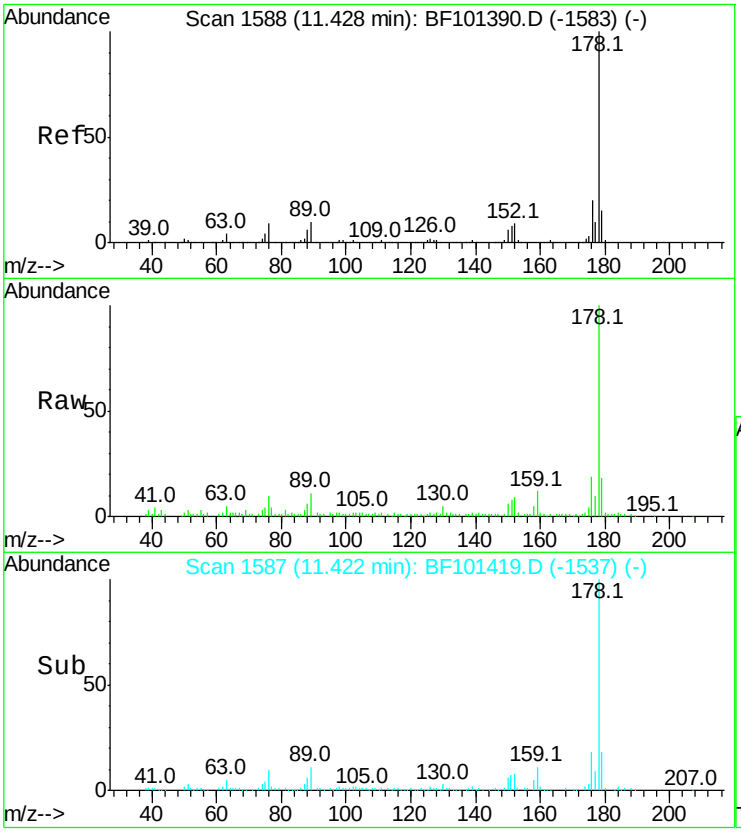


#70
Phenanthrene
Concen: 8.570 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Tgt Ion:178 Resp: 280616

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.2	13.0	19.6



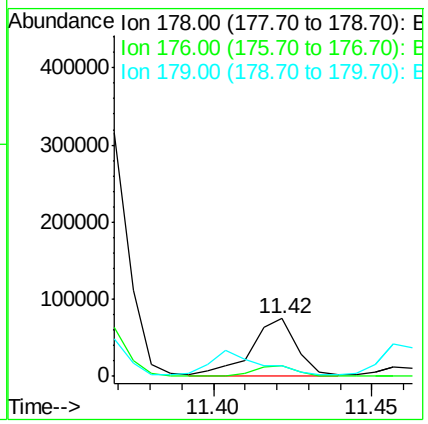


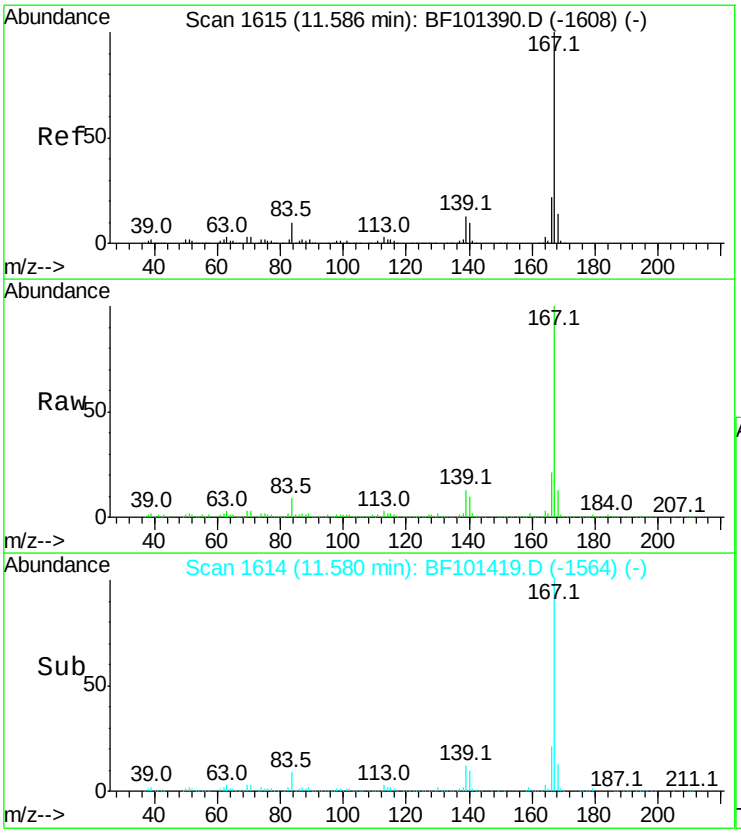
#71
Anthracene
Concen: 2.202 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:178 Resp: 73661

