Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101402.D
Acq On : 14 Dec 2017 19:23
Operator : SJ/JU
Sample : I6836-01 100X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 14 23:46:38 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	172698	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	687167	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	310519	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	568279	20.00	ng		0.00
75) Chrysene-d12	13.99	240	385269	20.00	ng		-0.01
86) Perylene-d12	15.46	264	304006	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	933	0.08	ng		0.06
7) Phenol-d6	6.47	99	1823	0.13	ng		0.01
23) Nitrobenzene-d5	7.40	82	883	0.07	ng		0.02
41) 2,4,6-Tribromophenol	10.66	330	436	0.15	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	2138	0.11	ng		0.00
78) Terphenyl-d14	12.93	244	3458	0.22	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.48	94	45523	2.768	ng		97
20) 3+4-Methylphenols	7.25	107	26260	2.209	ng		89
31) Naphthalene	8.13	128	2741948	79.260	ng		99
32) Benzoic acid	7.91	122	5040	8.587	ng	#	24
33) 4-Chloroaniline	8.13	127	380611	25.313	ng	#	36
35) Caprolactam	8.81	113	9596	2.805	ng	#	1
37) 2-Methylnaphthalene	8.81	142	424555	18.836	ng		99
45) 1,1'-Biphenyl	9.27	154	107185	3.892	ng		99
48) Acenaphthylene	9.72	152	433784	13.034	ng		100
50) 2,6-Dinitrotoluene	9.85	165	47225	9.303	ng	#	26
51) Acenaphthene	9.89	154	115647	5.784	ng		98
54) Dibenzofuran	10.06	168	339615	13.365	ng		96
55) 4-Nitrophenol	10.06	139	132715	48.090	ng	#	10
57) Fluorene	10.40	166	399961	18.606	ng		99
70) Phenanthrene	11.37	178	1351082	42.752	ng		98
71) Anthracene	11.42	178	478721	14.830	ng		100
72) Carbazole	11.58	167	178142	5.894	ng		100
74) Fluoranthene	12.56	202	925801	27.909	ng		99
77) Pyrene	12.79	202	806781	27.902	ng		100
80) Benzo(a)anthracene	13.98	228	306836	12.061	ng		97
82) Chrysene	14.02	228	249657	10.394	ng		98
87) Benzo(b)fluoranthene	15.04	252	273477	14.759	ng		97
88) Benzo(k)fluoranthene	15.04	252	273477	15.180	ng		99
89) Benzo(a)pyrene	15.40	252	171135	10.019	ng		98
91) Benzo(g,h,i)perylene	17.39	276	82518	5.682	ng		95

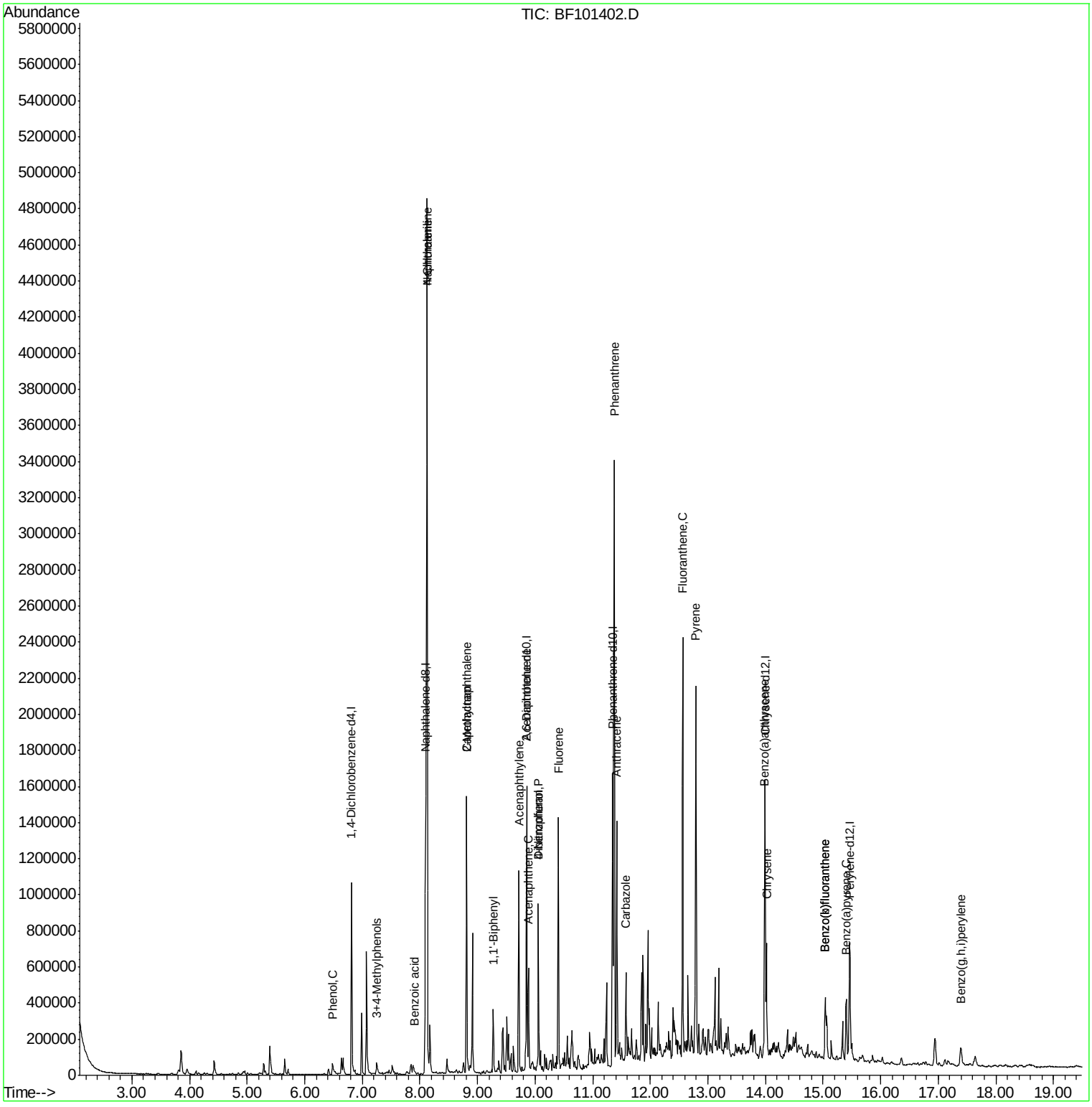
(#) = qualifier out of range (m) = manual integration (+) = signals summed

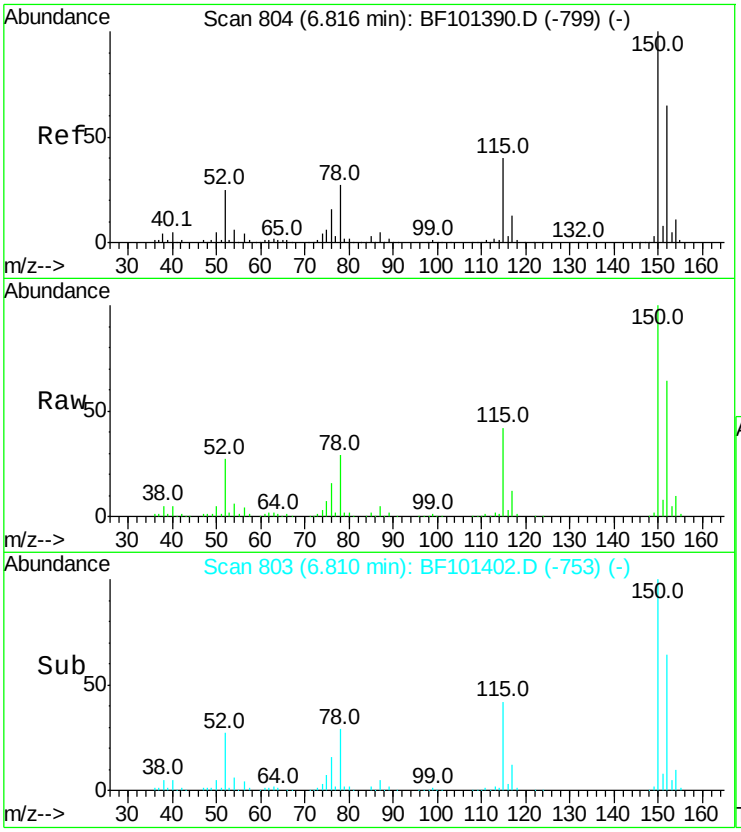
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101402.D
Acq On : 14 Dec 2017 19:23
Operator : SJ/JU
Sample : I6836-01 100X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 14 23:46:38 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



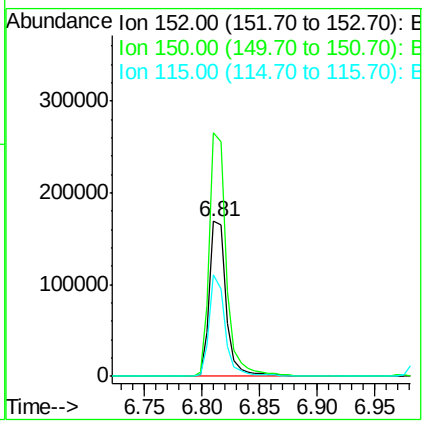


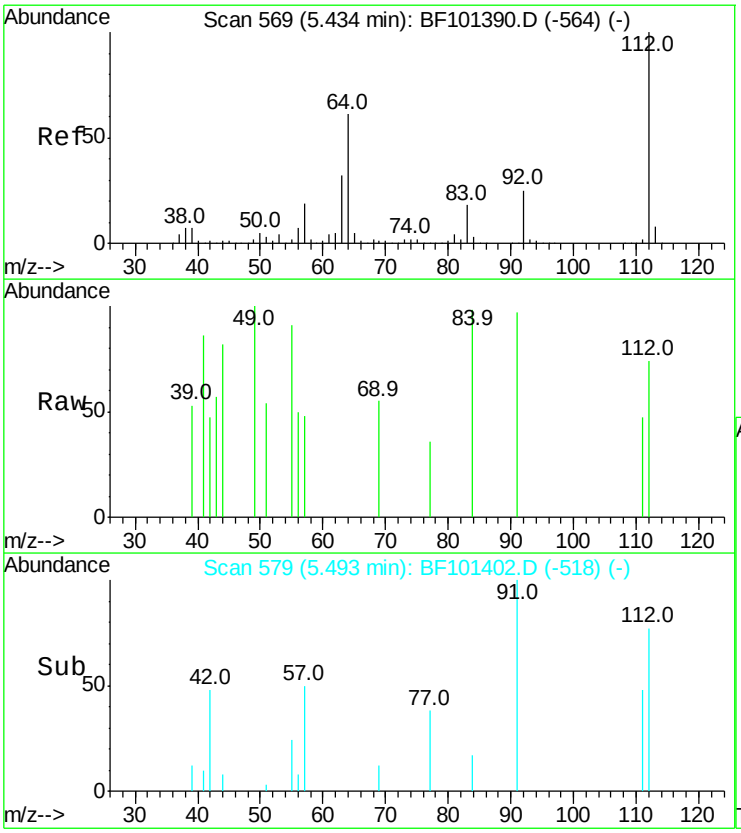
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 172698

Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.6	186.8
115	65.7	50.1	75.1

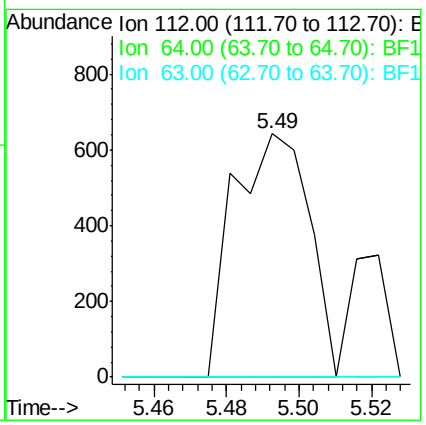


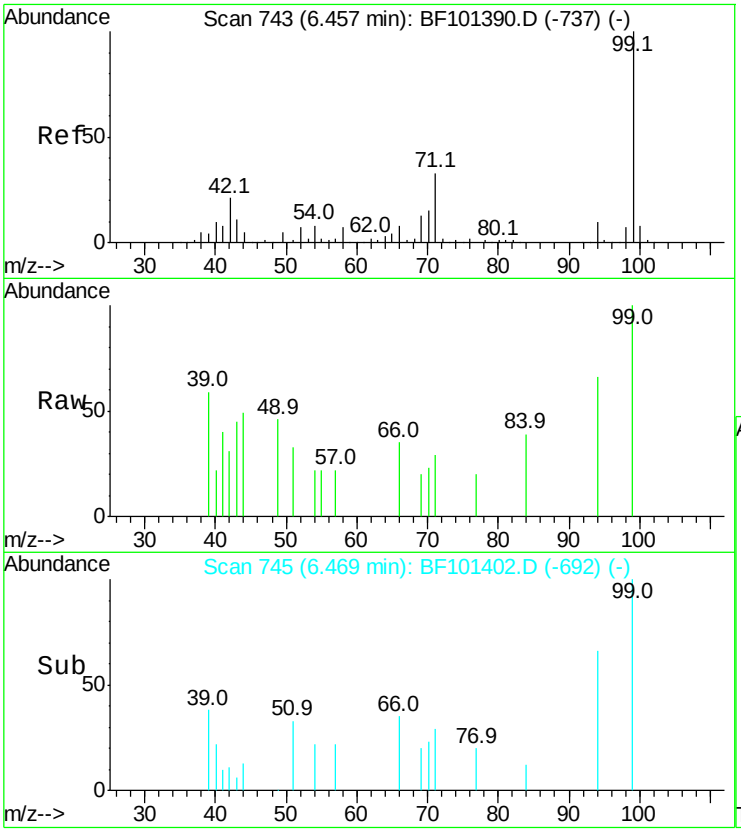


#5
2-Fluorophenol
Concen: 0.080 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.06 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Tgt Ion:112 Resp: 933

