Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101208.D
Acq On : 7 Dec 2017 16:36
Operator : SJ/JU
Sample : I6765-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 07 19:24:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	52185	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	200305	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	86796	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	144403	20.00	ng		0.00
75) Chrysene-d12	14.02	240	113451	20.00	ng		0.00
86) Perylene-d12	15.50	264	100682	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	470482	148.98	ng		0.00
7) Phenol-d6	6.49	99	576494	150.36	ng		0.00
23) Nitrobenzene-d5	7.41	82	348705	103.85	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	134265	128.77	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	685529	108.06	ng		0.00
78) Terphenyl-d14	12.96	244	528105	101.82	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	9997	4.260	ng		84
10) Phenol	6.49	94	18855	4.423	ng		87
19) n-Nitroso-di-n-propylamine	7.41	70	45619	17.667	ng	#	81
25) Isophorone	7.41	82	348702	60.797	ng	#	64
49) Dimethylphthalate	9.59	163	23692	3.385	ng	#	99
50) 2,6-Dinitrotoluene	9.88	165	10820	7.339	ng	#	24
56) 2,4-Dinitrotoluene	9.88	165	10820	5.476	ng	#	21
66) 4-Bromophenyl-phenylether	10.67	248	8389	5.190	ng	#	1
70) Phenanthrene	11.39	178	94373	11.868	ng		96
71) Anthracene	11.45	178	28134	3.496	ng		95
74) Fluoranthene	12.59	202	162518	18.437	ng		95
77) Pyrene	12.82	202	128404	16.402	ng		97
80) Benzo(a)anthracene	14.01	228	66759	9.320	ng		98
82) Chrysene	14.04	228	54701	8.223	ng		99
85) Indeno(1,2,3-cd)pyrene	16.98	276	24297	4.108	ng	#	89
87) Benzo(b)fluoranthene	15.07	252	86241	14.301	ng		99
88) Benzo(k)fluoranthene	15.07	252	86241	14.515	ng		98
89) Benzo(a)pyrene	15.43	252	41796	7.623	ng		97
91) Benzo(g,h,i)perylene	17.43	276	21680	4.760	ng		91

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

Quantitation Report (Not Reviewed)

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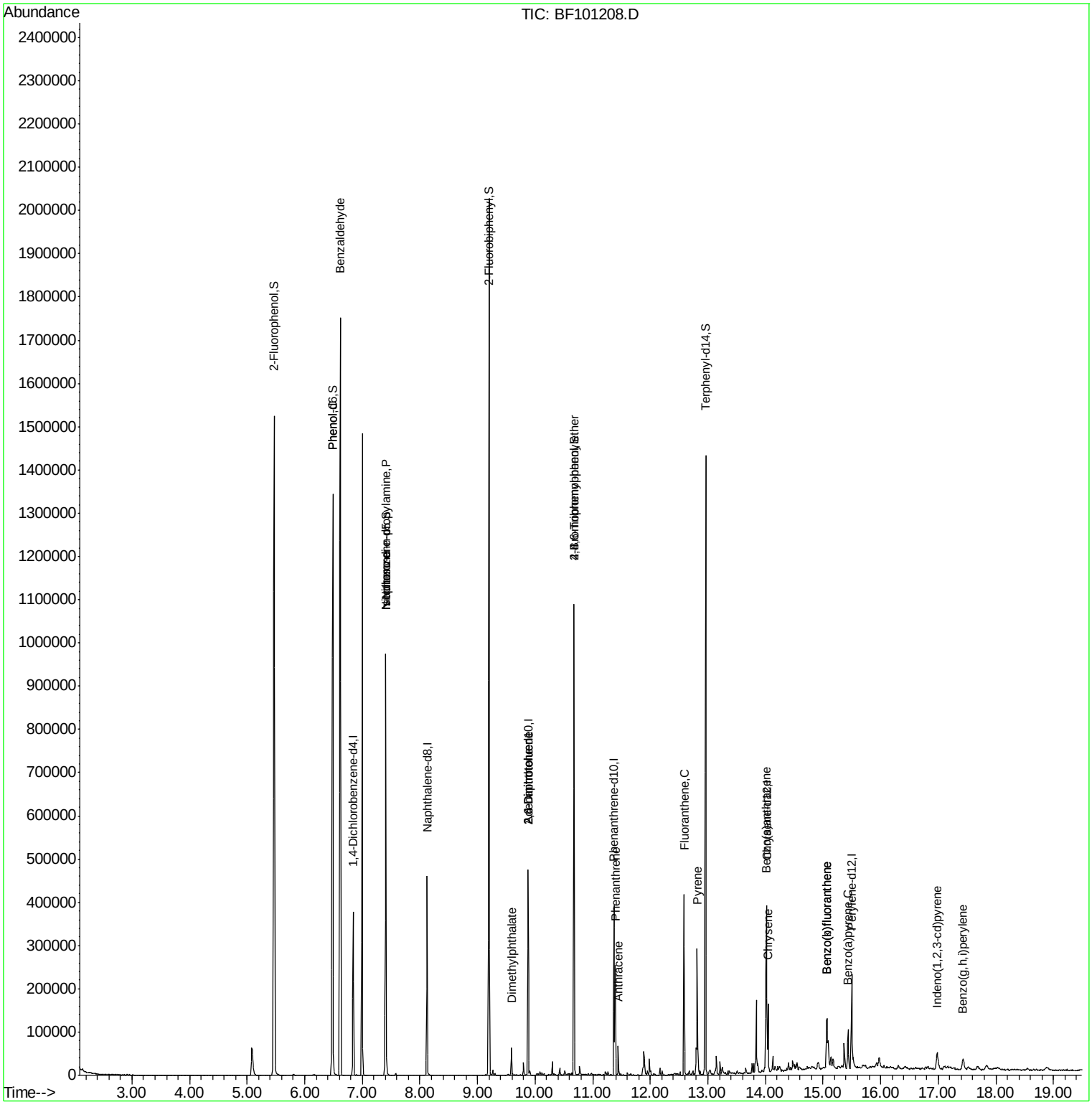
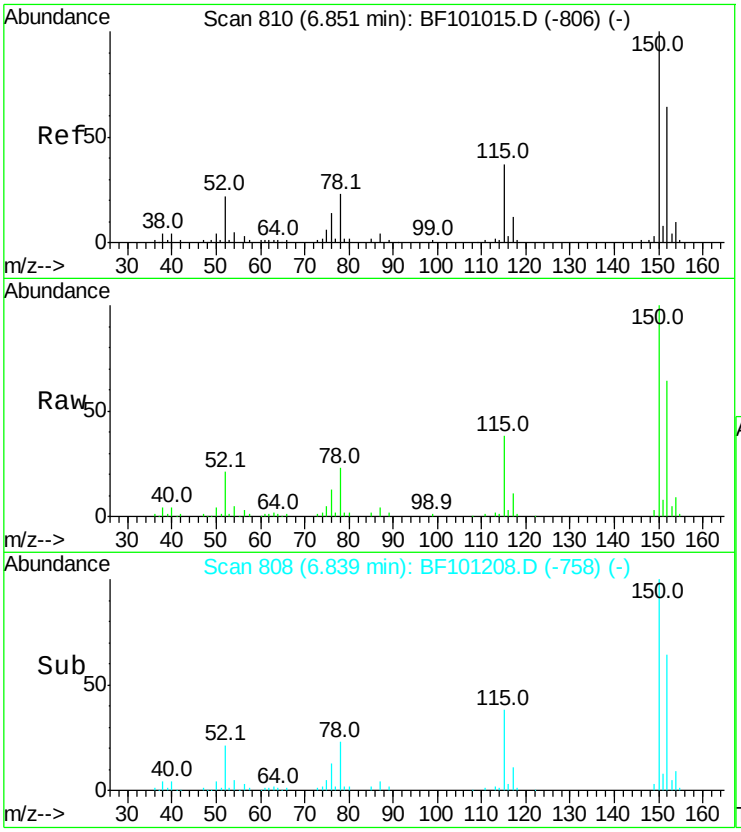


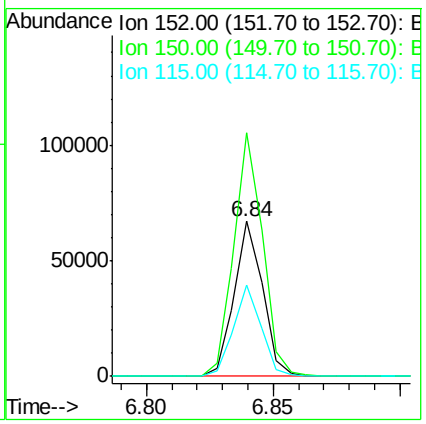


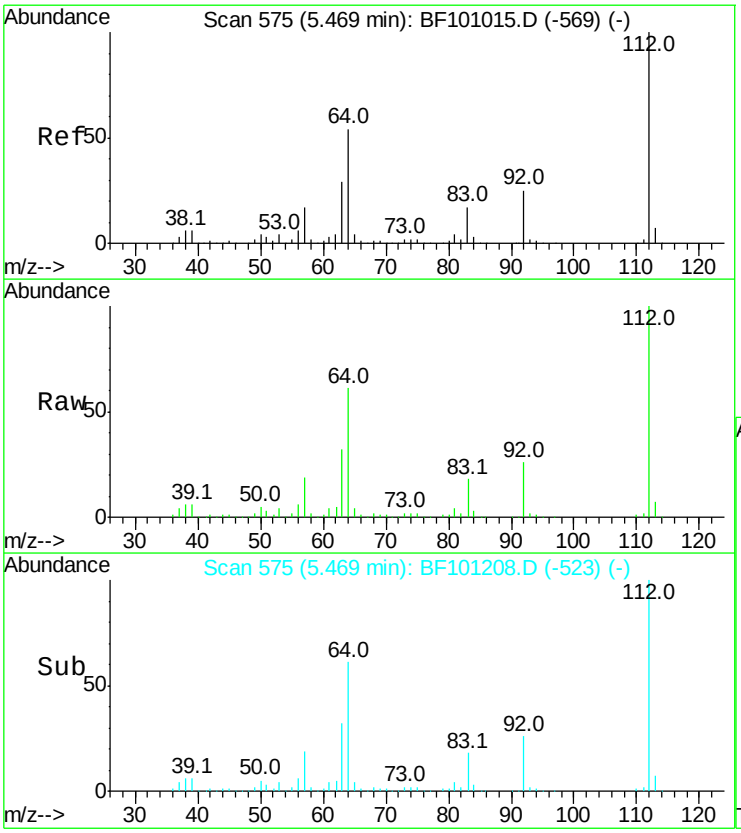
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 52185