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	17.8	12.6	19.0

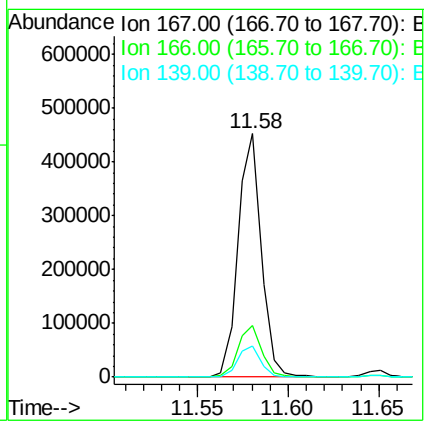


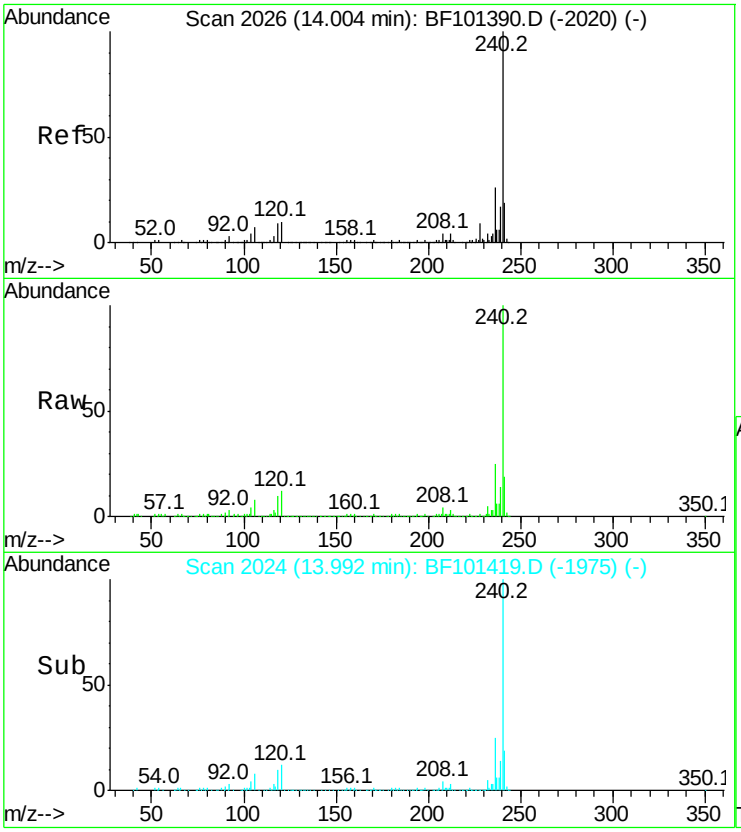


#72
Carbazole
Concen: 12.811 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Tgt Ion:167 Resp: 401191