Ion	Ratio	Lower	Upper
112	100		
64	0.0	47.9	71.9#
63	0.0	23.7	35.5#



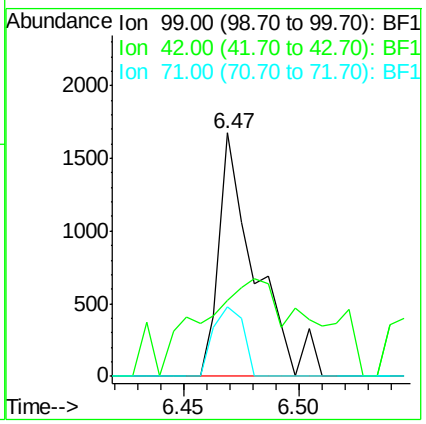


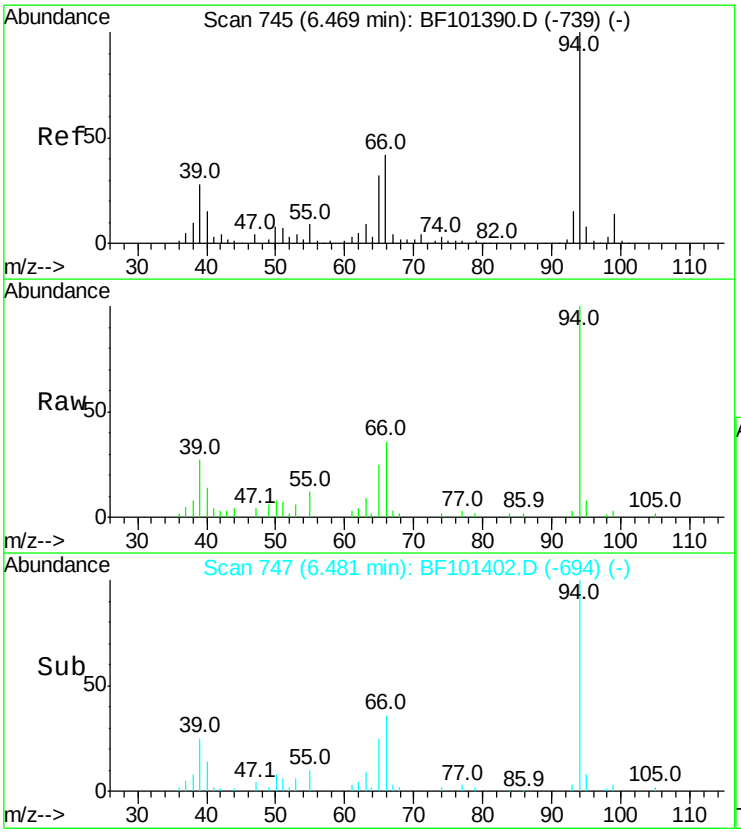
#7
Phenol-d6
Concen: 0.126 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1823

Ion	Ratio	Lower	Upper
99	100		
42	31.0	14.5	21.7#
71	28.5	25.4	38.0

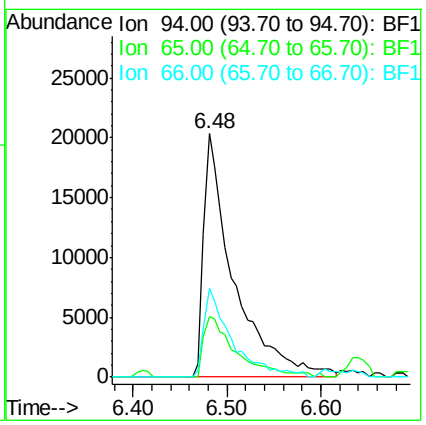


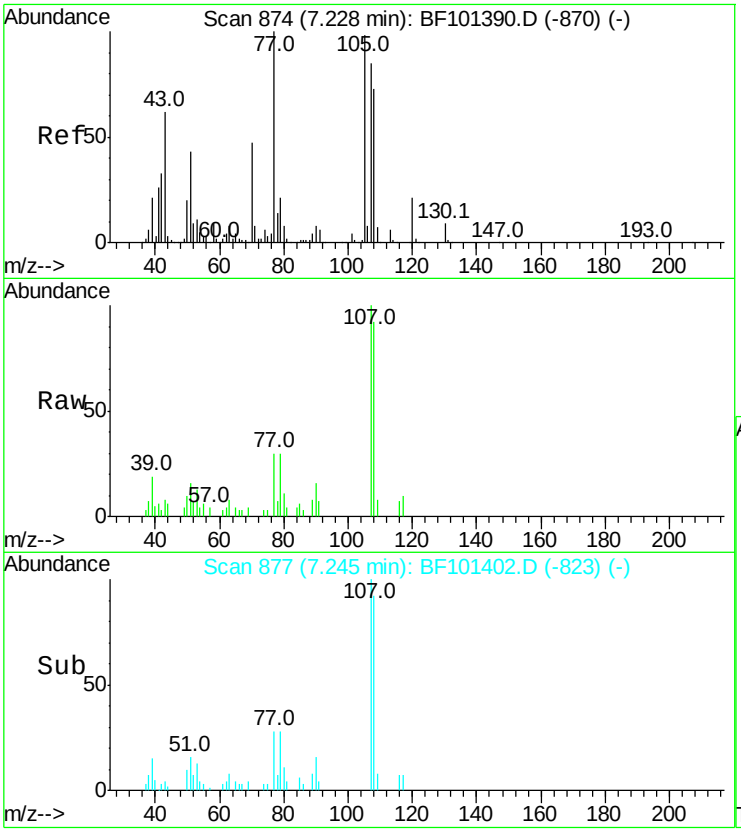


#10
Phenol
Concen: 2.768 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Tgt Ion: 94 Resp: 45523

Ion	Ratio	Lower	Upper
94	100		
65	24.7	7.9	47.9
66	36.5	16.2	56.2



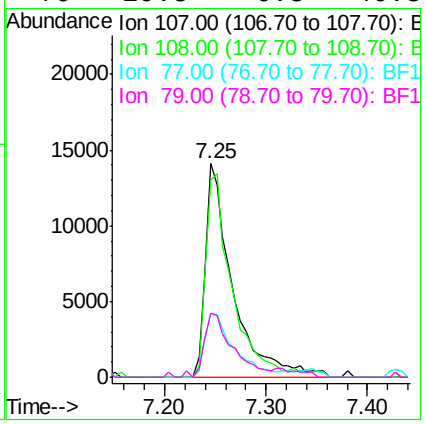


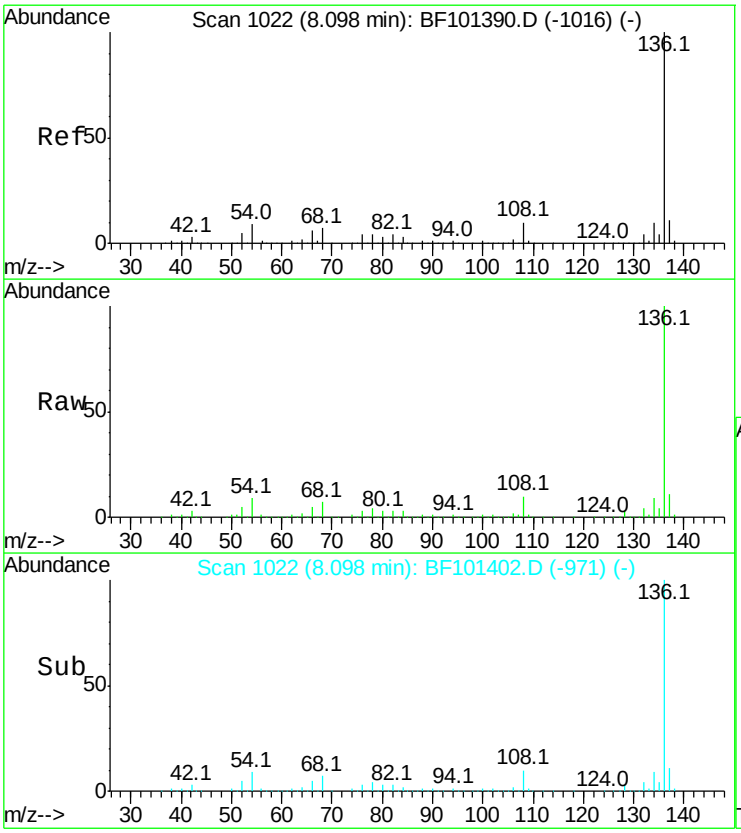
#20
3+4-Methylphenols
Concen: 2.209 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.02 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 26260

Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.2	108.2
77	30.0	26.7	66.7
79	29.8	6.3	46.3

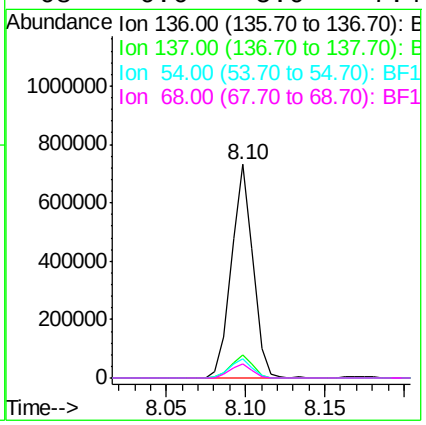


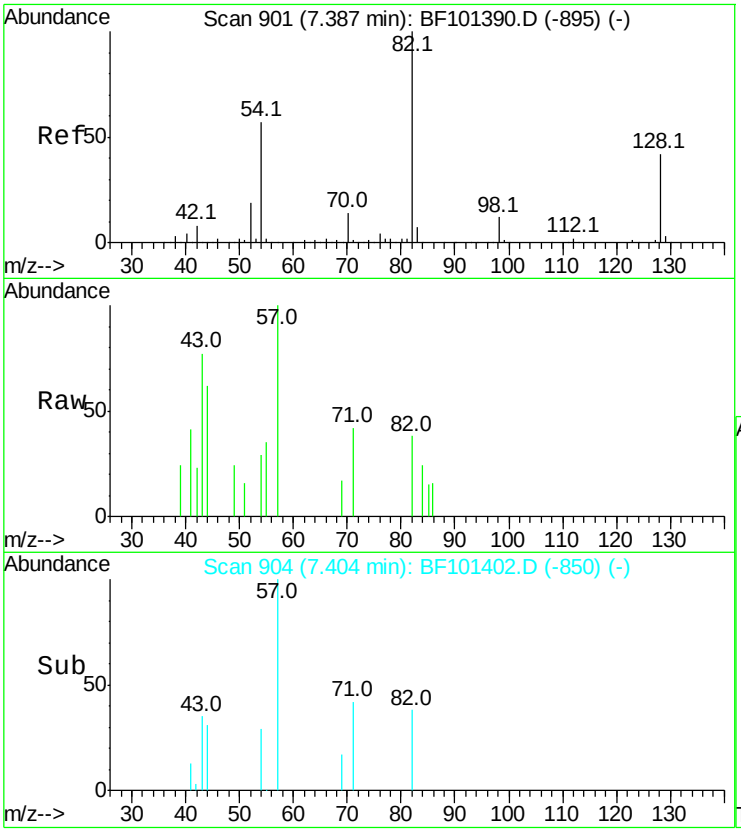


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Tgt Ion:136 Resp: 687167

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.1	6.6	9.8
68	6.6	5.0	7.4



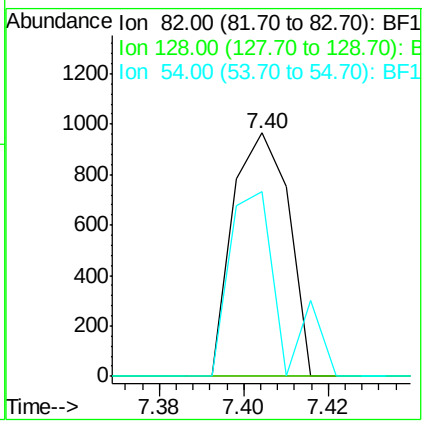


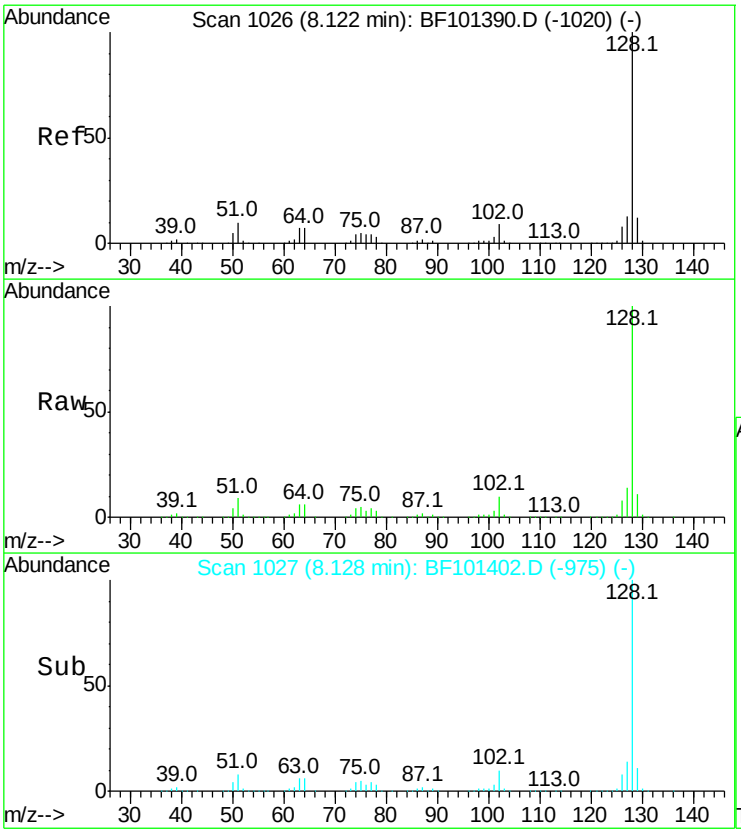
#23
Nitrobenzene-d5
Concen: 0.072 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.02 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 883