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	59.1	50.1	75.1

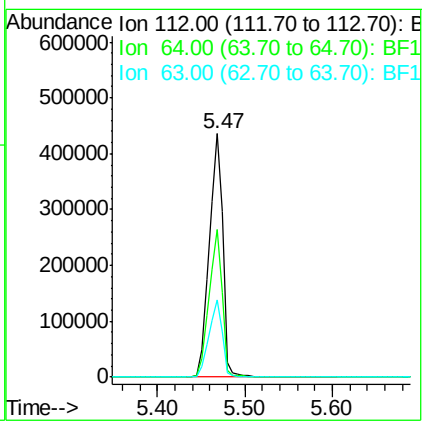


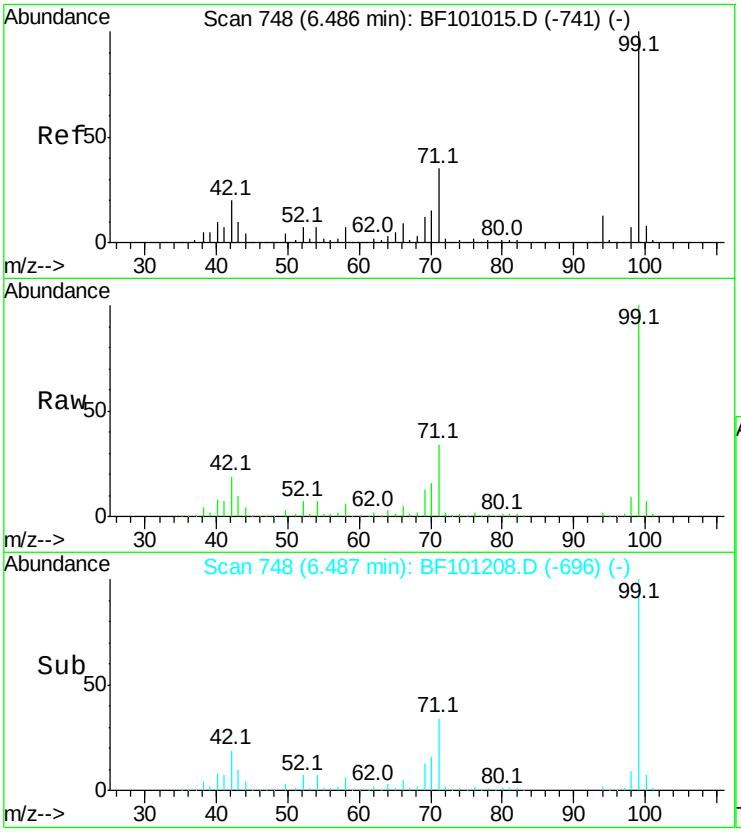


#5
2-Fluorophenol
Concen: 148.979 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Tgt Ion:112 Resp: 470482

Ion	Ratio	Lower	Upper
112	100		
64	60.5	47.9	71.9
63	31.6	23.7	35.5



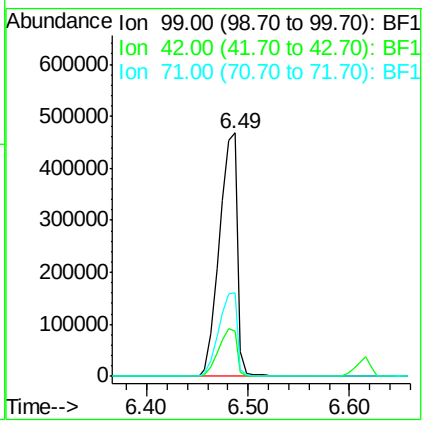


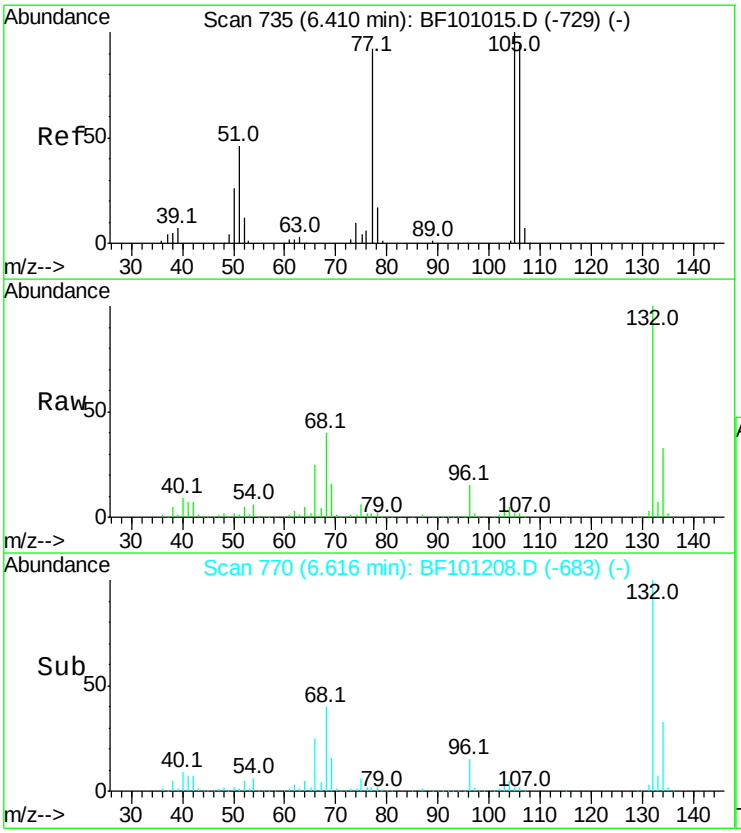
#7
Phenol-d6
Concen: 150.357 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 576494

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	34.1	25.4	38.0

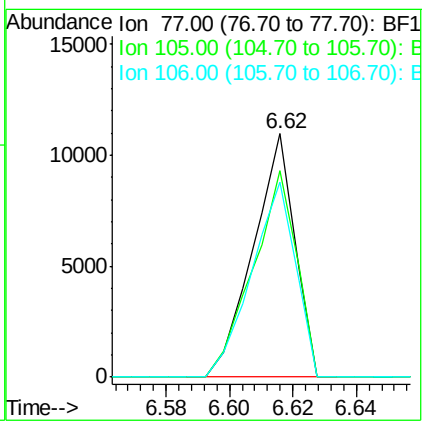


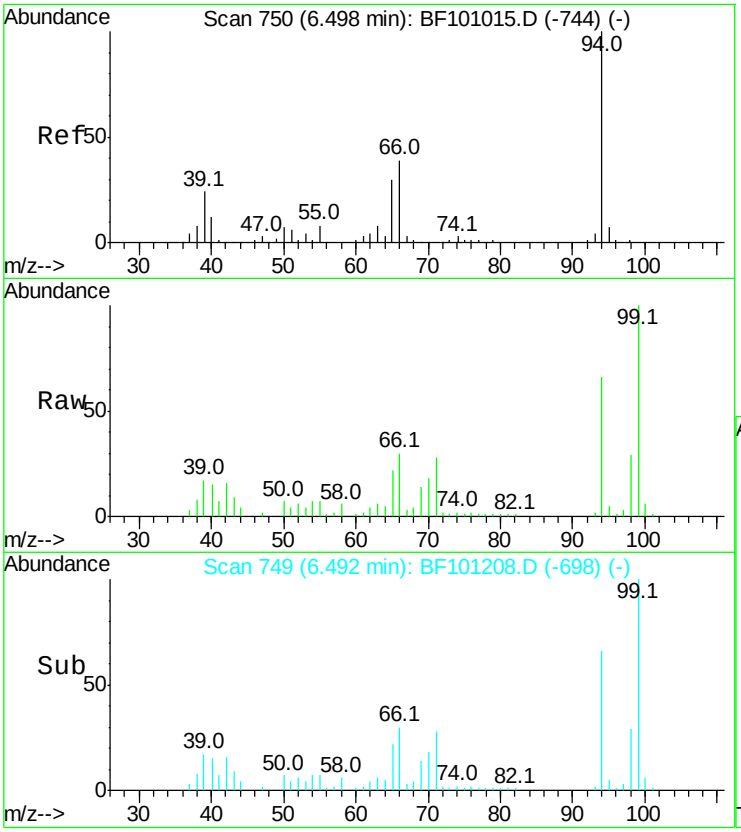


#9
Benzaldehyde
Concen: 4.260 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.21 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Tgt Ion: 77 Resp: 9997

Ion	Ratio	Lower	Upper
77	100		
105	84.9	81.1	121.1
106	80.1	74.5	114.5



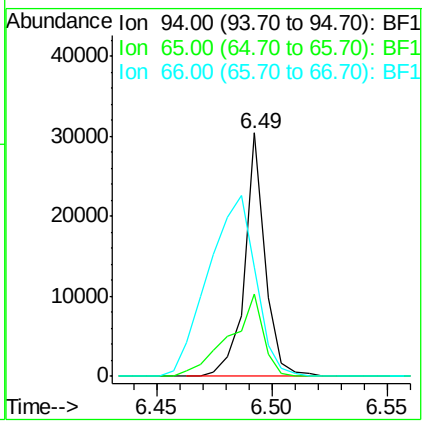


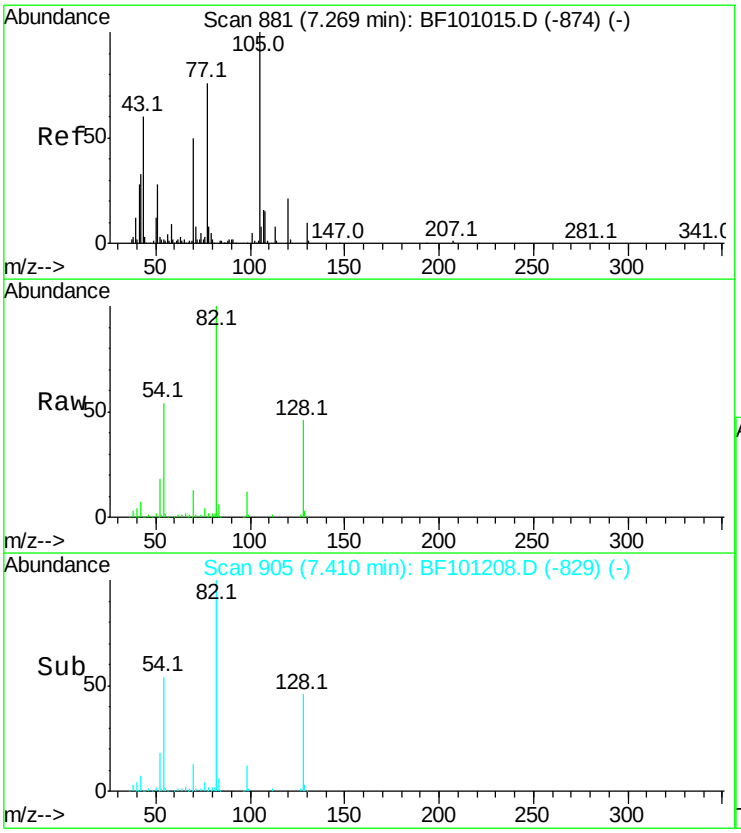
#10
Phenol
Concen: 4.423 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 18855