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.6	26.4
139	12.6	10.9	16.3



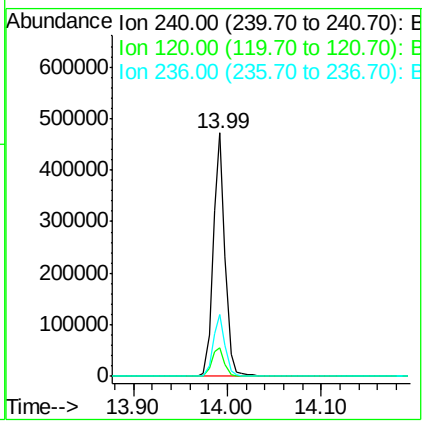


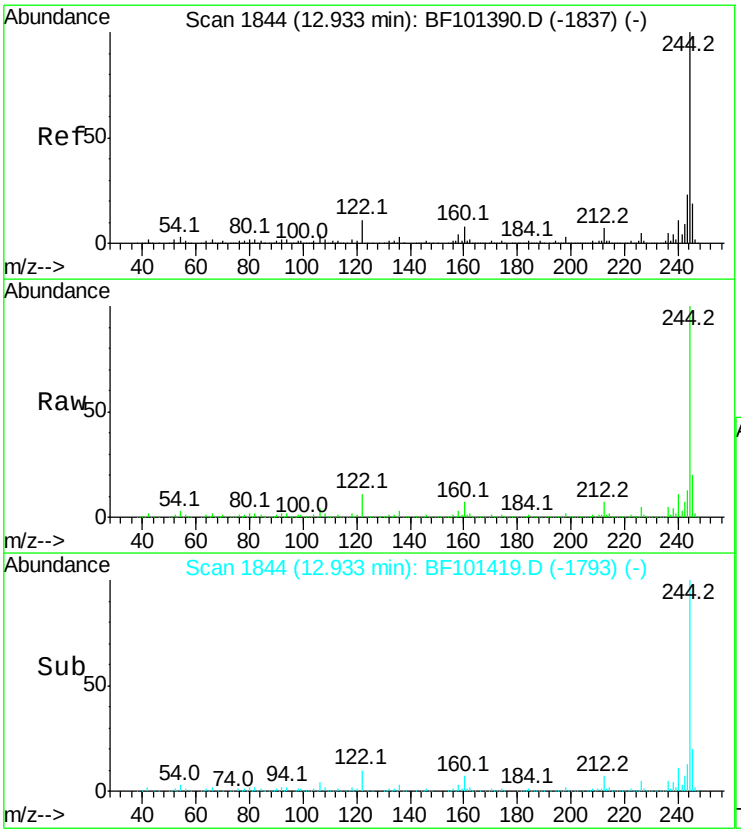
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:240 Resp: 418014

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.3	20.7	31.1

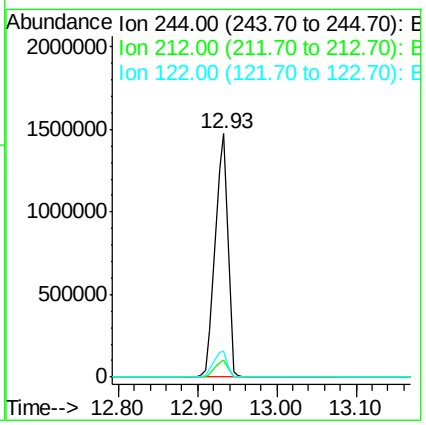


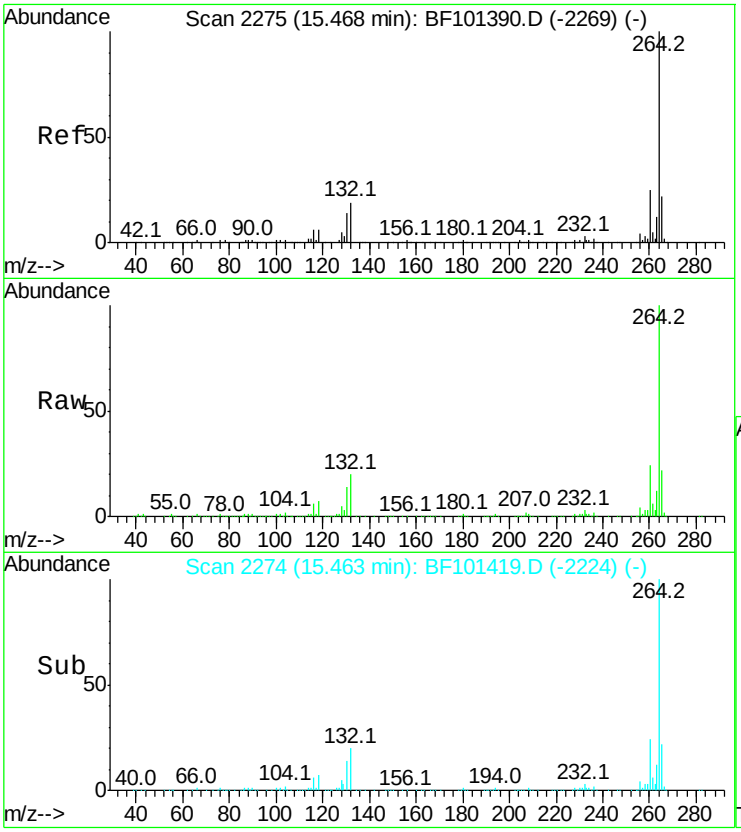


#78
Terphenyl-d14
Concen: 94.622 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.00 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Tgt Ion:244 Resp: 1640689

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	10.6	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF101419.D
Acq: 15 Dec 2017 2:57

Instrument :
BNA_F
ClientSampleId :
TW-3

Tgt Ion:264 Resp: 338171

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	17.5	26.3