Ion	Ratio	Lower	Upper
82	100		
128	0.0	36.1	54.1#
54	76.1	41.4	62.2#

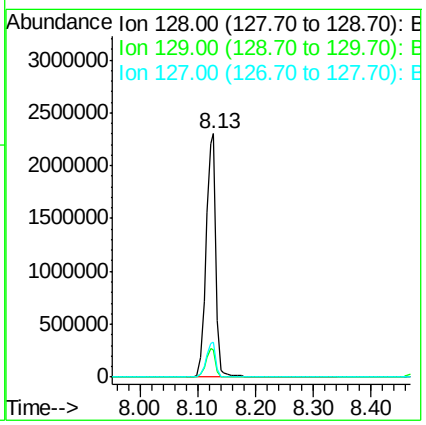


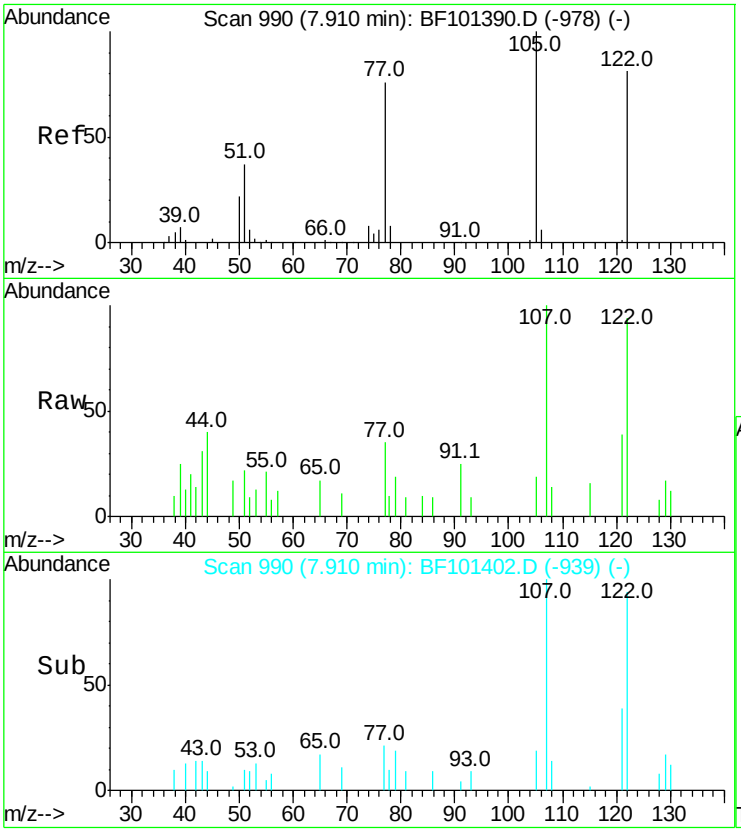


#31
Naphthalene
Concen: 79.260 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Tgt Ion:128 Resp: 2741948

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	14.2	10.9	16.3



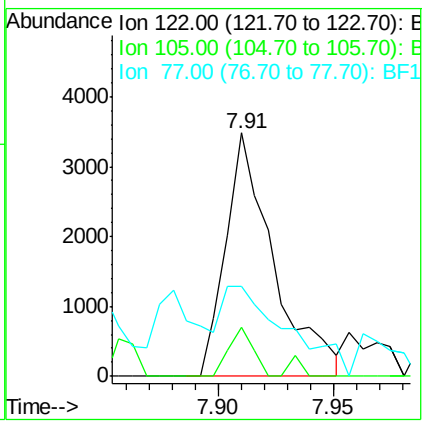


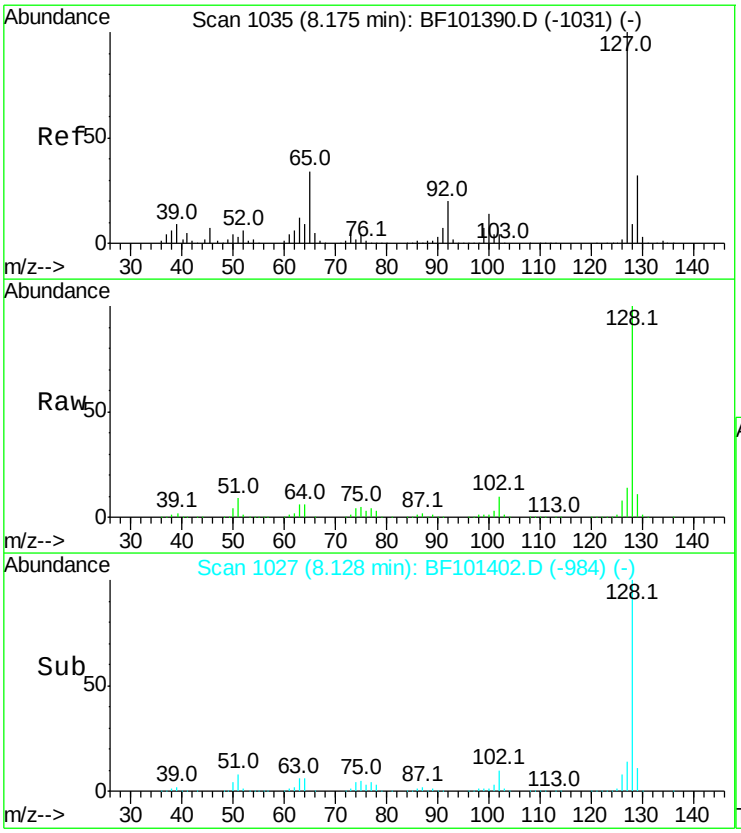
#32
Benzoic acid
Concen: 8.587 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 5040

Ion	Ratio	Lower	Upper
122	100		
105	20.0	101.1	141.1#
77	36.9	70.7	110.7#

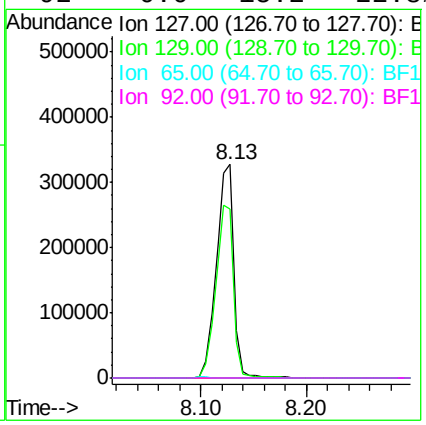


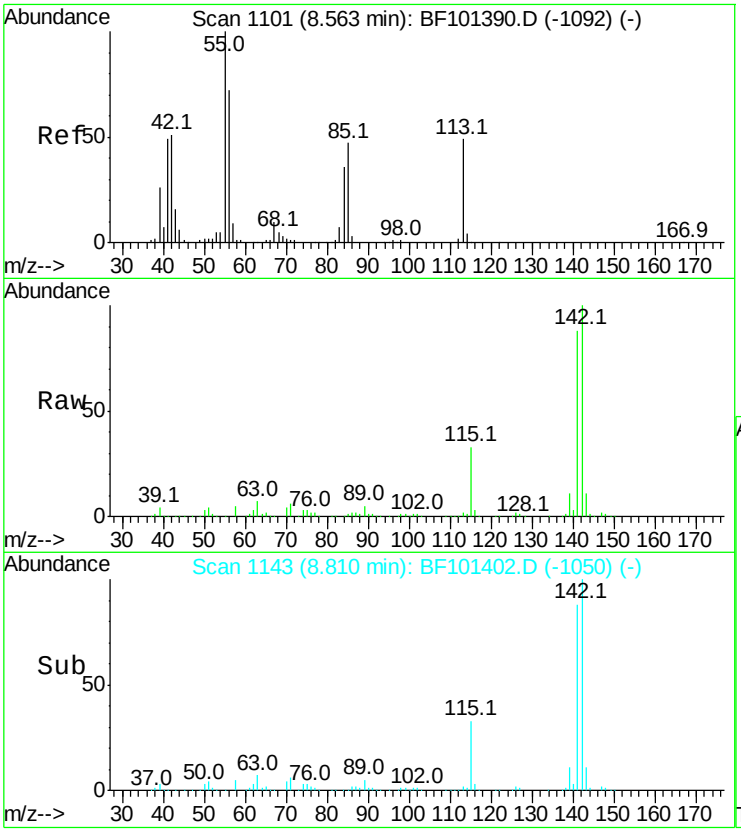


#33
4-Chloroaniline
Concen: 25.313 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.05 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Tgt Ion:127 Resp: 380611

Ion	Ratio	Lower	Upper
127	100		
129	78.9	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



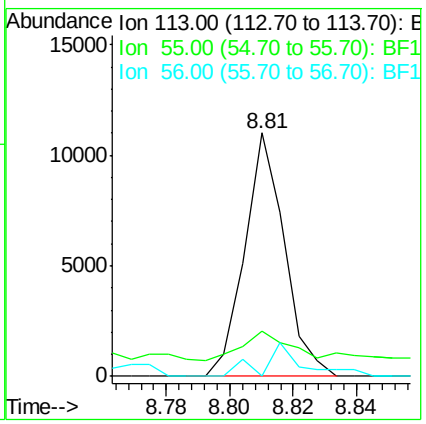


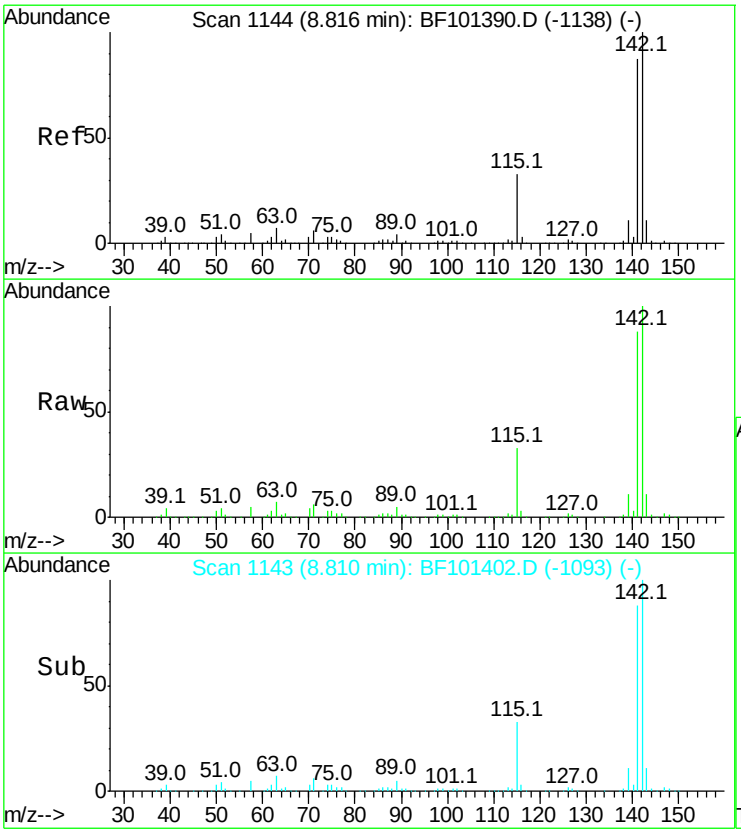
#35
Caprolactam
Concen: 2.805 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.25 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 9596

Ion	Ratio	Lower	Upper
113	100		
55	18.5	163.3	203.3#
56	0.0	115.7	155.7#

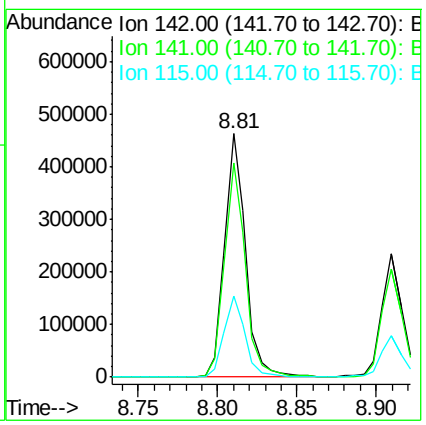


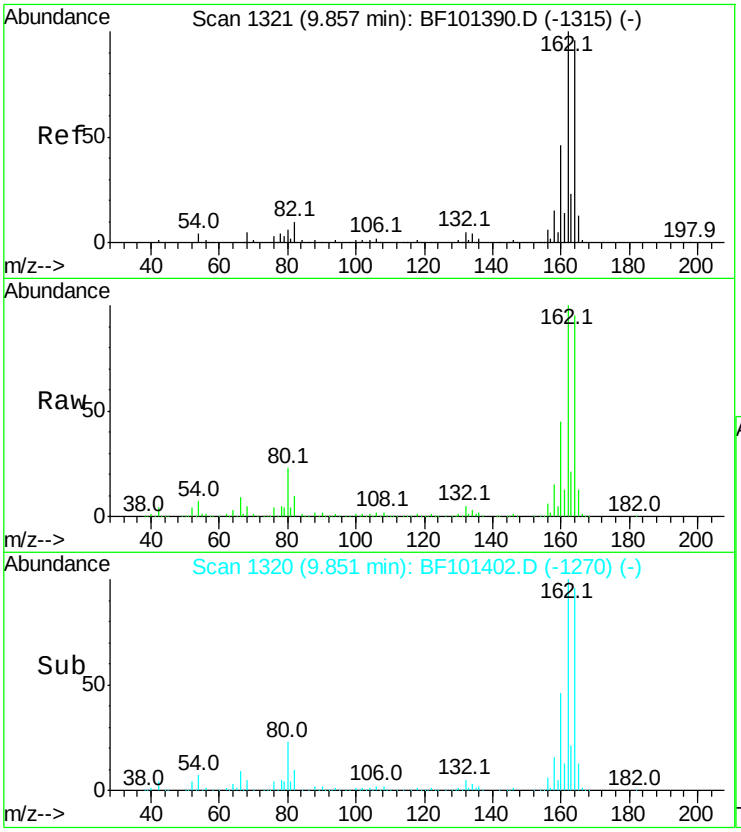


#37
2-Methylnaphthalene
Concen: 18.836 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Tgt Ion:142 Resp: 424555