Ion	Ratio	Lower	Upper
94	100		
65	33.7	7.9	47.9
66	45.0	16.2	56.2

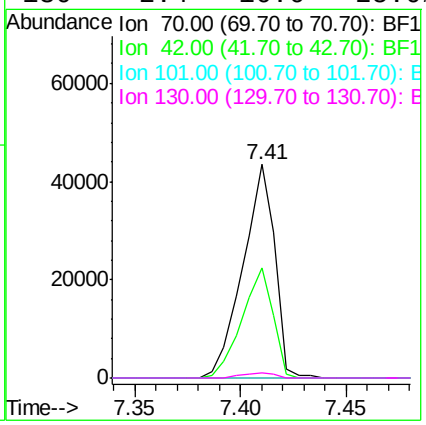


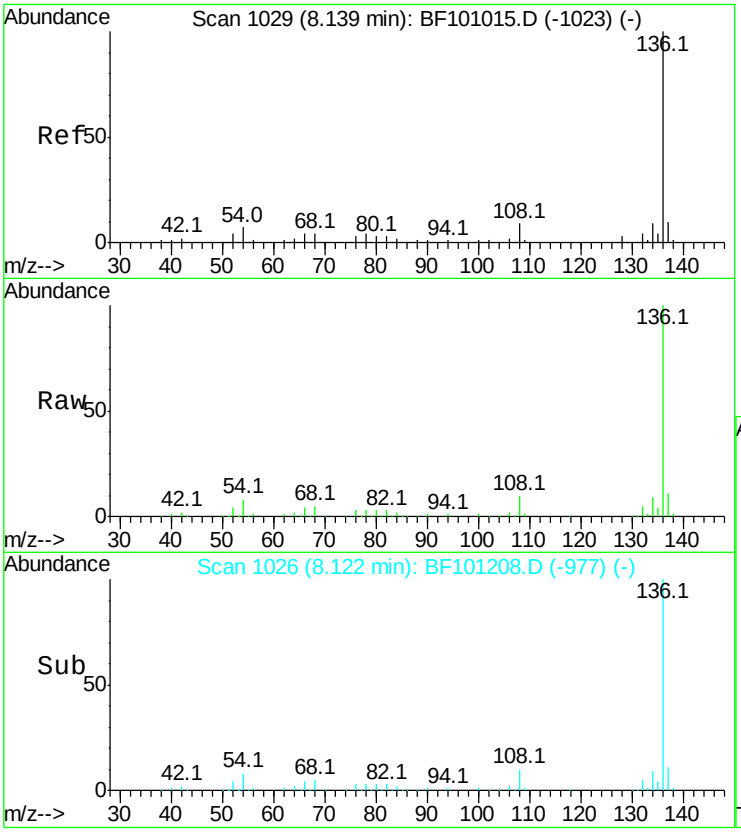


#19
n-Nitroso-di-n-propylamine
Concen: 17.667 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Tgt Ion: 70 Resp: 45619

Ion	Ratio	Lower	Upper
70	100		
42	51.6	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



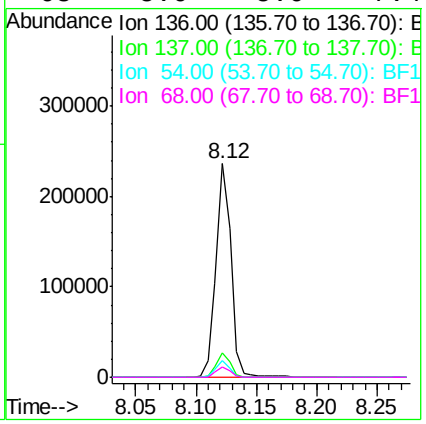


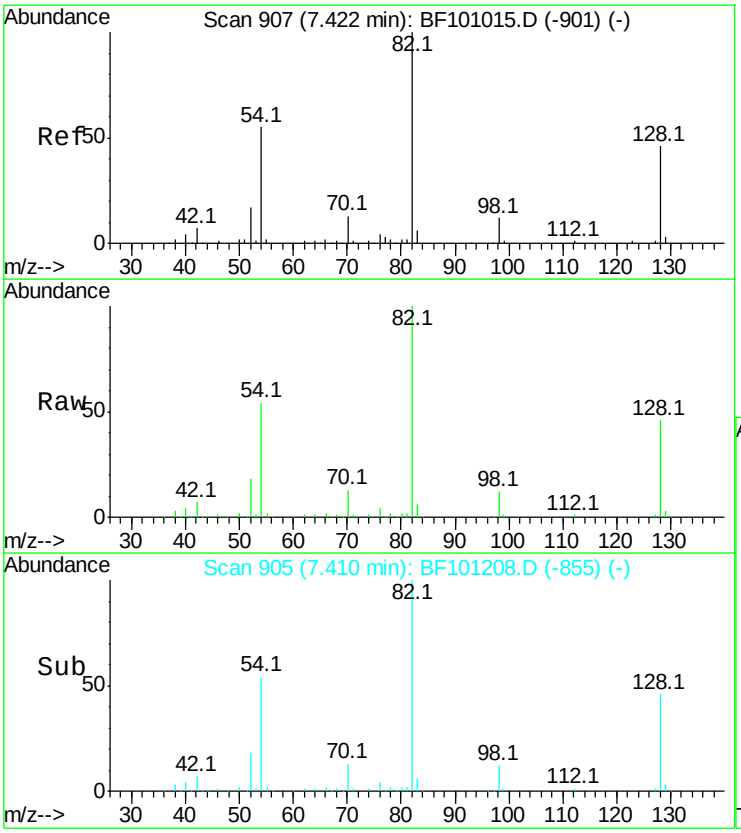
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 200305

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.8	6.6	9.8
68	5.0	5.0	7.4

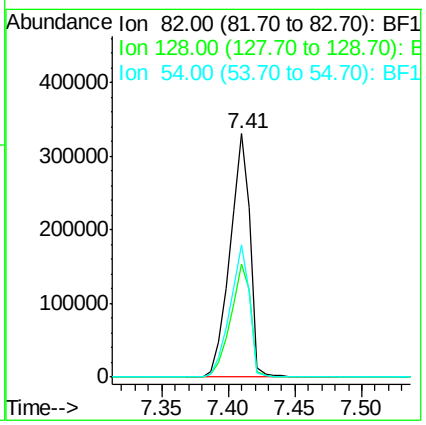


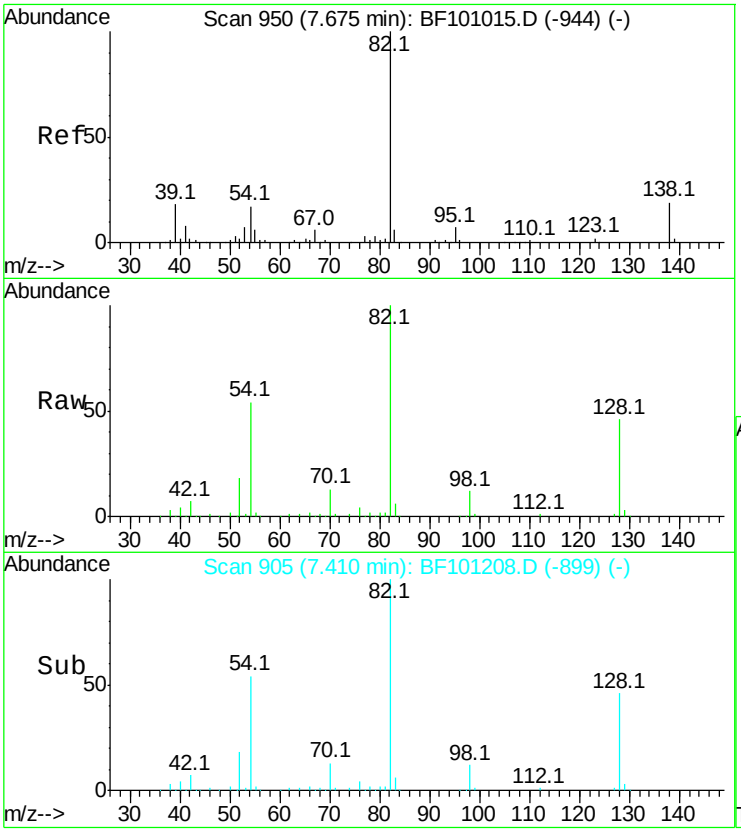


#23
Nitrobenzene-d5
Concen: 103.848 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Tgt Ion: 82 Resp: 348705

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	54.2	41.4	62.2



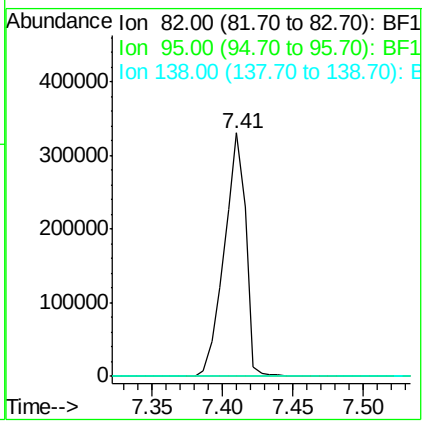


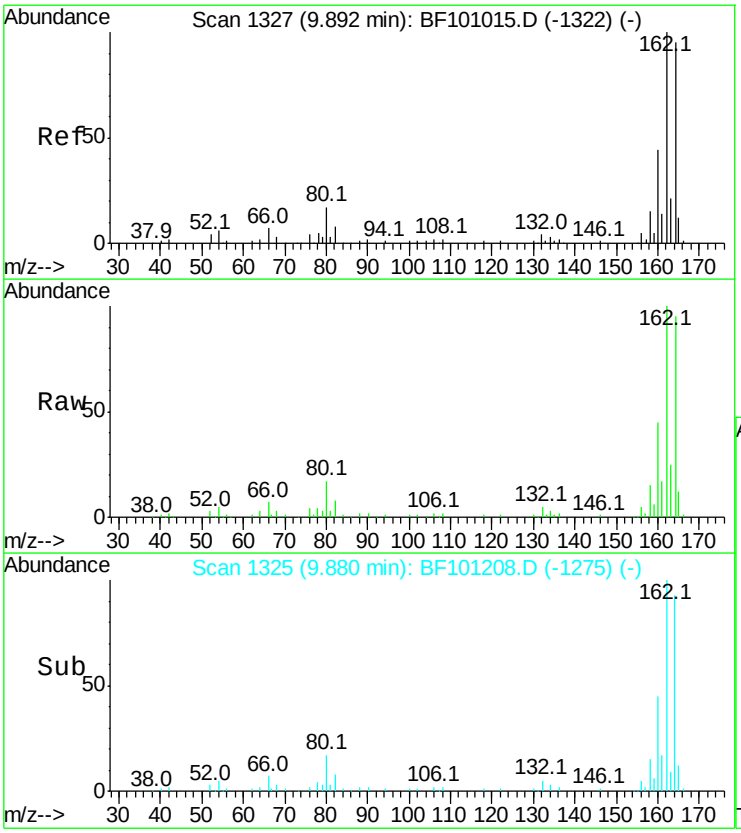
#25
Isophorone
Concen: 60.797 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 348702

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

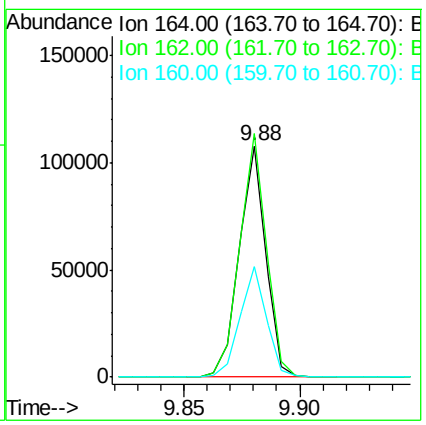


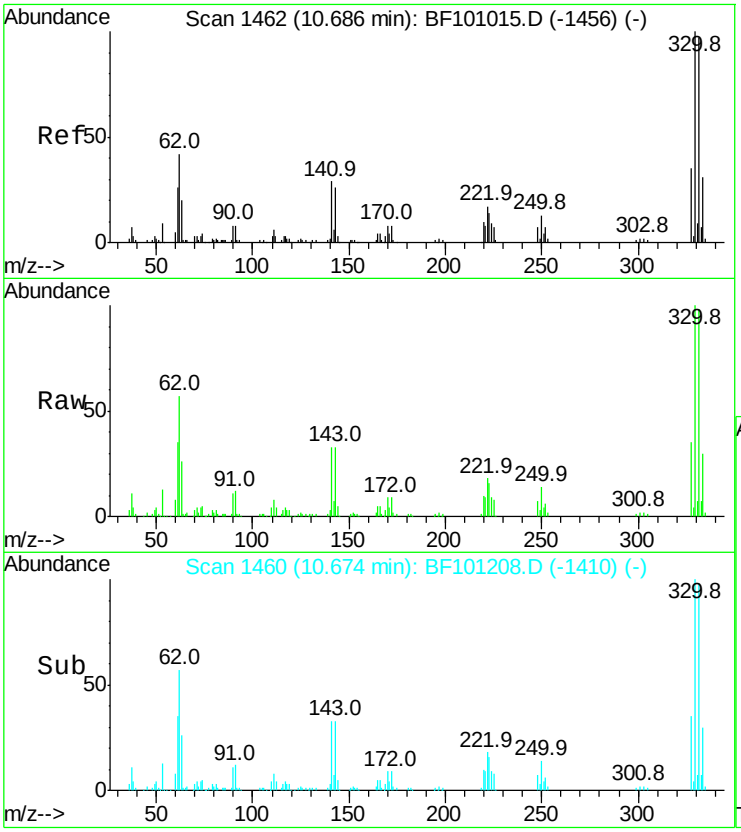


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Tgt Ion:164 Resp: 86796

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	47.8	38.3	57.5



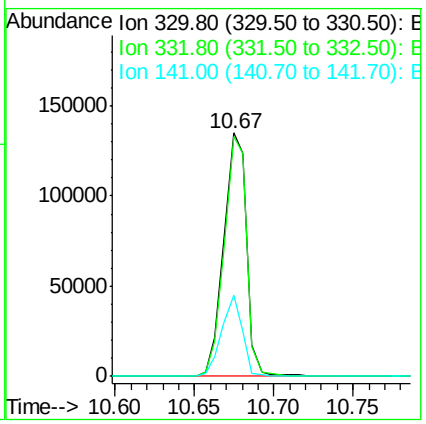


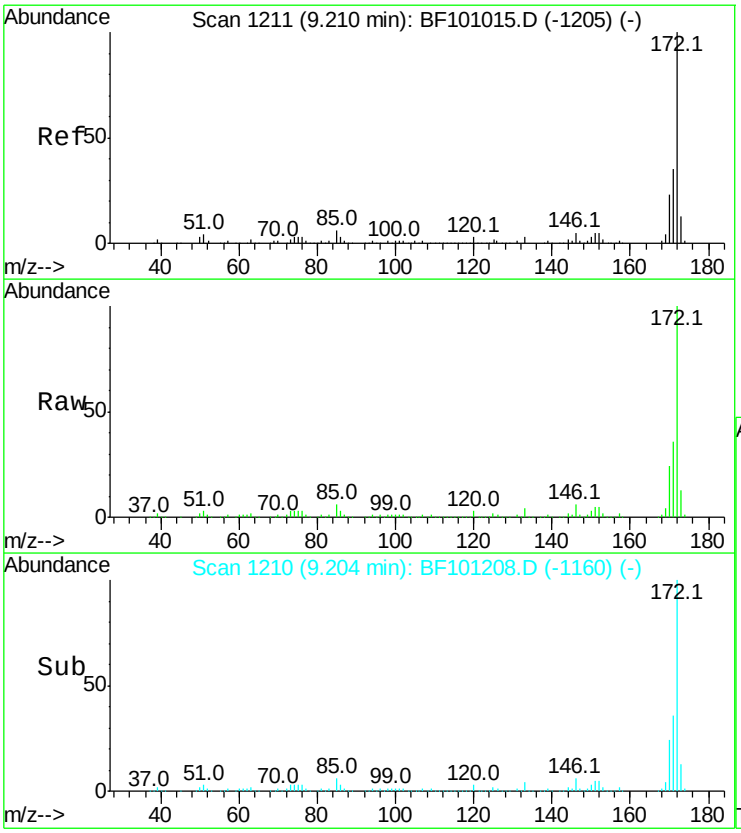
#41
2,4,6-Tribromophenol
Concen: 128.771 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 134265

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	30.0	29.9	44.9

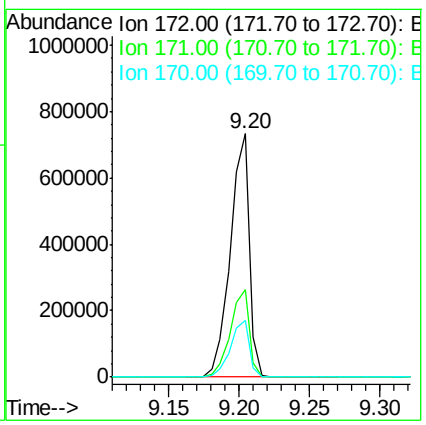


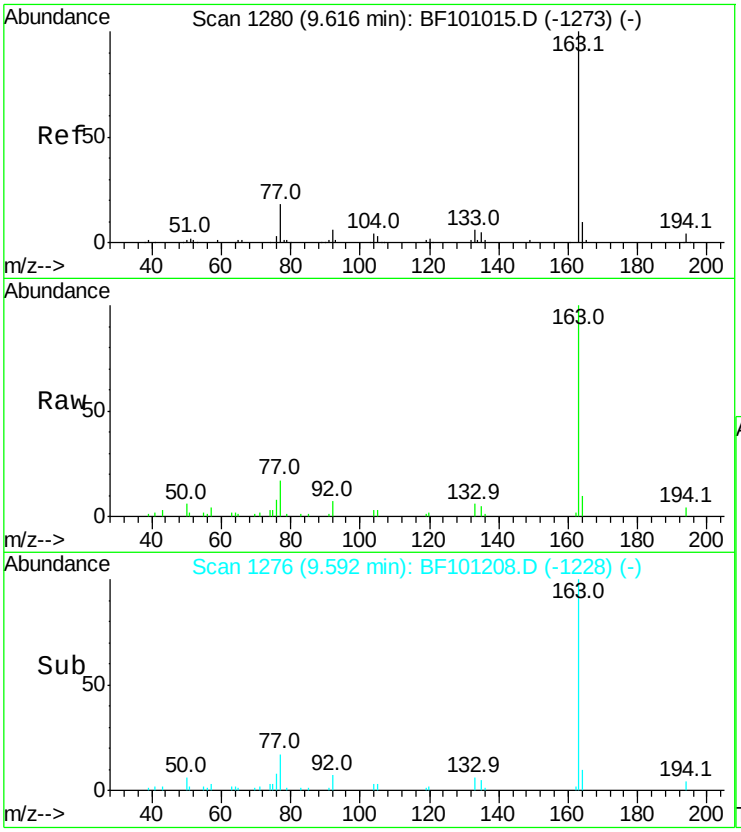


#44
2-Fluorobiphenyl
Concen: 108.063 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Tgt Ion:172 Resp: 685529

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.6	19.6	29.4



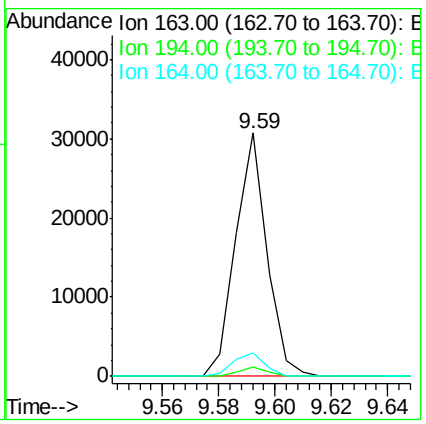


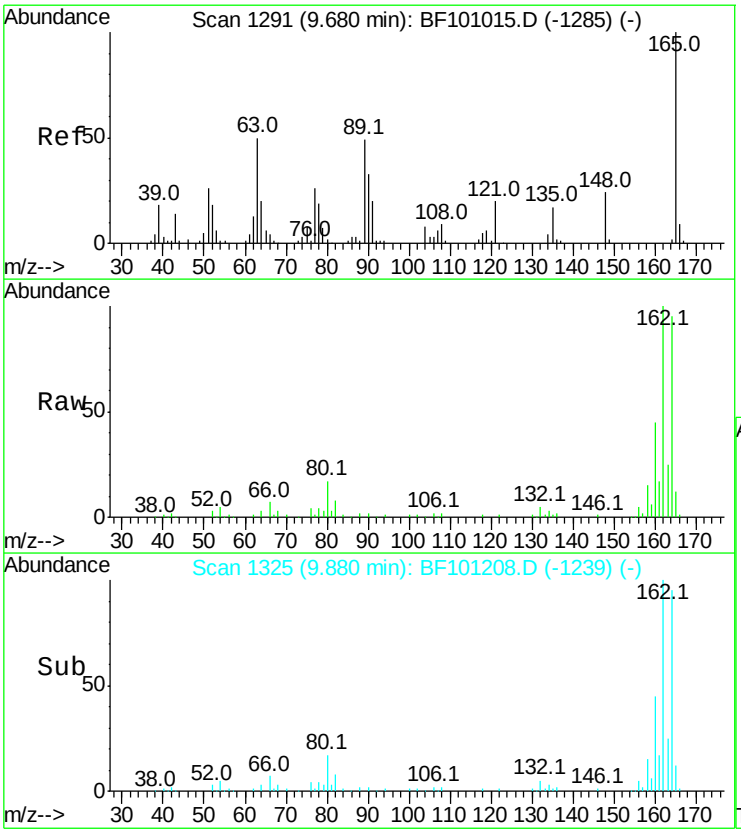
#49
Dimethylphthalate
Concen: 3.385 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 23692

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.9	8.2	12.2

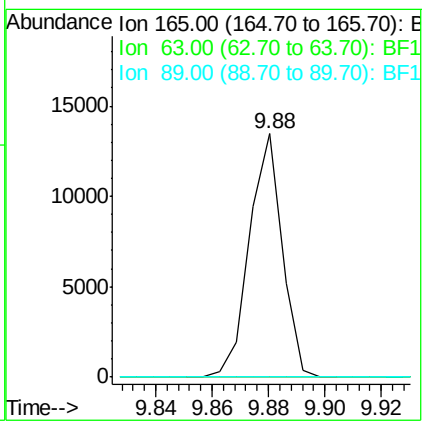


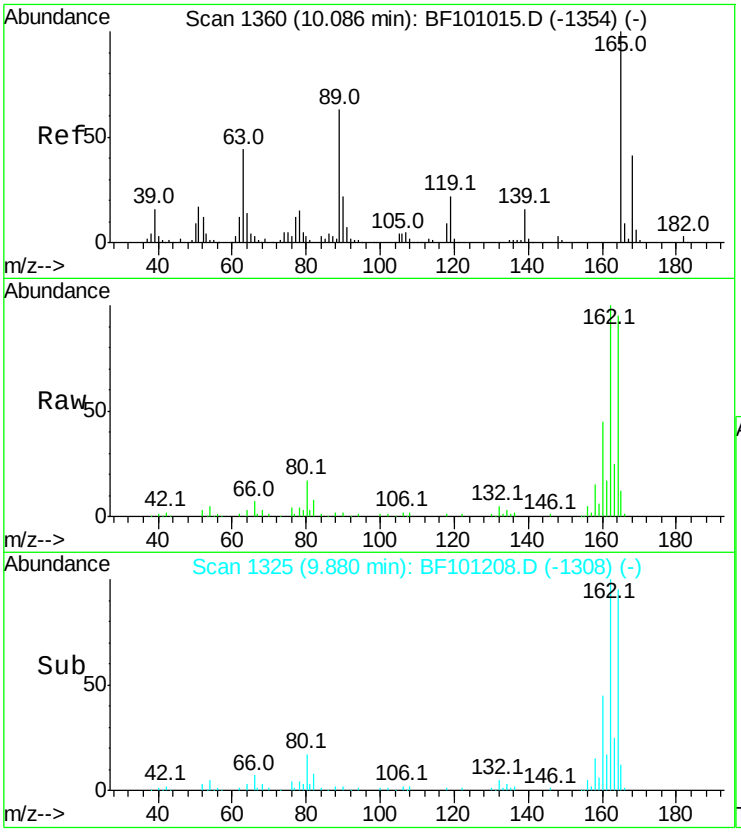


#50
2,6-Dinitrotoluene
Concen: 7.339 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Tgt Ion:165 Resp: 10820