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	33.3	26.1	39.1



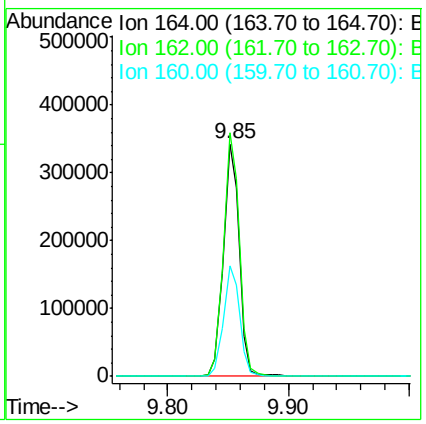


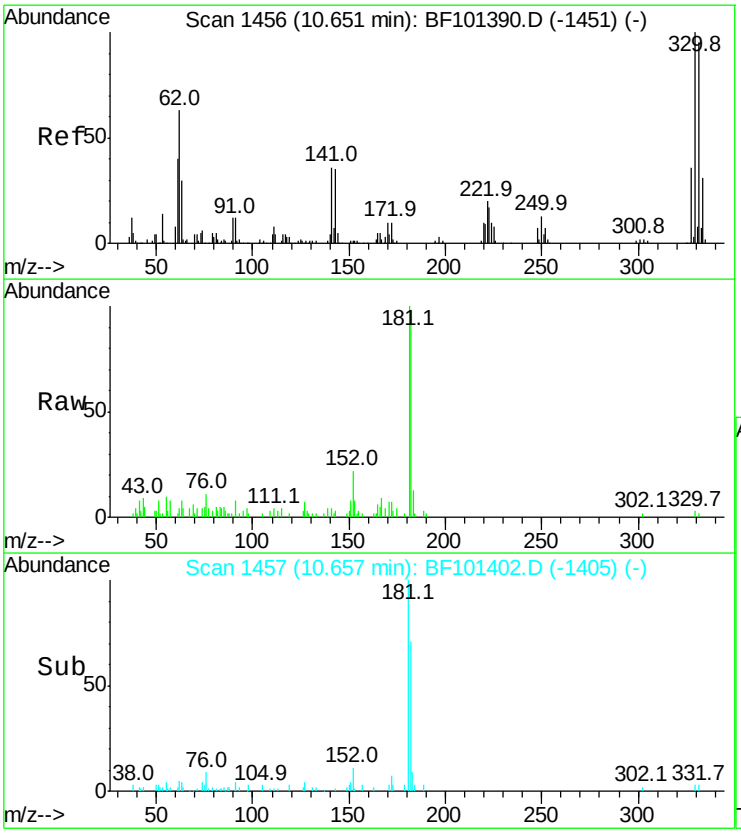
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 310519

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	47.5	38.3	57.5

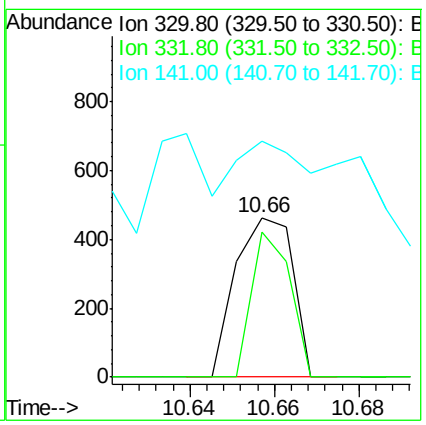


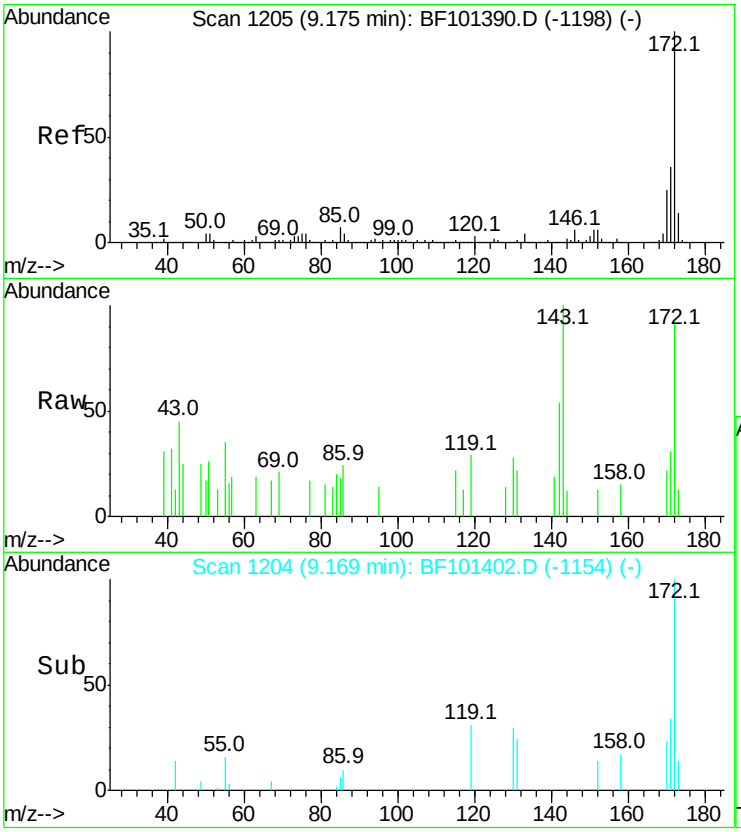


#41
2,4,6-Tribromophenol
Concen: 0.146 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Tgt Ion:330 Resp: 436

Ion	Ratio	Lower	Upper
330	100		
332	61.2	77.0	115.6#
141	305.3	29.9	44.9#



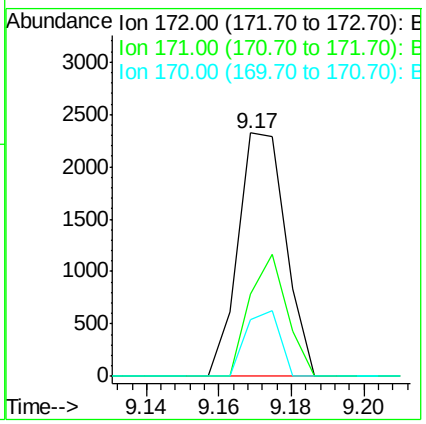


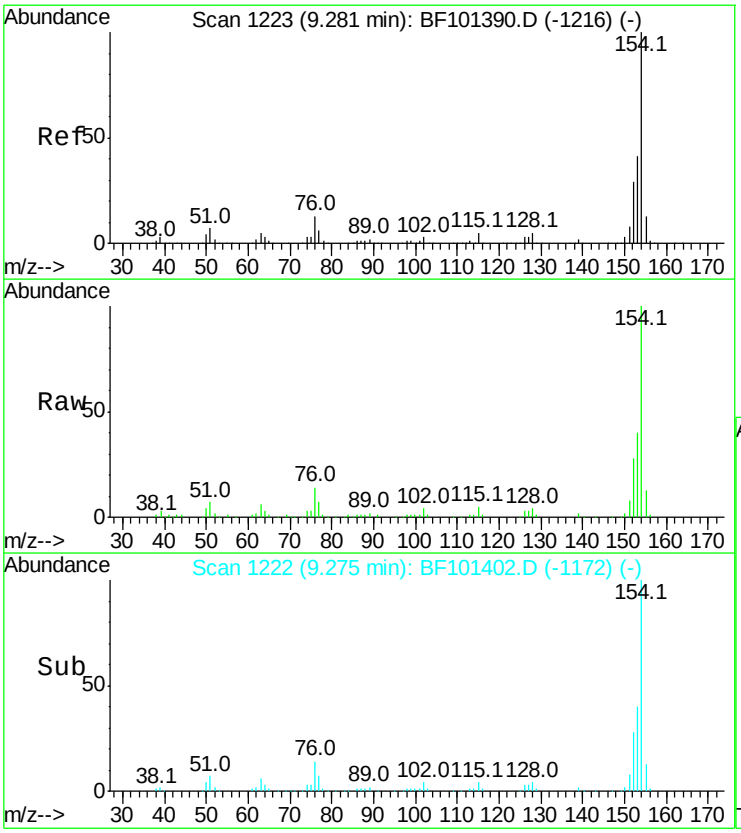
#44
2-Fluorobiphenyl
Concen: 0.107 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2138

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.7	44.5
170	23.3	19.6	29.4

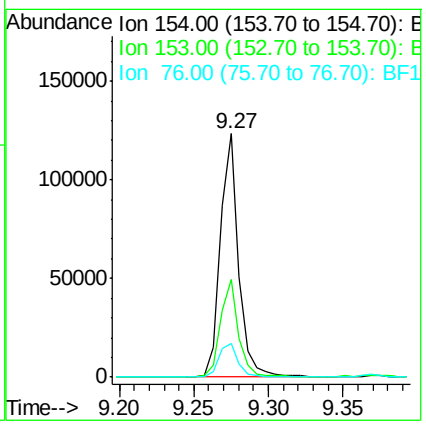


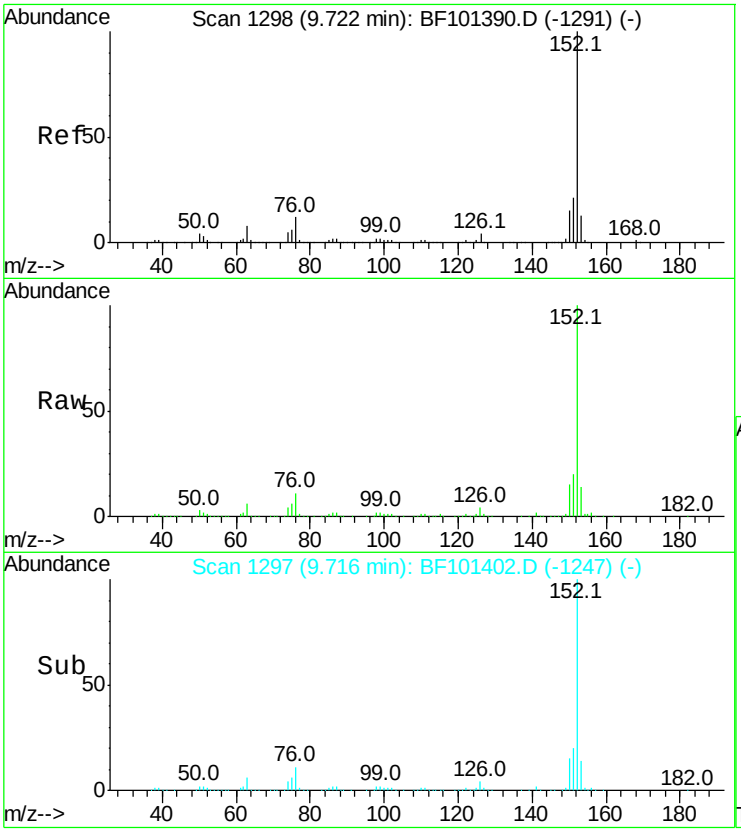


#45
1,1'-Biphenyl
Concen: 3.892 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Tgt Ion:154 Resp: 107185

Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	13.9	0.0	34.0



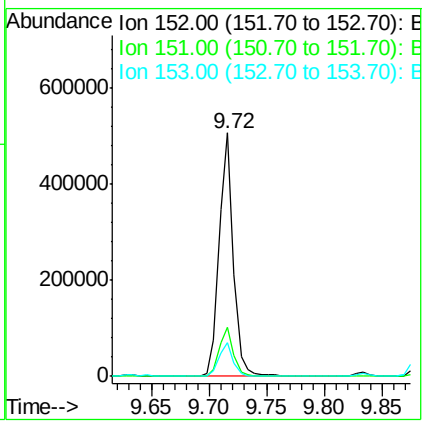


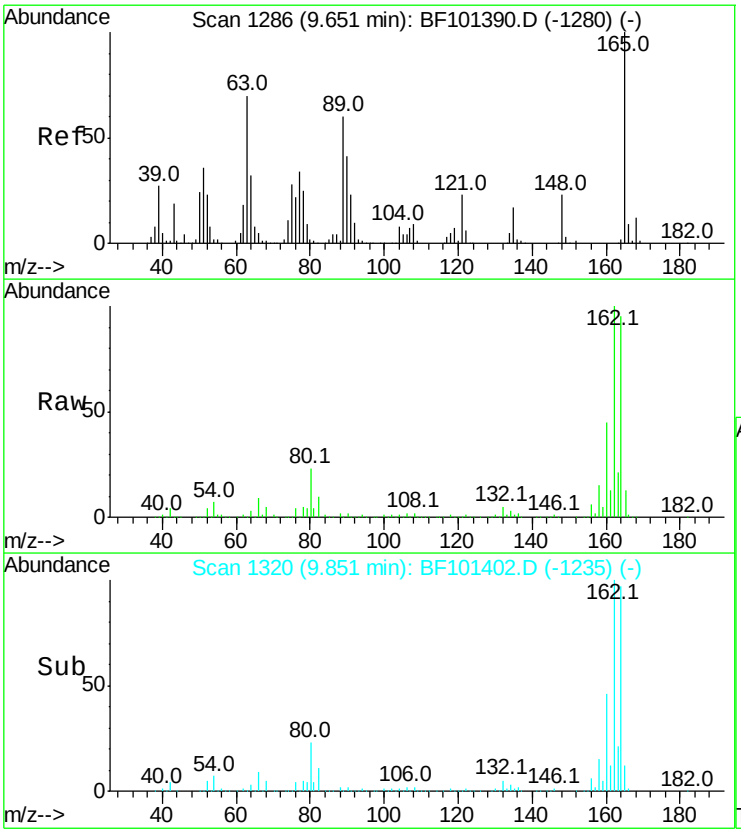
#48
Acenaphthylene
Concen: 13.034 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 433784

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.6	10.7	16.1

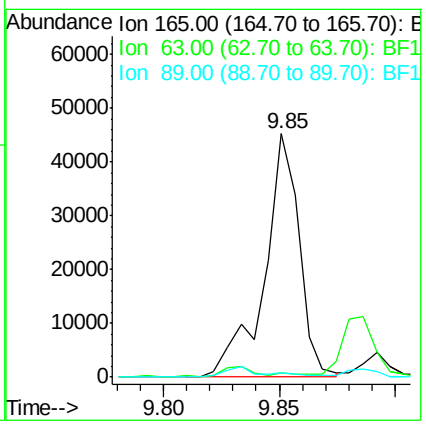


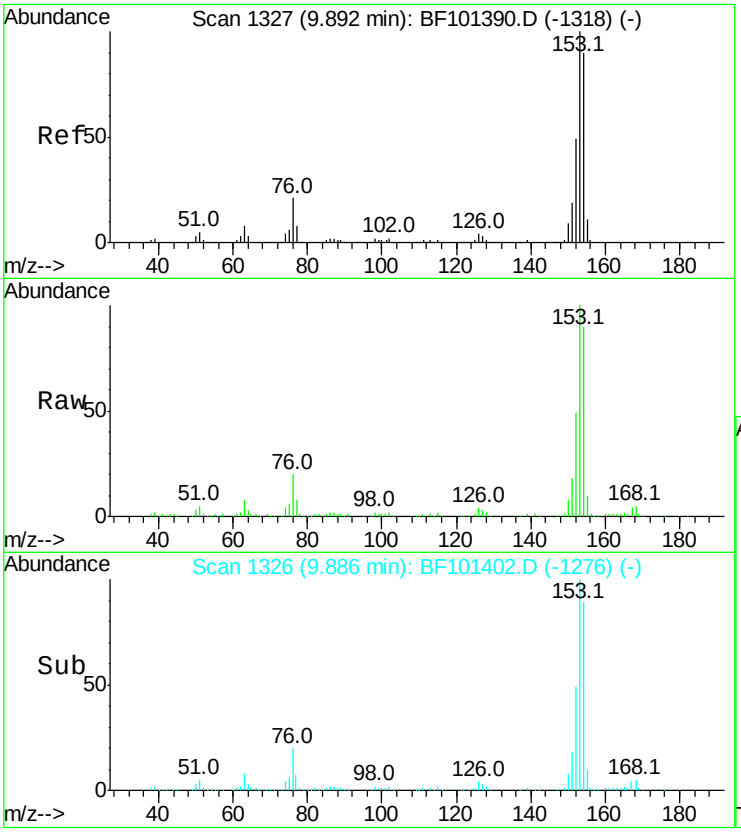


#50
2,6-Dinitrotoluene
Concen: 9.303 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.20 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Tgt Ion:165 Resp: 47225

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	1.6	44.0	66.0#



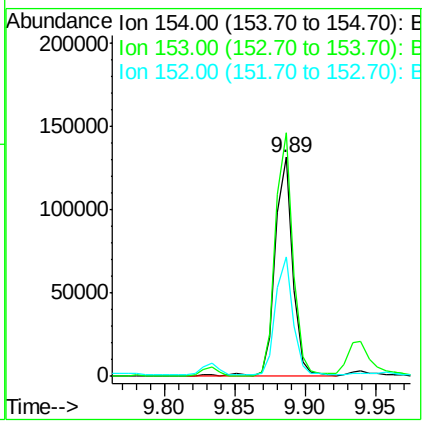


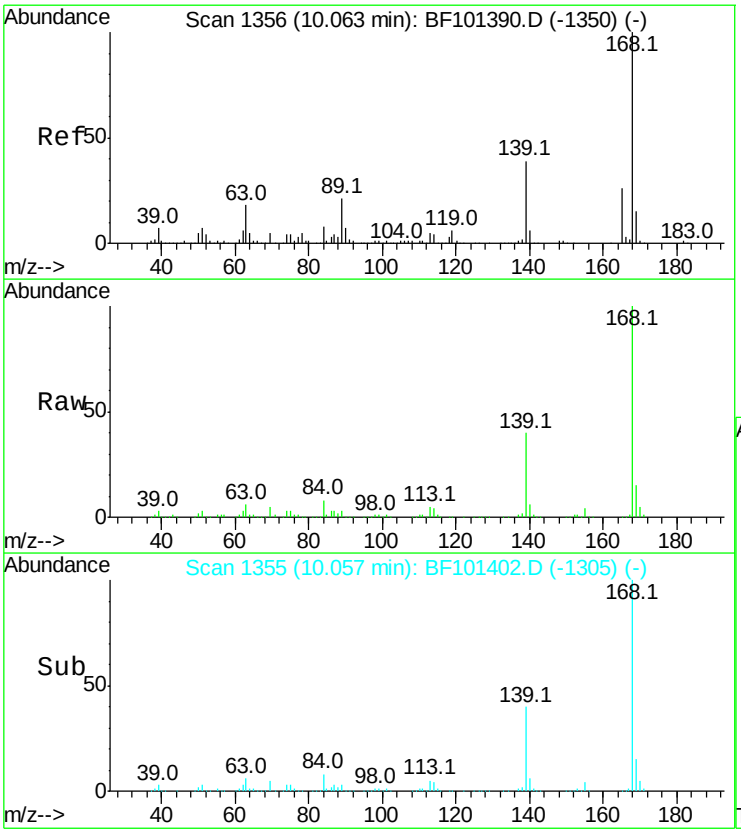
#51
Acenaphthene
Concen: 5.784 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 115647

Ion	Ratio	Lower	Upper
154	100		
153	111.1	91.2	136.8
152	54.7	43.8	65.8

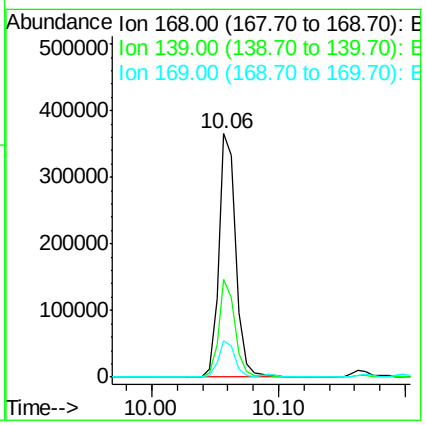


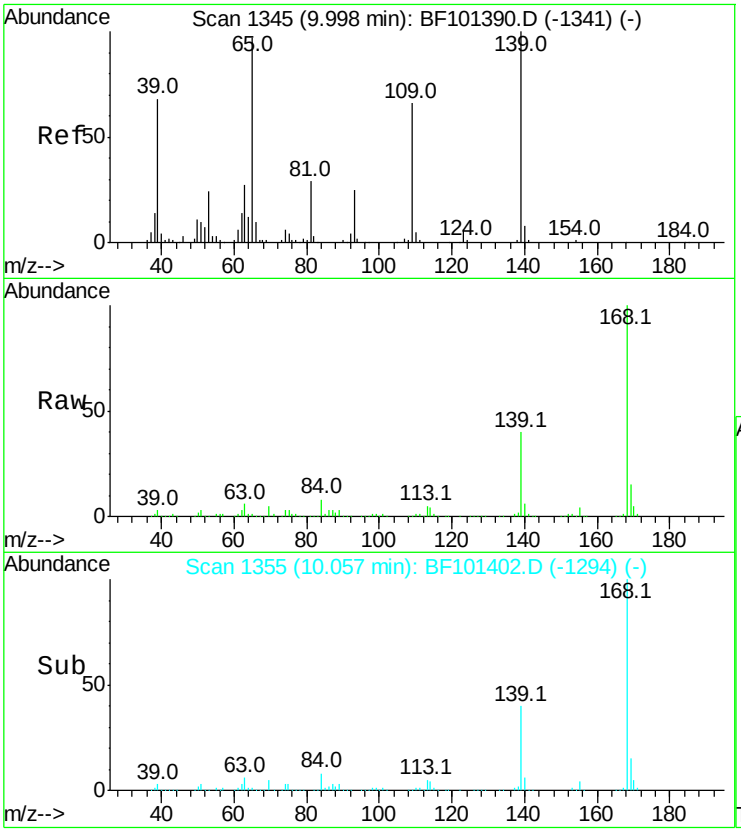


#54
Dibenzofuran
Concen: 13.365 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Tgt Ion:168 Resp: 339615

Ion	Ratio	Lower	Upper
168	100		
139	40.0	30.1	45.1
169	14.7	10.9	16.3



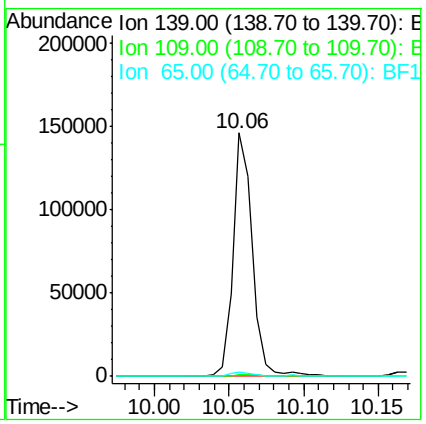


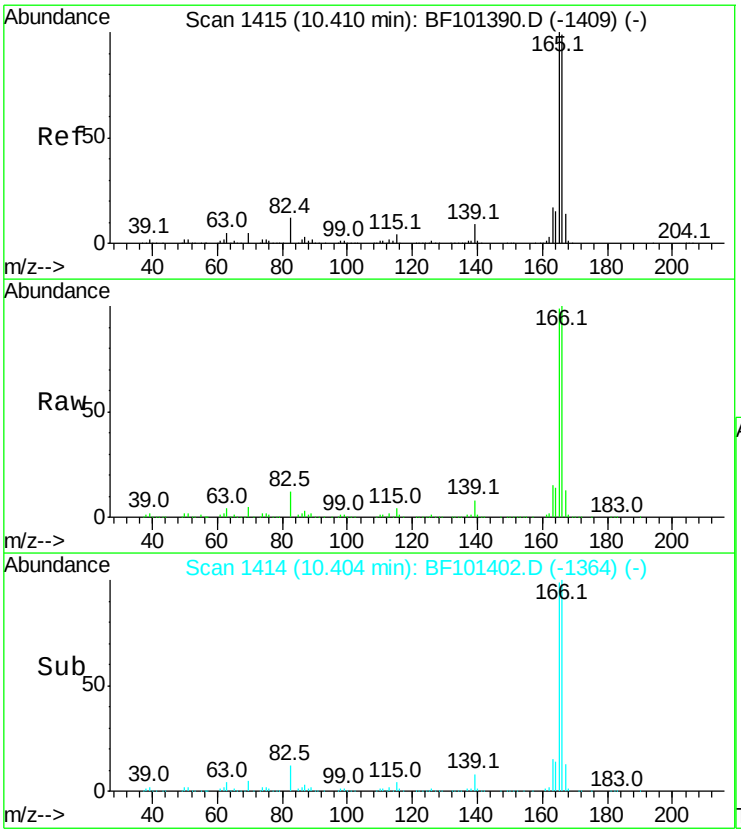
#55
4-Nitrophenol
Concen: 48.090 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.06 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 132715