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



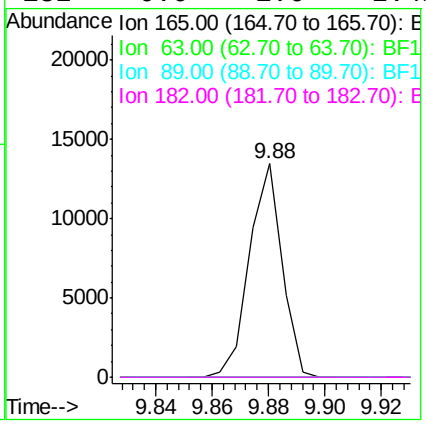


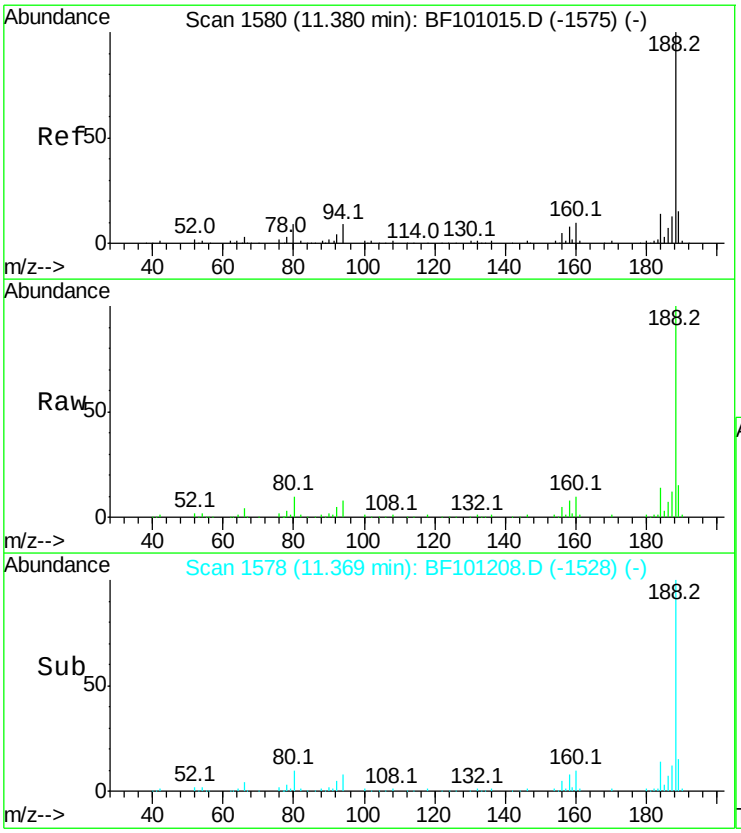
#56
2,4-Dinitrotoluene
Concen: 5.476 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.20 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 10820

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

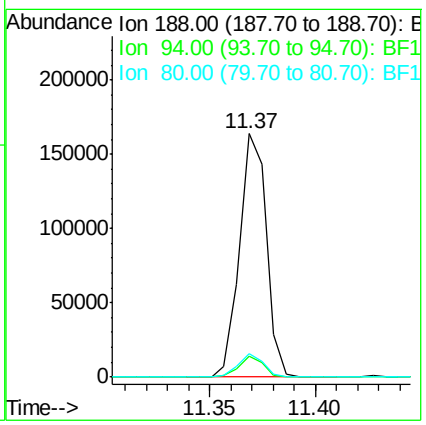


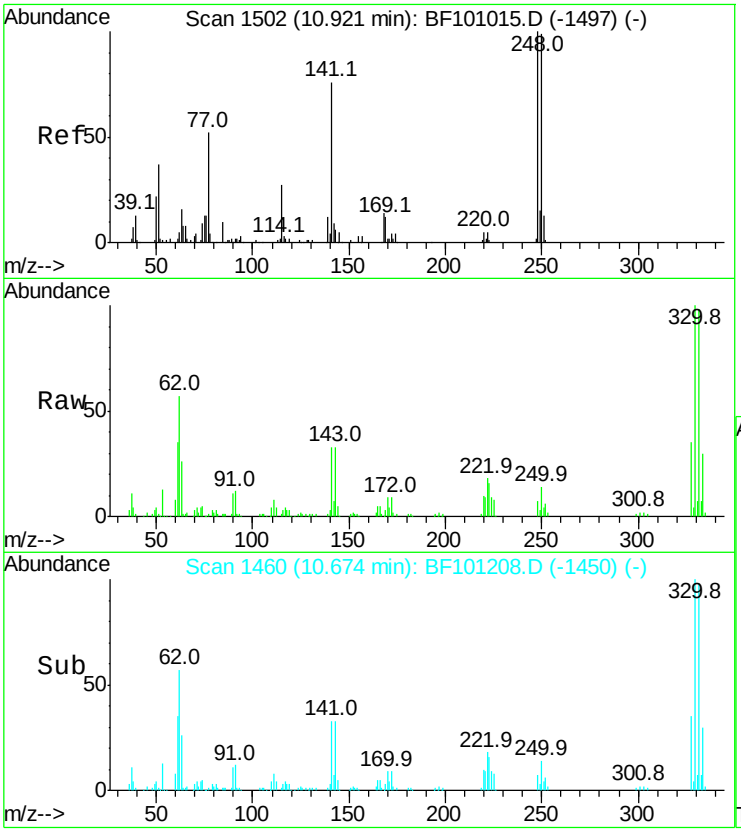


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Tgt Ion:188 Resp: 144403

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.5	9.2	13.8



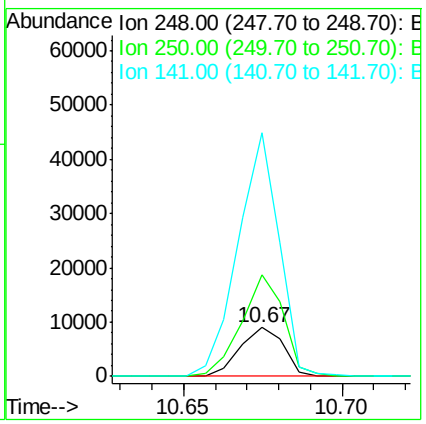


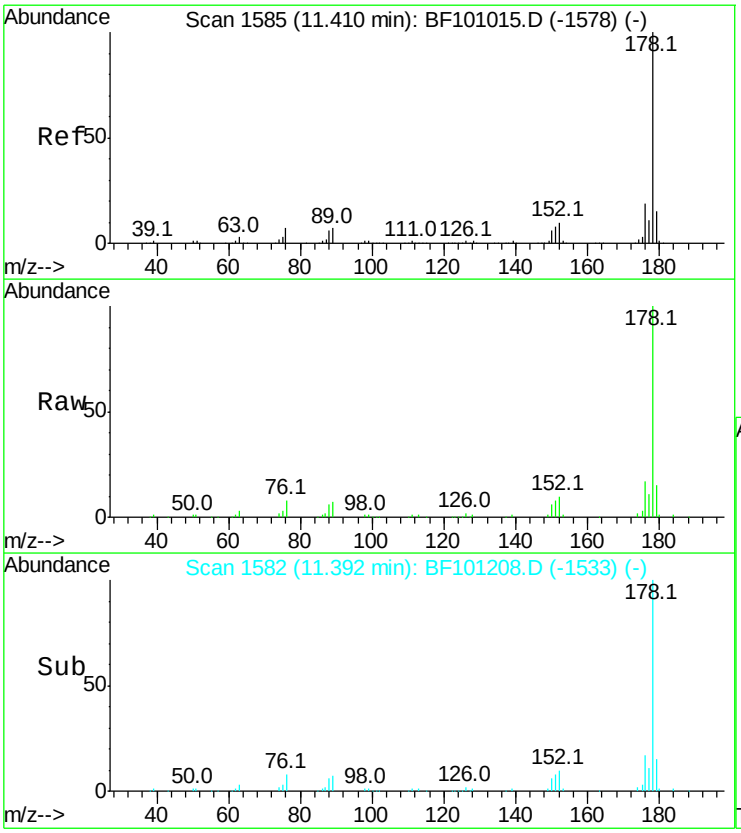
#66
4-Bromophenyl-phenylether
Concen: 5.190 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 8389

Ion	Ratio	Lower	Upper
248	100		
250	208.5	76.9	115.3#
141	502.3	74.4	111.6#

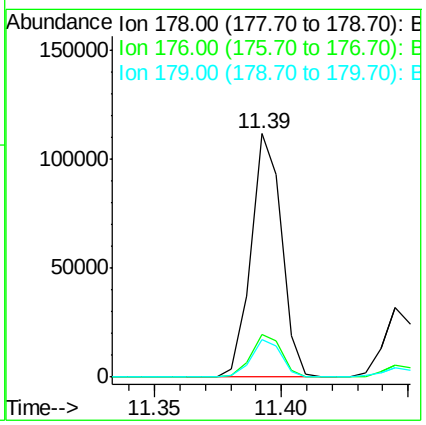


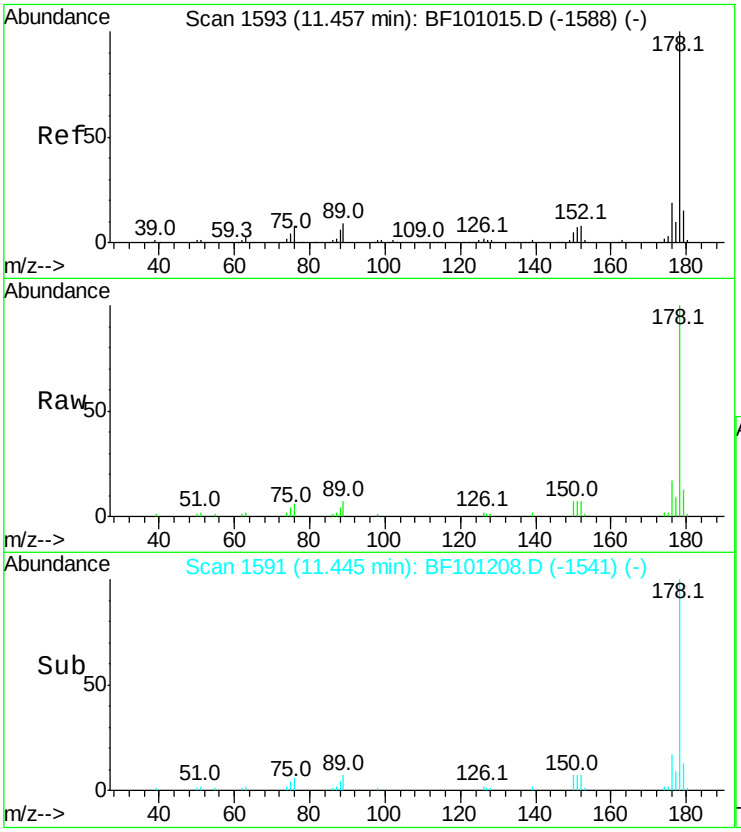


#70
Phenanthrene
Concen: 11.868 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Tgt Ion:178 Resp: 94373

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.8	23.8
179	15.3	13.0	19.6



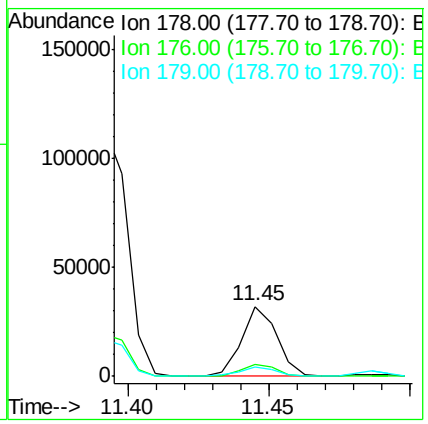


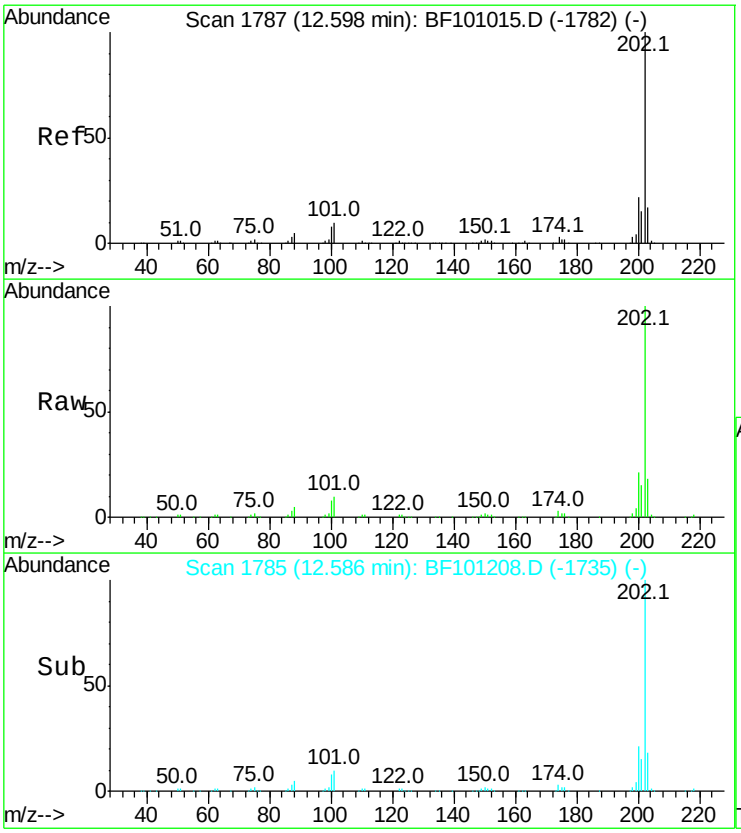
#71
Anthracene
Concen: 3.496 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 28134

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.4	23.2
179	13.4	12.6	19.0

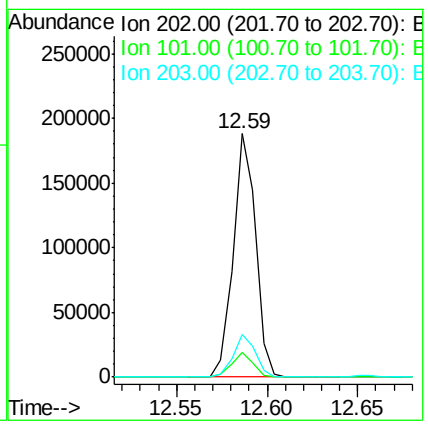


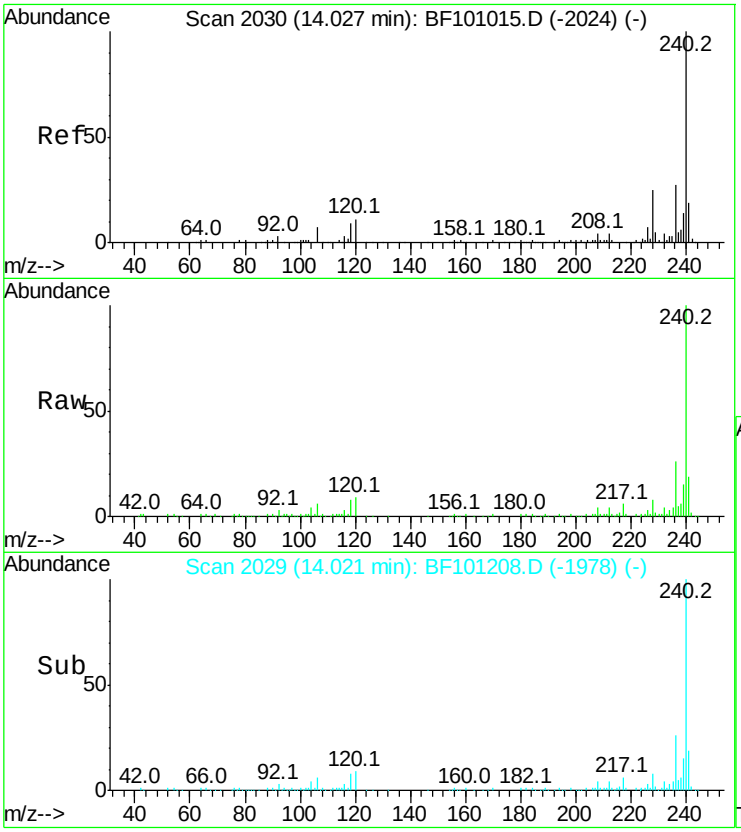


#74
Fluoranthene
Concen: 18.437 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Tgt Ion:202 Resp: 162518

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.1
203	17.5	0.0	38.1



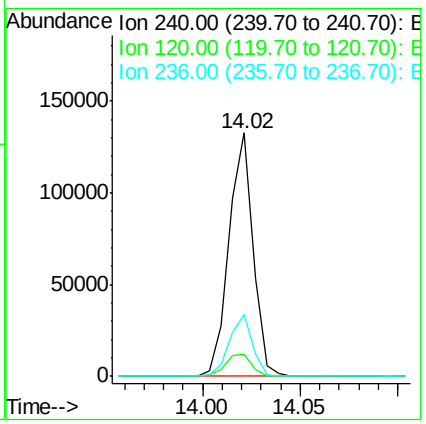


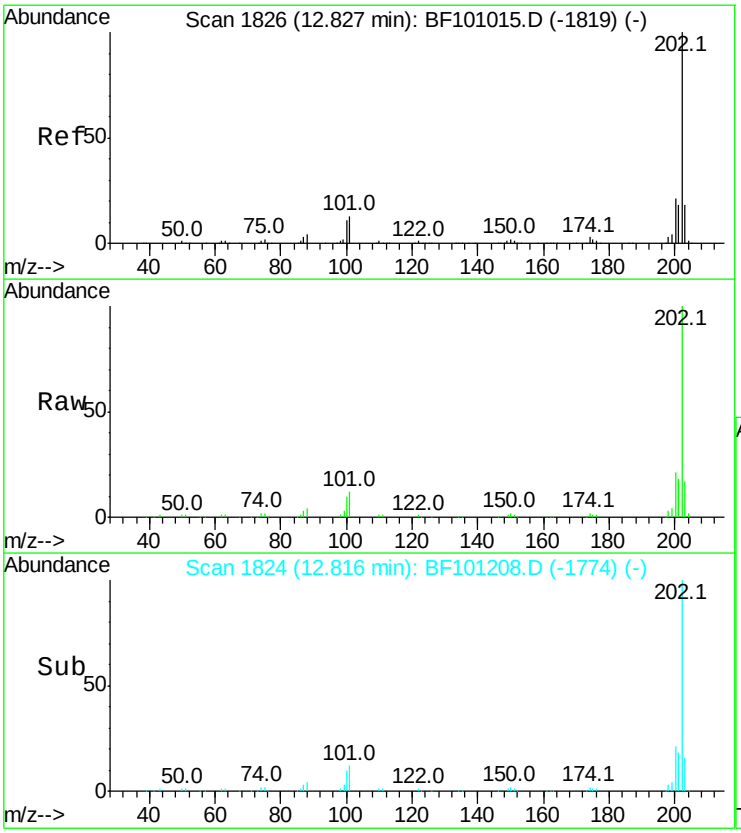
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 113451

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	25.6	20.7	31.1

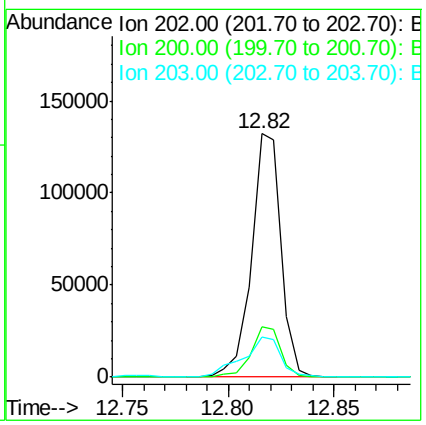


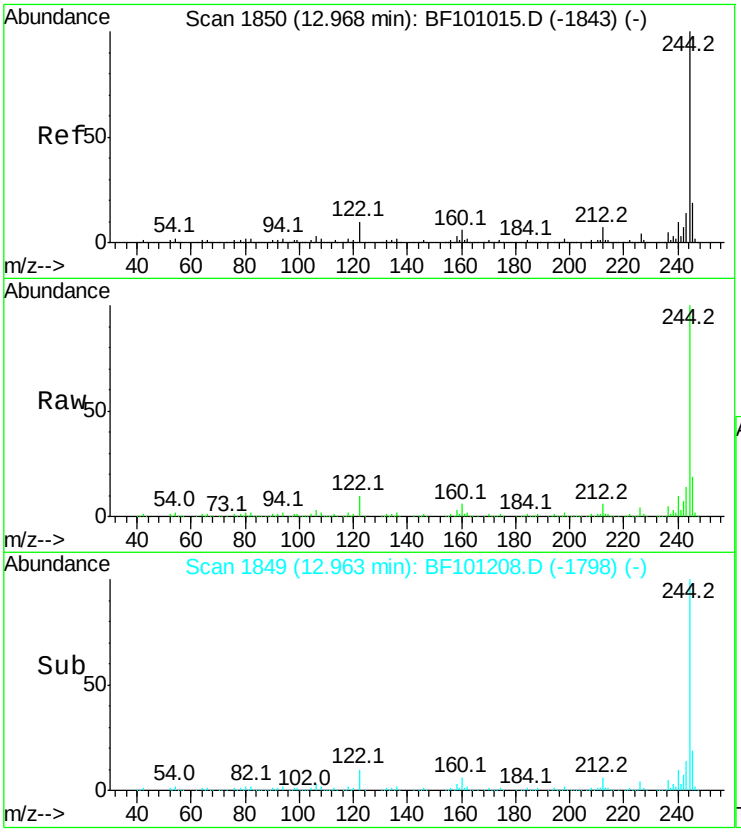


#77
Pyrene
Concen: 16.402 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Tgt Ion:202 Resp: 128404