Ion	Ratio	Lower	Upper
139	100		
109	0.8	48.4	88.4#
65	2.0	72.6	112.6#

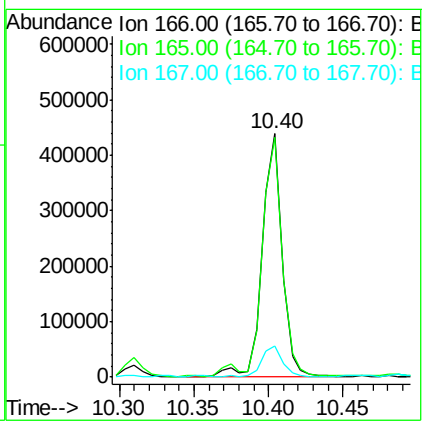


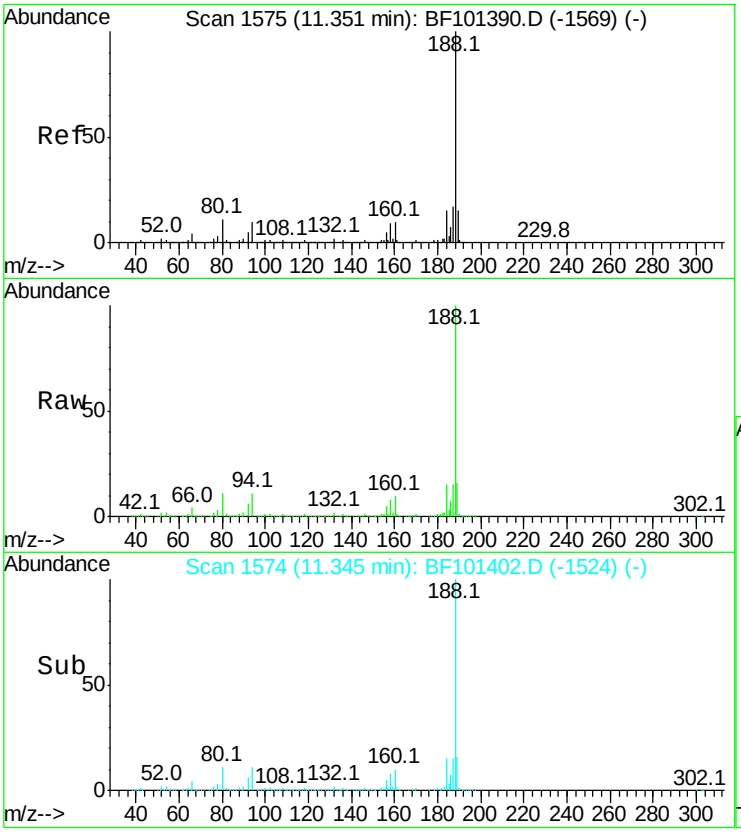


#57
Fluorene
Concen: 18.606 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Tgt Ion:166 Resp: 399961

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	12.9	10.6	16.0



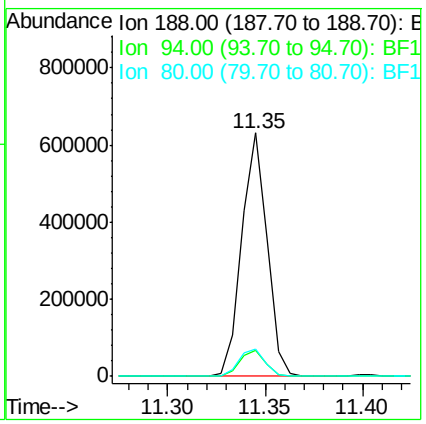


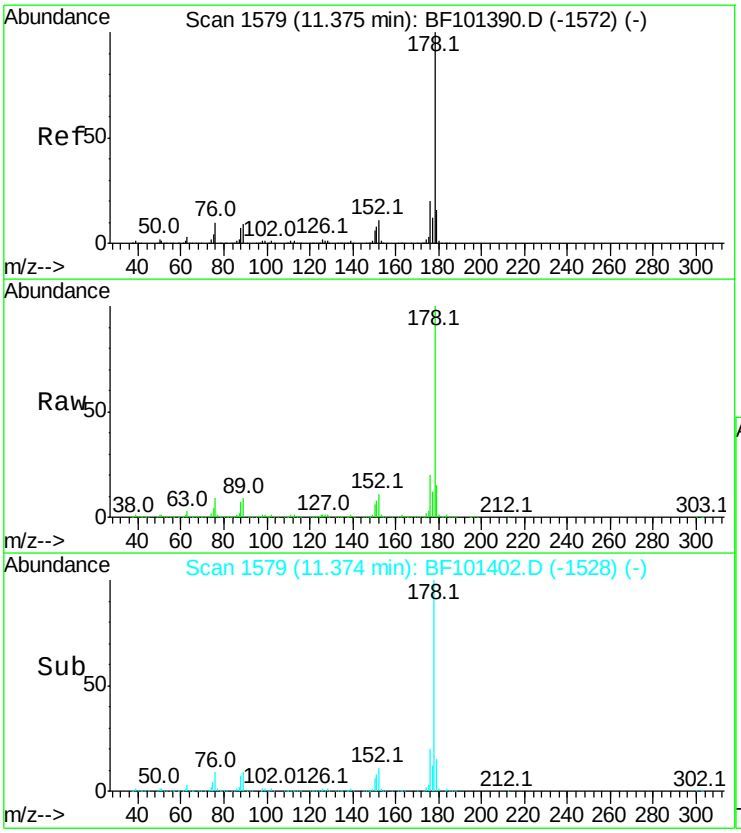
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 568279

Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.2	9.2	13.8

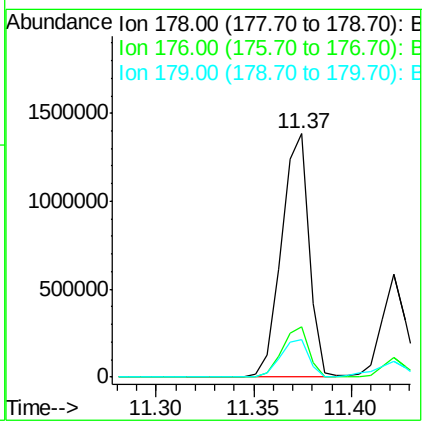


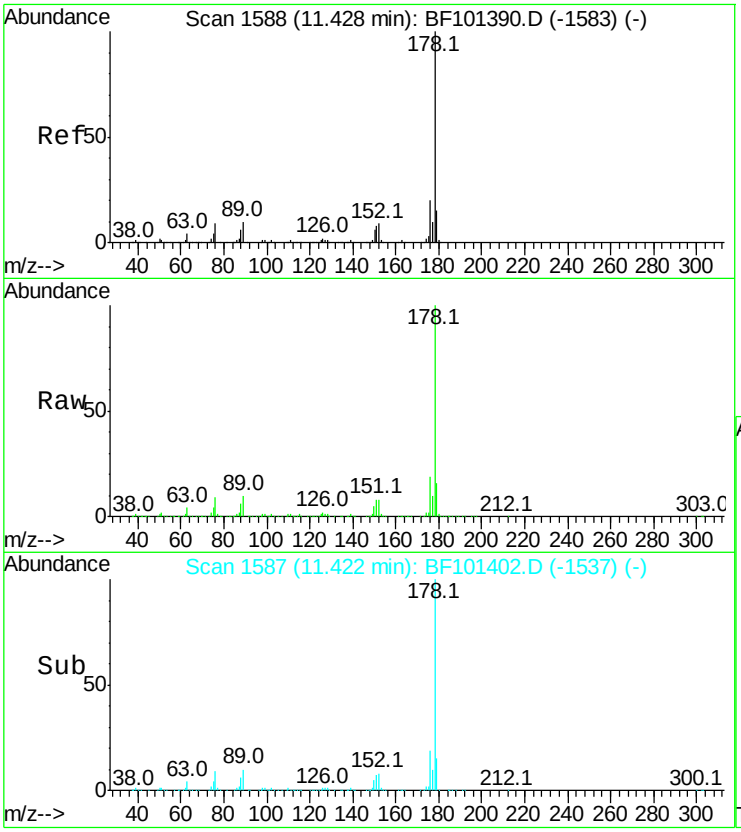


#70
Phenanthrene
Concen: 42.752 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Tgt Ion:178 Resp: 1351082

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	15.5	13.0	19.6



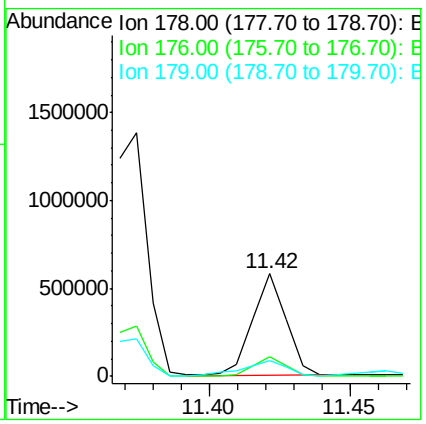


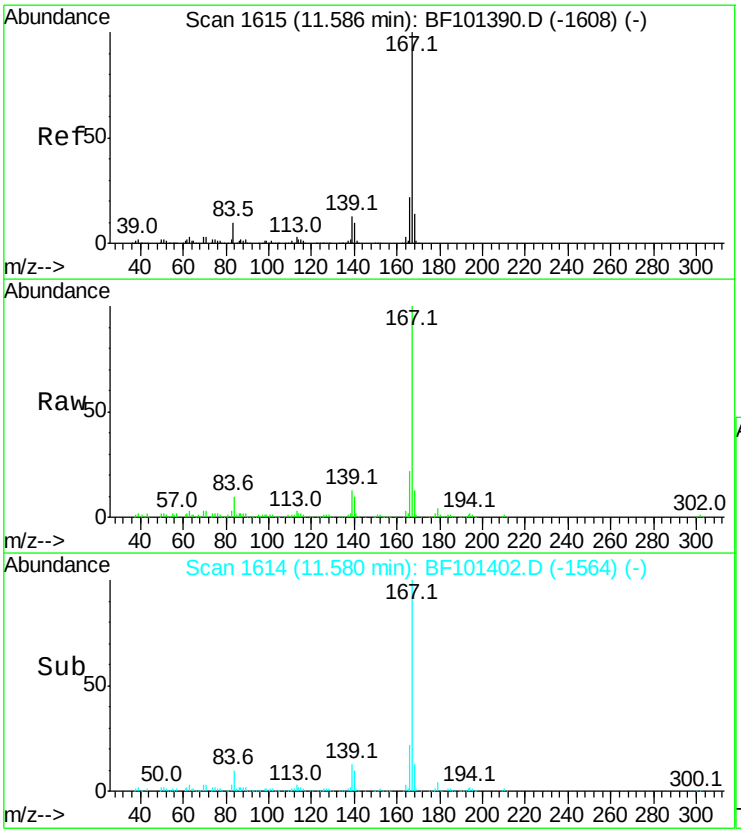
#71
Anthracene
Concen: 14.830 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 478721

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.7	12.6	19.0

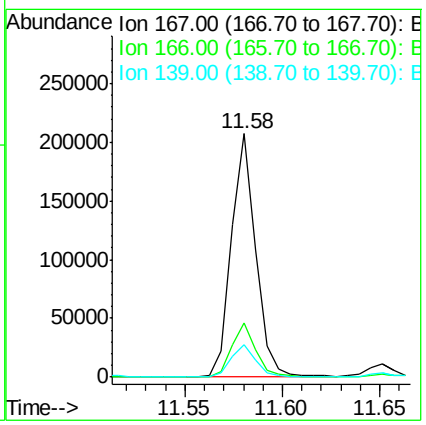


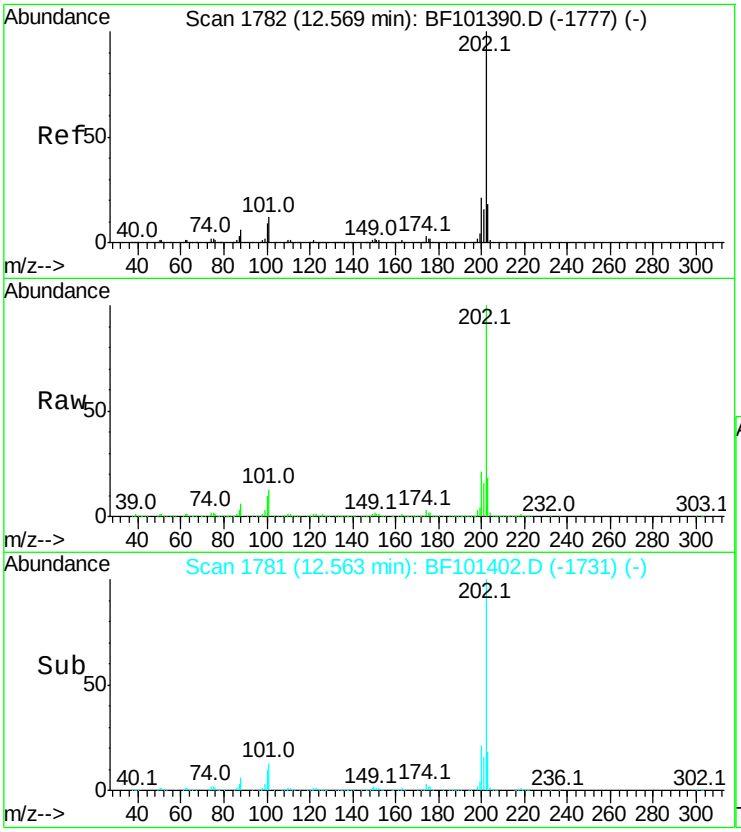


#72
Carbazole
Concen: 5.894 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Tgt Ion:167 Resp: 178142