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	16.7	14.3	21.5



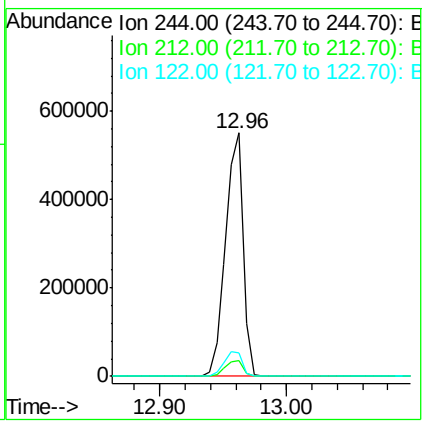


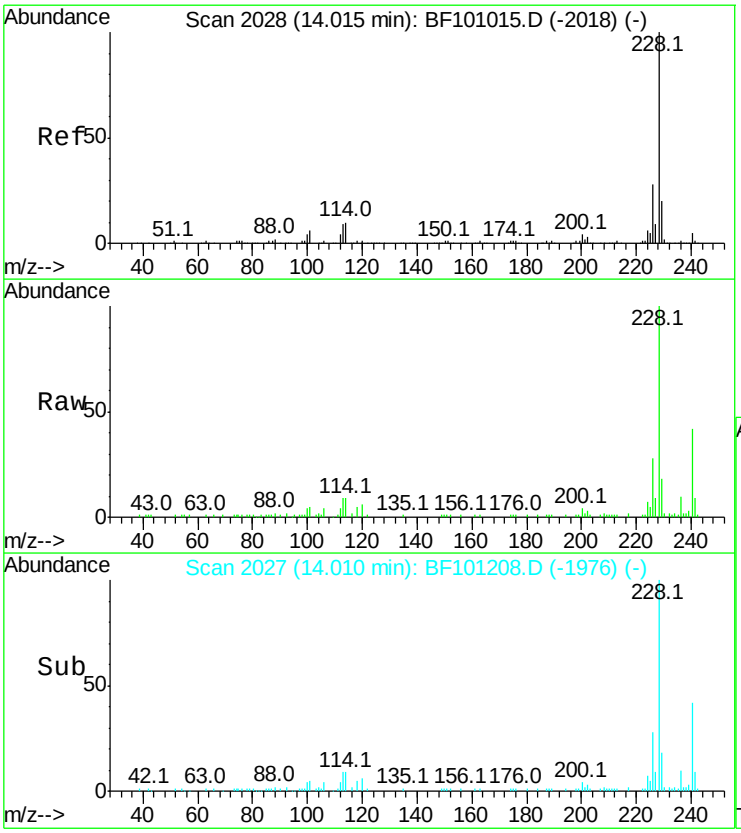
#78
Terphenyl-d14
Concen: 101.815 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 528105

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.4	8.0
122	9.6	11.0	16.4#

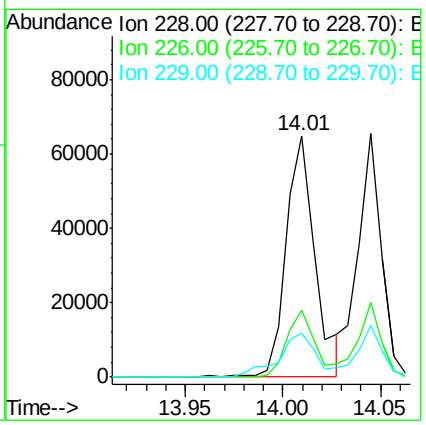


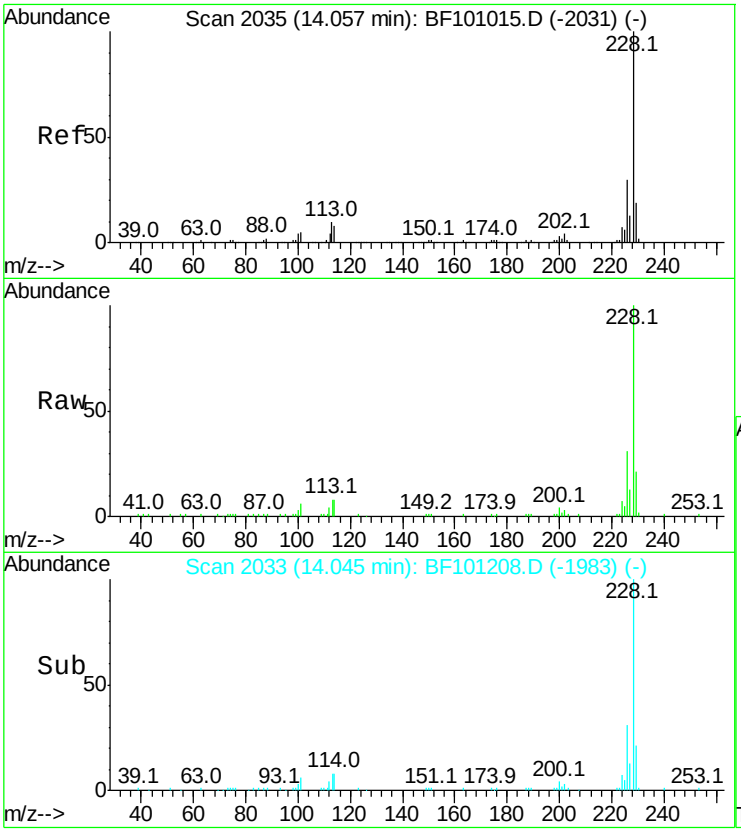


#80
Benzo(a)anthracene
Concen: 9.320 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Tgt Ion:228 Resp: 66759

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	18.1	15.8	23.6



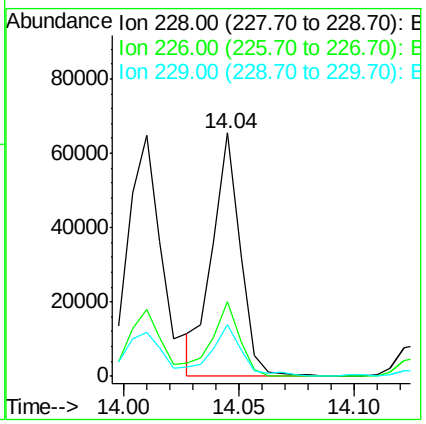


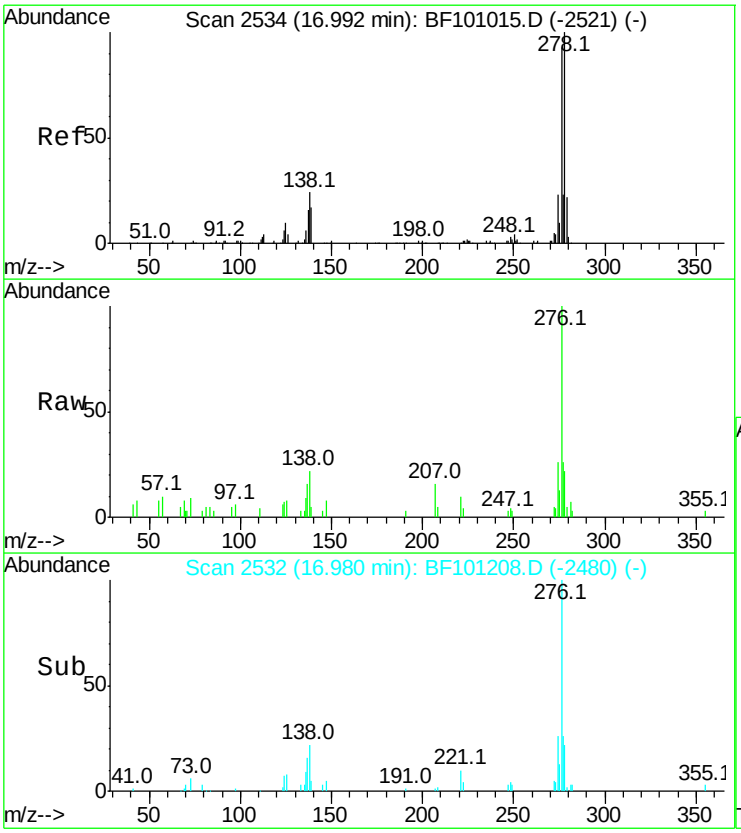
#82
Chrysene
Concen: 8.223 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 54701

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	21.0	16.2	24.4

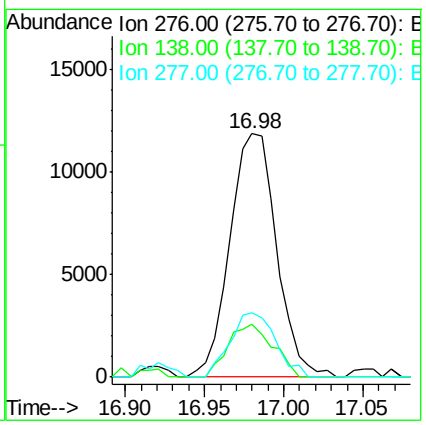


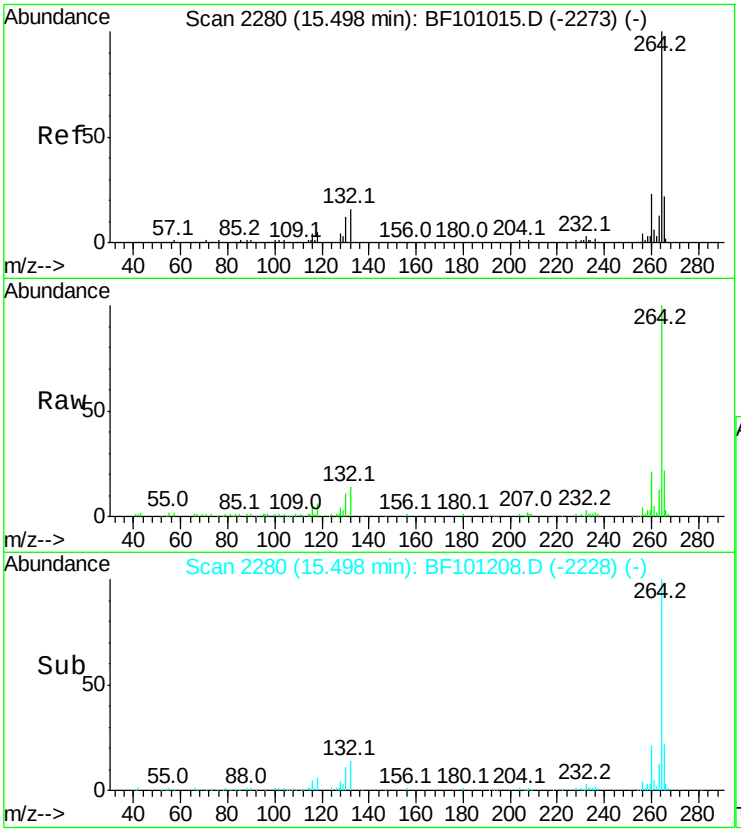


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.108 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Tgt Ion:276 Resp: 24297

Ion	Ratio	Lower	Upper
276	100		
138	20.8	25.0	37.6#
277	25.5	20.1	30.1



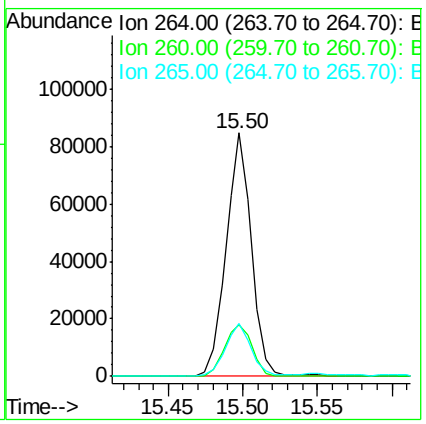


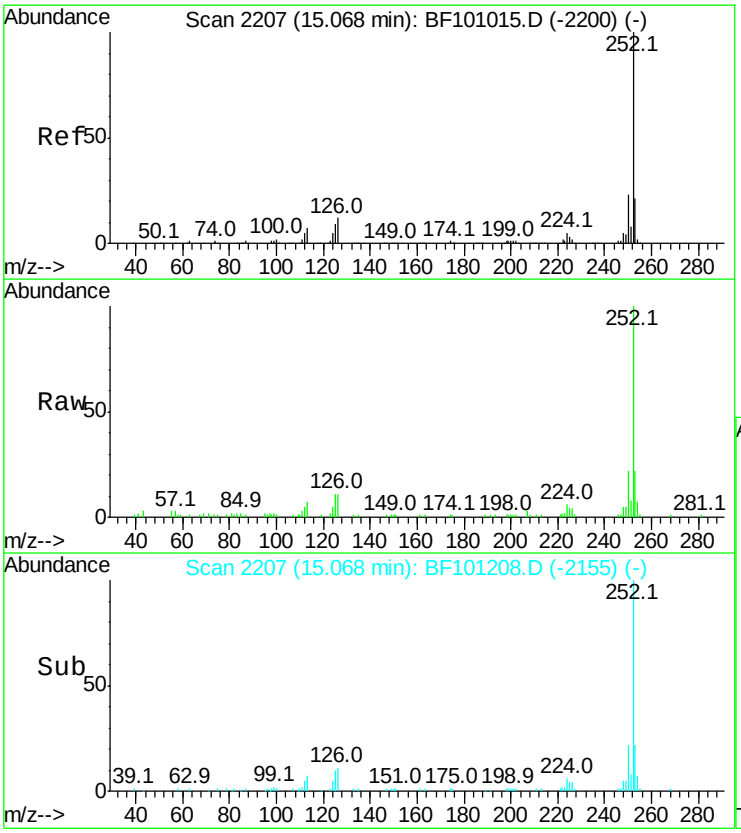
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 100682

Ion	Ratio	Lower	Upper
264	100		
260	21.4	19.2	28.8
265	21.6	17.5	26.3

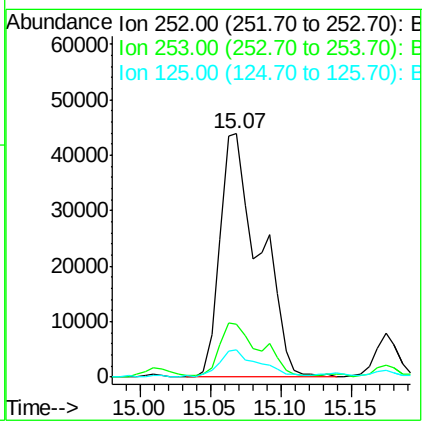


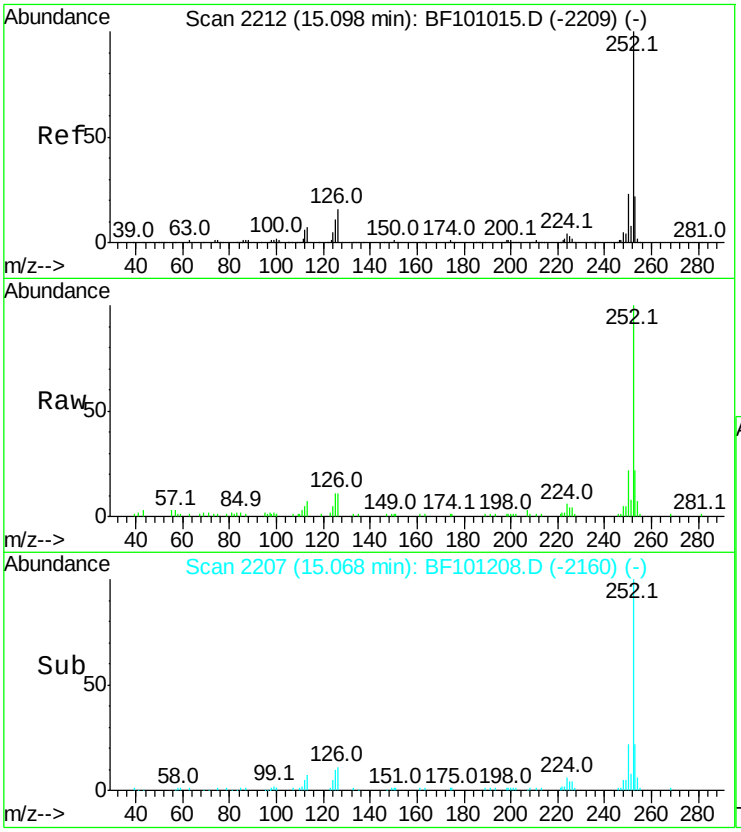


#87
Benzo(b)fluoranthene
Concen: 14.301 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Tgt Ion:252 Resp: 86241

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.0	9.0	13.6



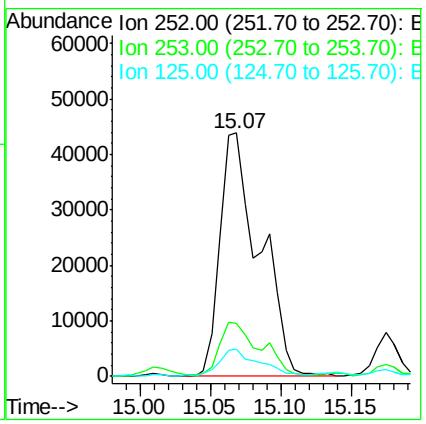


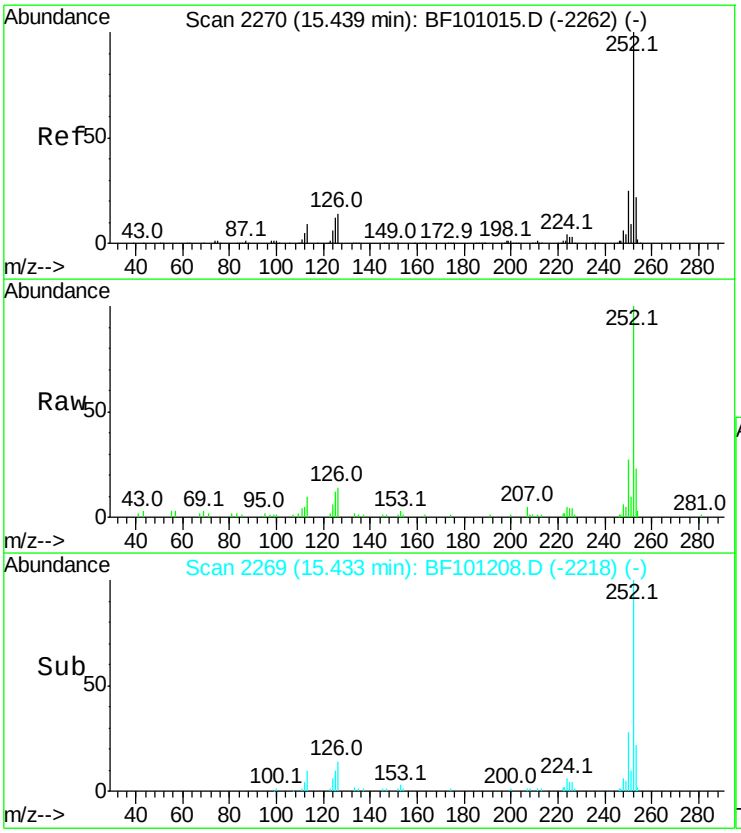
#88
Benzo(k)fluoranthene
Concen: 14.515 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 86241

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	11.0	10.2	15.2

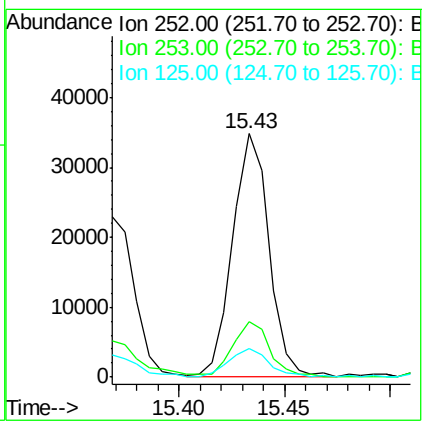


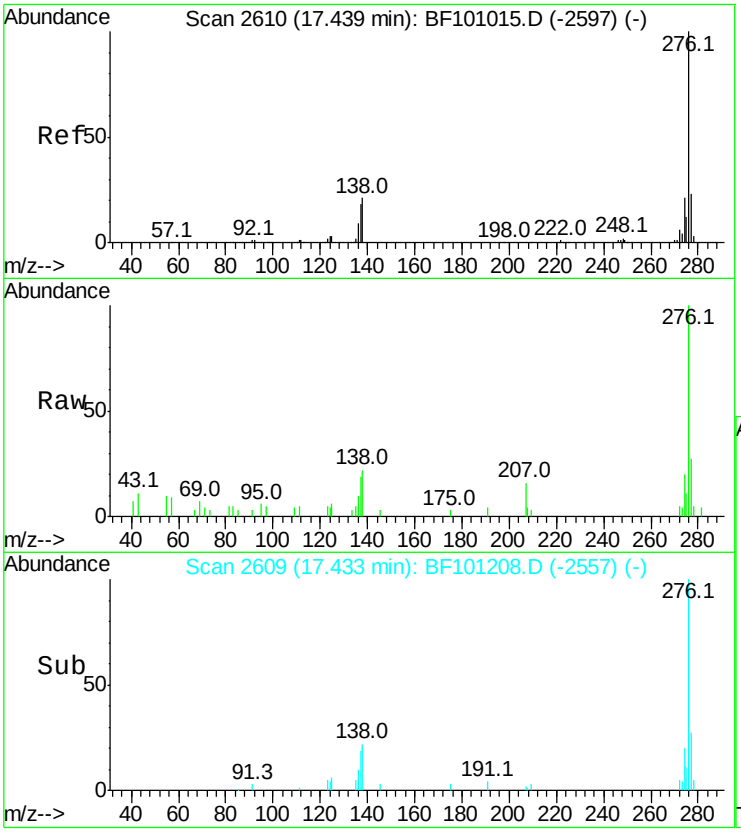


#89
Benzo(a)pyrene
Concen: 7.623 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Tgt Ion:252 Resp: 41796

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	11.5	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.760 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.01 min
Lab File: BF101208.D
Acq: 7 Dec 2017 16:36

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 21680

Ion	Ratio	Lower	Upper
276	100		
277	26.6	17.9	26.9
138	22.3	21.8	32.8