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.2	10.9	16.3



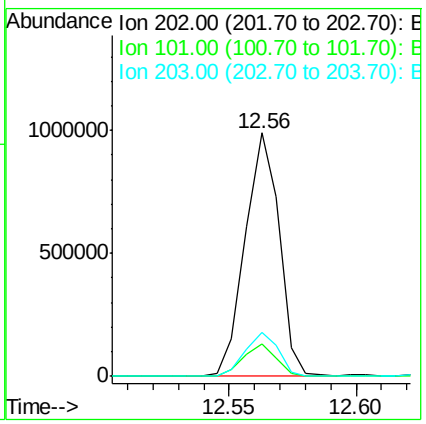


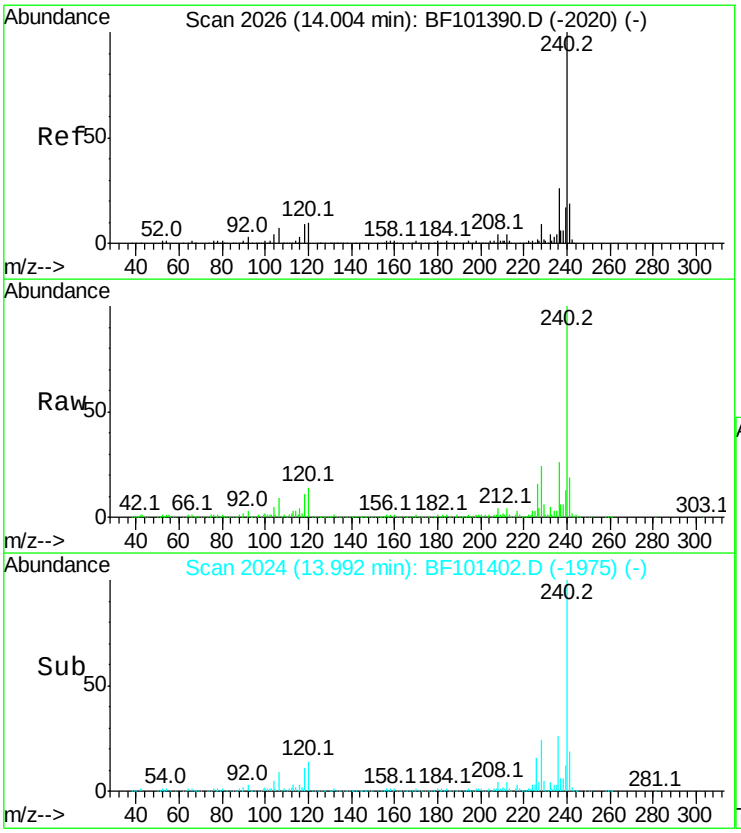
#74
Fluoranthene
Concen: 27.909 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 925801

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.1
203	18.0	0.0	38.1

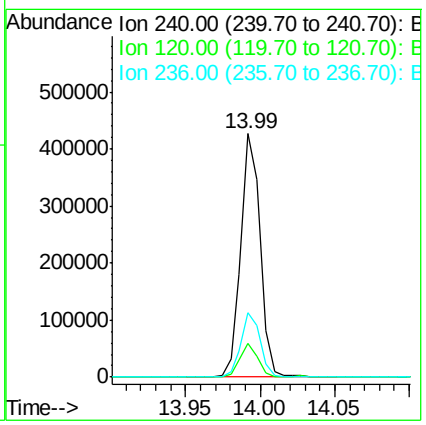


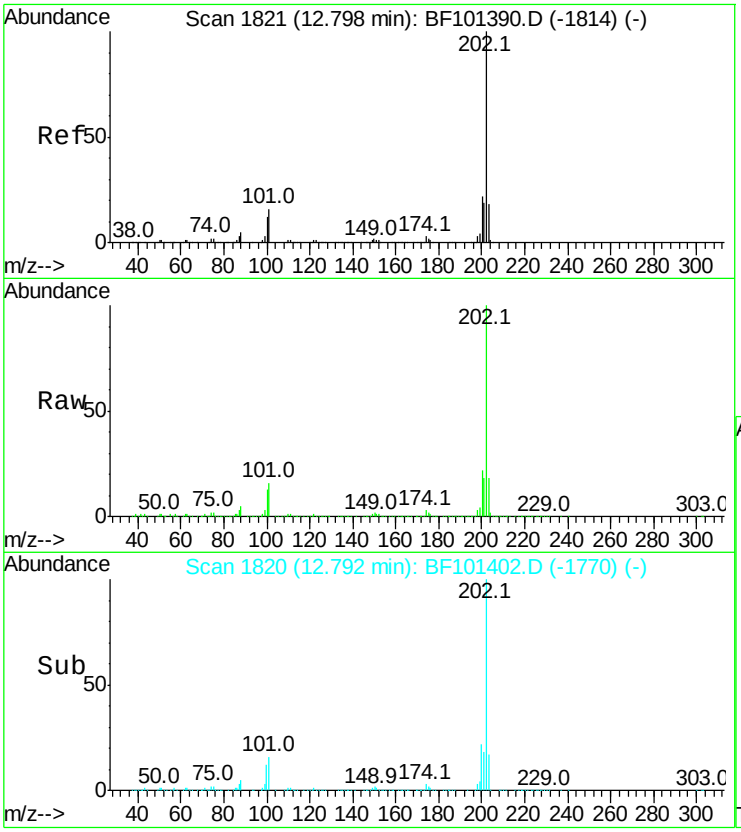


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Tgt Ion:240 Resp: 385269

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	26.3	20.7	31.1



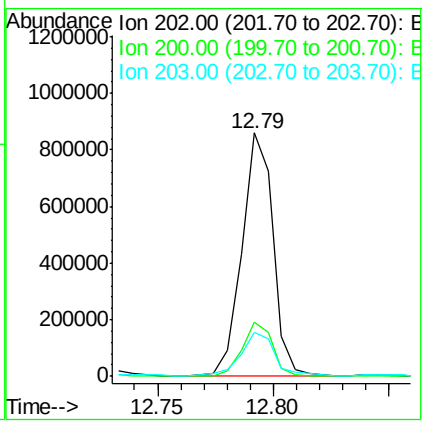


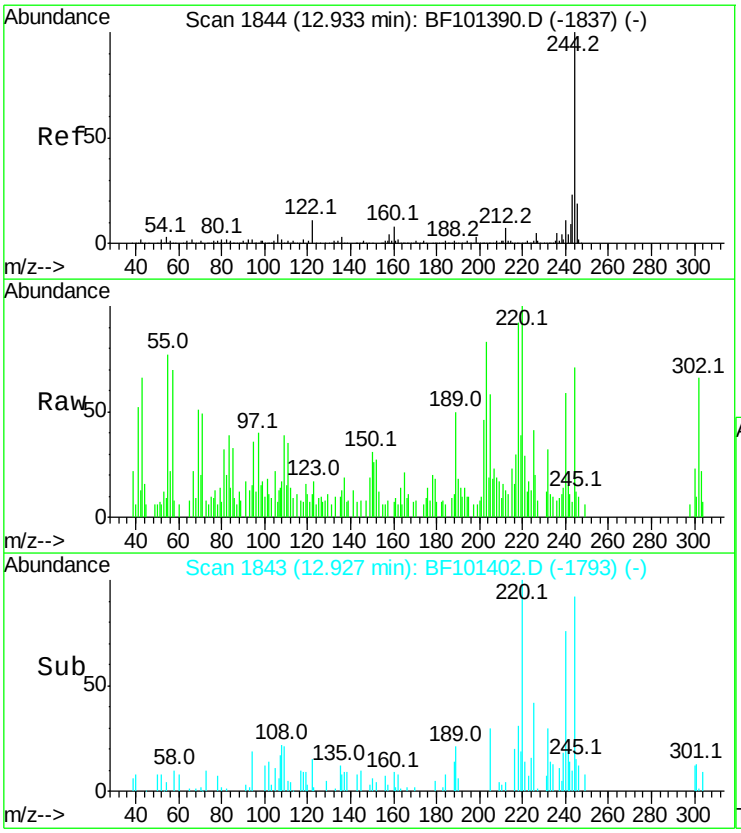
#77
Pyrene
Concen: 27.902 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 806781

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	17.9	14.3	21.5

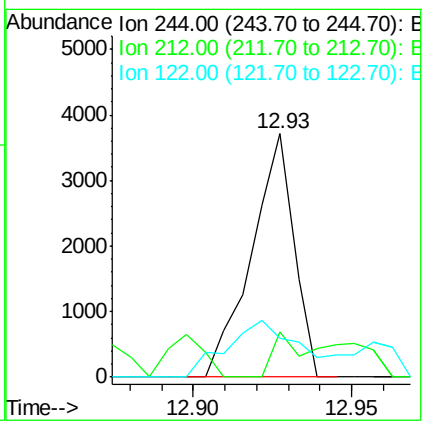


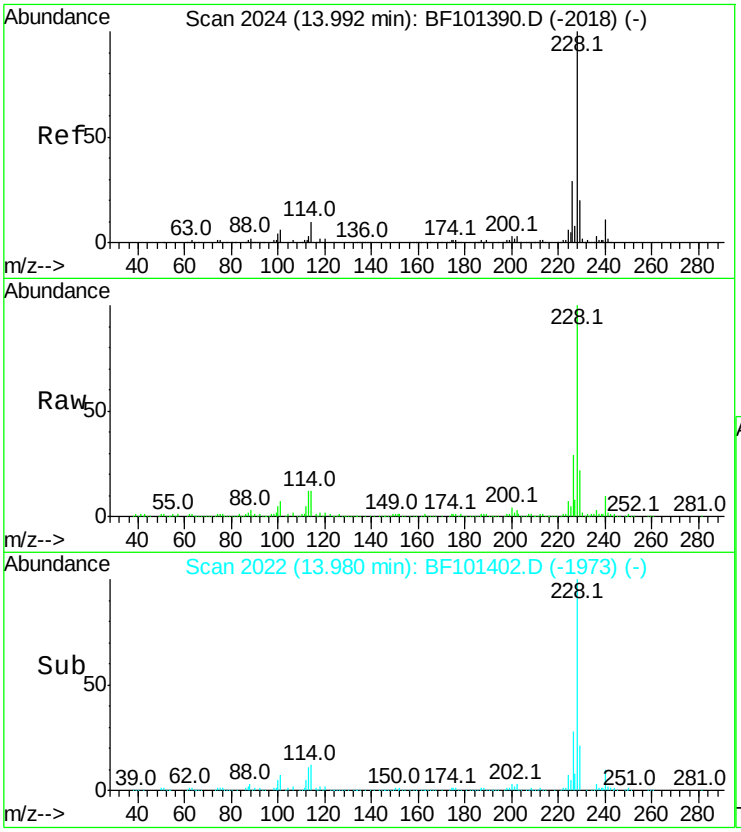


#78
Terphenyl-d14
Concen: 0.216 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Tgt Ion:244 Resp: 3458

Ion	Ratio	Lower	Upper
244	100		
212	18.5	5.4	8.0#
122	15.9	11.0	16.4



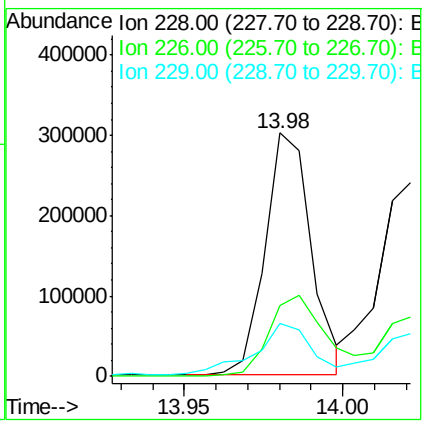


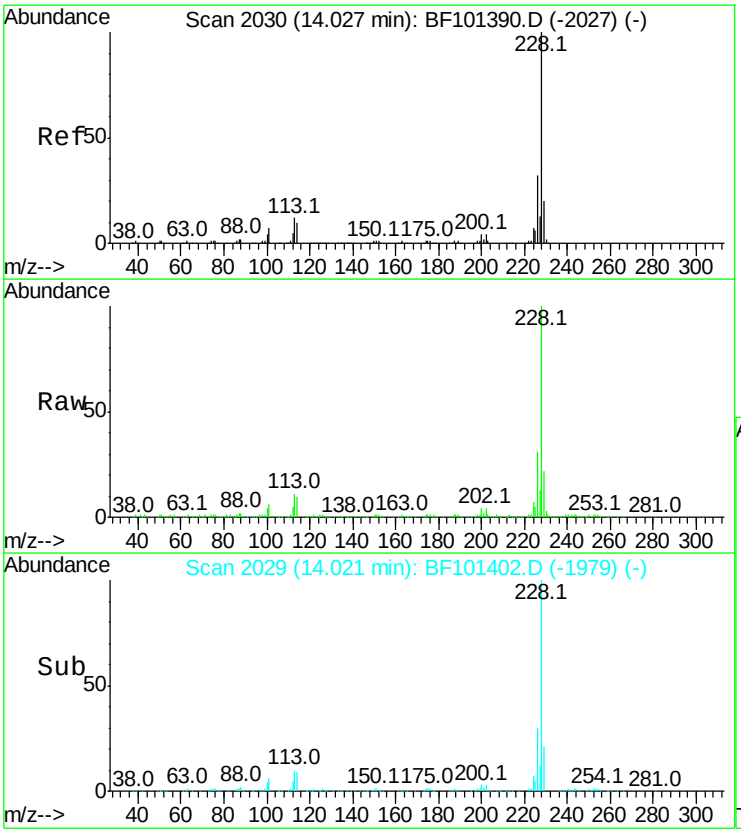
#80
Benzo(a)anthracene
Concen: 12.061 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 306836

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	21.6	15.8	23.6

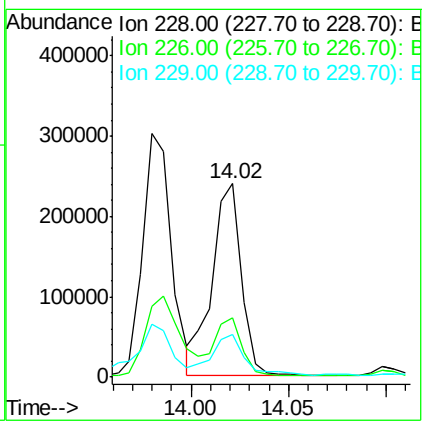


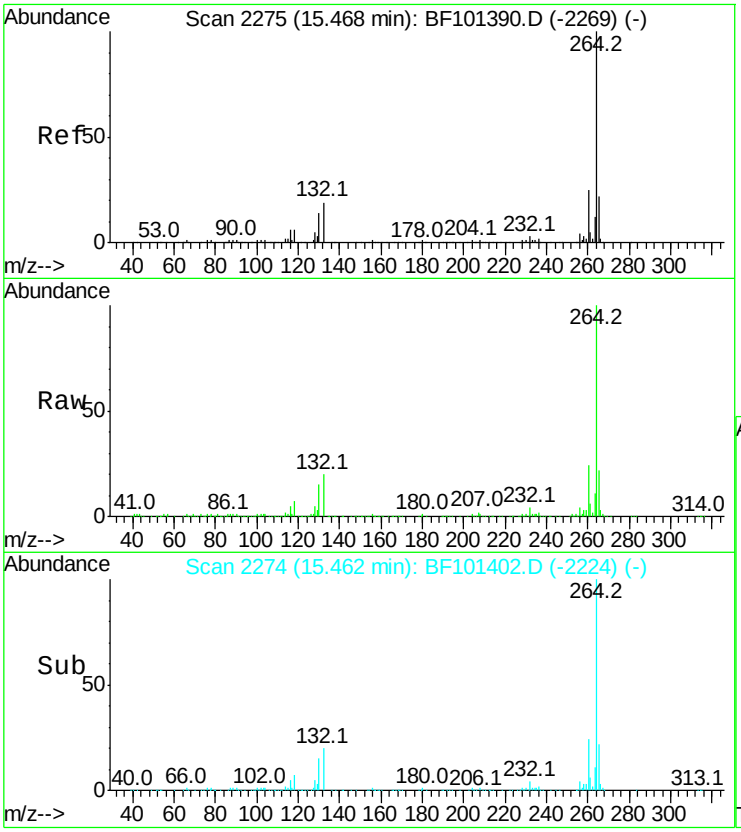


#82
Chrysene
Concen: 10.394 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Tgt Ion:228 Resp: 249657

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	22.3	16.2	24.4



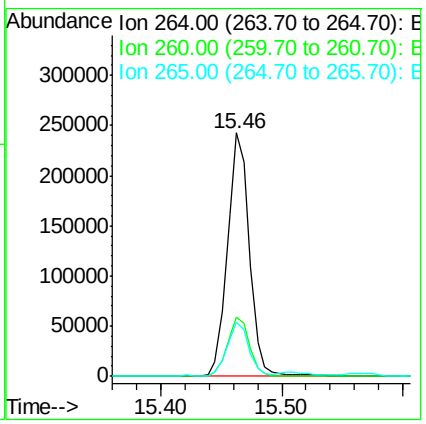


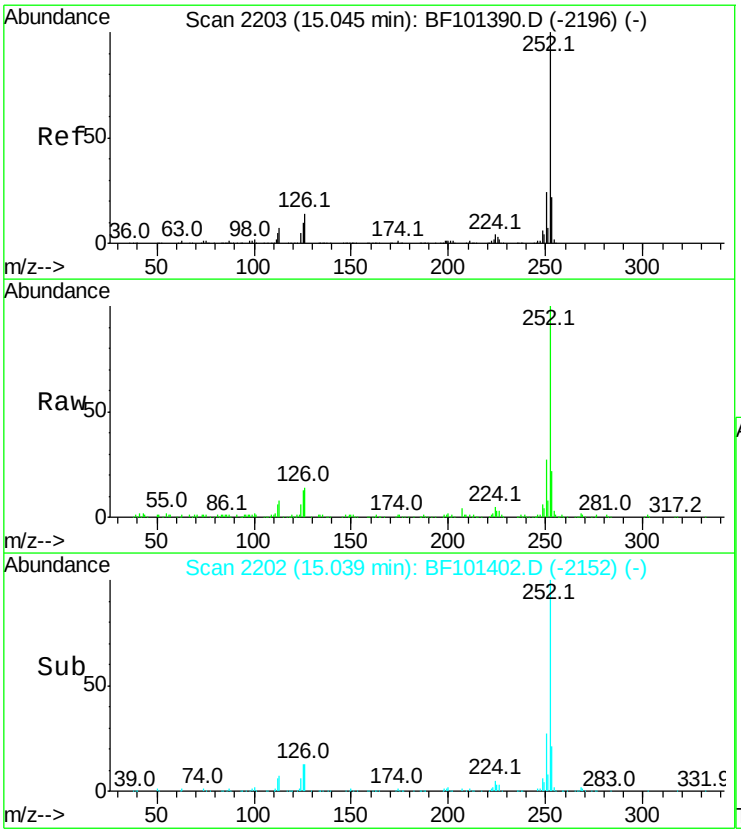
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 304006

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.0	17.5	26.3

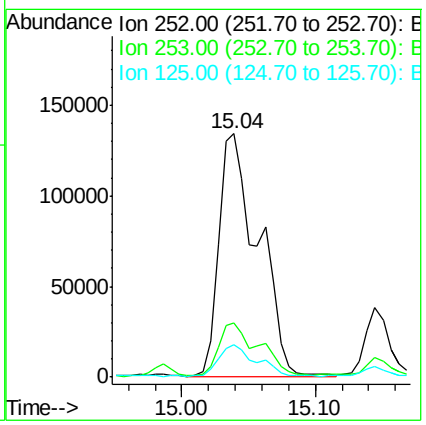


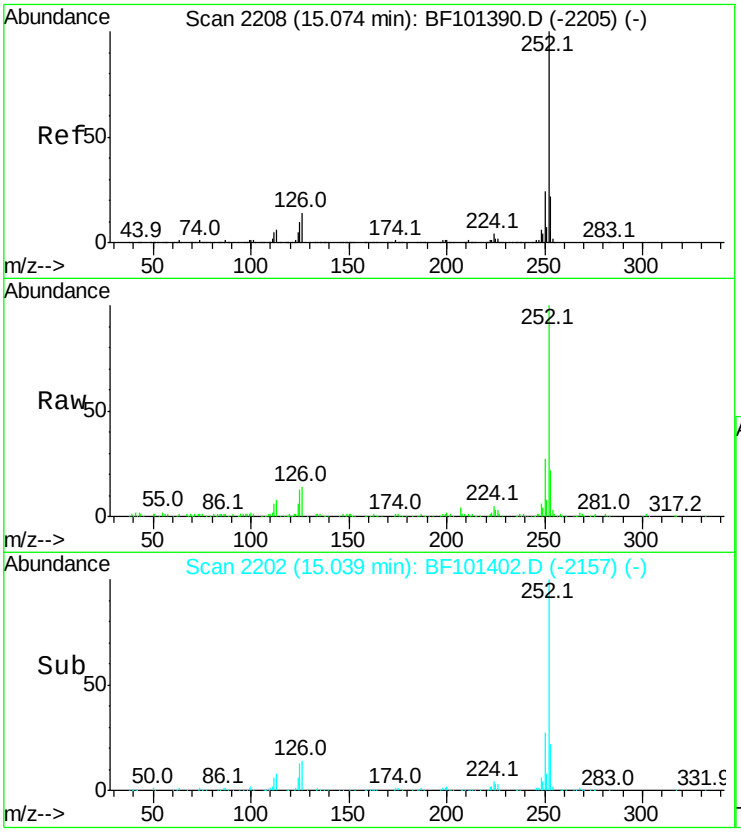


#87
Benzo(b)fluoranthene
Concen: 14.759 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Tgt Ion:252 Resp: 273477

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	13.3	9.0	13.6



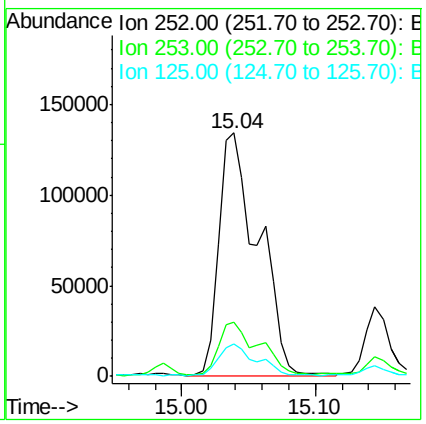


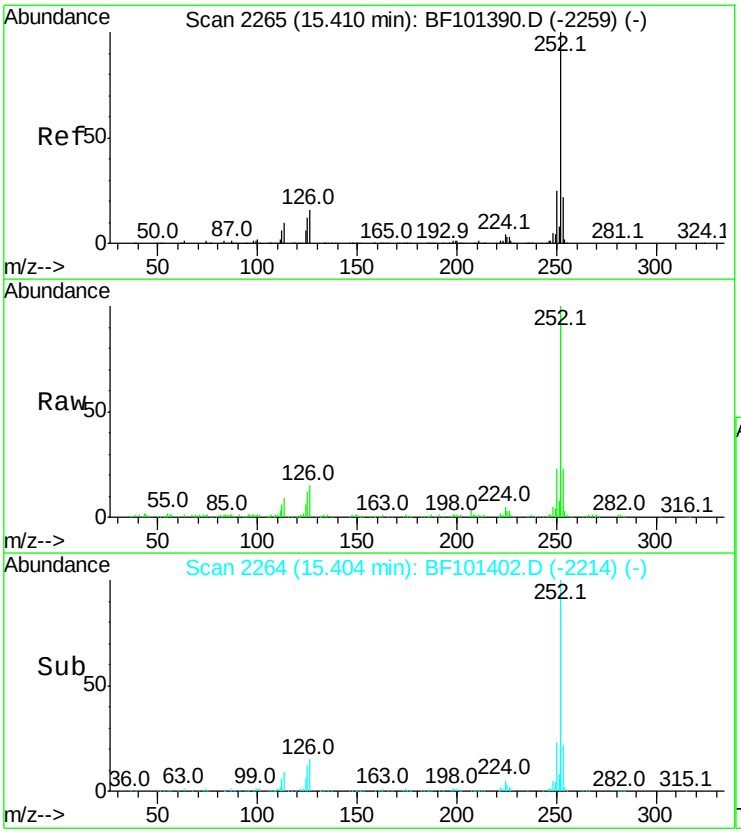
#88
Benzo(k)fluoranthene
Concen: 15.180 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 273477

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	13.3	10.2	15.2

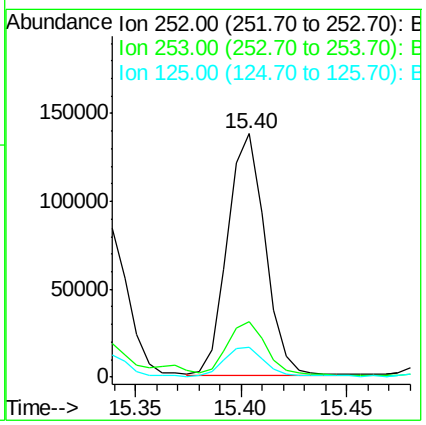


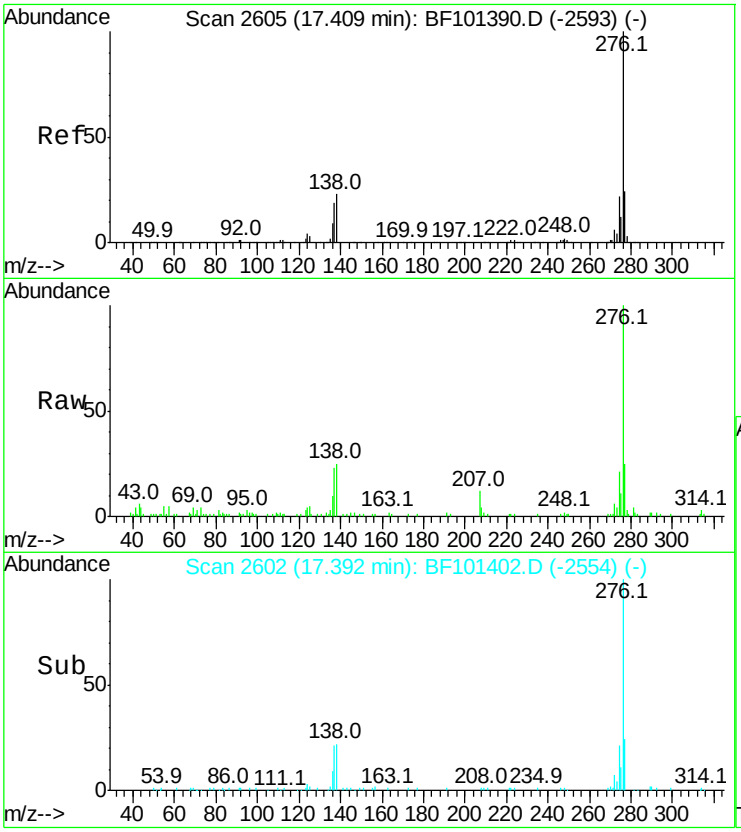


#89
Benzo(a)pyrene
Concen: 10.019 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Tgt Ion:252 Resp: 171135

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	12.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 5.682 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.02 min
Lab File: BF101402.D
Acq: 14 Dec 2017 19:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 82518

Ion	Ratio	Lower	Upper
276	100		
277	25.1	17.9	26.9
138	24.6	21.8	32.8