Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101093.D
Acq On : 4 Dec 2017 13:09
Operator : SJ/JU
Sample : I6620-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 04 14:51:22 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	6.85	152	49650	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	193682	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	88969	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	160894	20.00	ng		0.00
75) Chrysene-d12	14.02	240	114158	20.00	ng		0.00
86) Perylene-d12	15.49	264	120852	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	283630	94.40	ng		0.00
7) Phenol-d6	6.48	99	342172	93.80	ng		0.00
23) Nitrobenzene-d5	7.41	82	205624	63.33	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	90297	84.49	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	429022	65.98	ng		0.00
78) Terphenyl-d14	12.96	244	352238	67.49	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	6356	2.85	ng		85
10) Phenol	6.49	94	10809	2.66	ng		97
19) n-Nitroso-di-n-propylamine	7.41	70	27402	11.15	ng	#	83
25) Isophorone	7.41	82	205621	37.08	ng	#	64
49) Dimethylphthalate	9.60	163	26264	3.66	ng	#	95
50) 2,6-Dinitrotoluene	9.88	165	11738	7.77	ng	#	24
56) 2,4-Dinitrotoluene	9.88	165	11738	5.80	ng	#	21
66) 4-Bromophenyl-phenylether	10.67	248	5477	3.04	ng	#	1
70) Phenanthrene	11.40	178	46590	5.26	ng		96
71) Anthracene	11.40	178	46590	5.20	ng		97
74) Fluoranthene	12.59	202	84523	8.61	ng		93
77) Pyrene	12.82	202	72726	9.23	ng		97
80) Benzo(a)anthracene	14.00	228	38639	5.36	ng		100
82) Chrysene	14.04	228	34336	5.13	ng		98
87) Benzo(b)fluoranthene	15.06	252	70497	9.74	ng		96
88) Benzo(k)fluoranthene	15.36	252	23142	3.24	ng		98
89) Benzo(a)pyrene	15.43	252	35899	5.46	ng		95
91) Benzo(g,h,i)perylene	17.42	276	22609	4.14	ng	#	88

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

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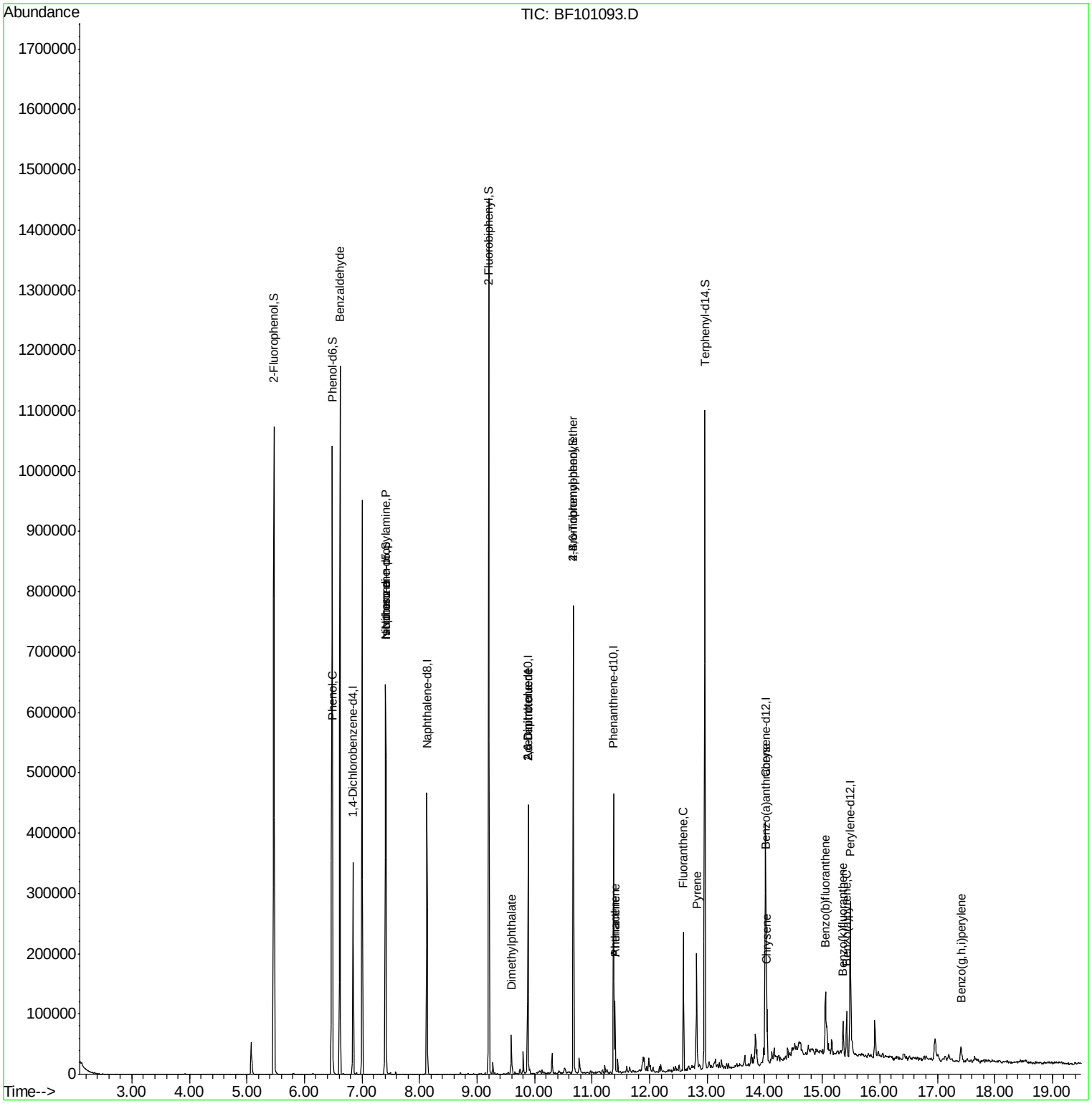
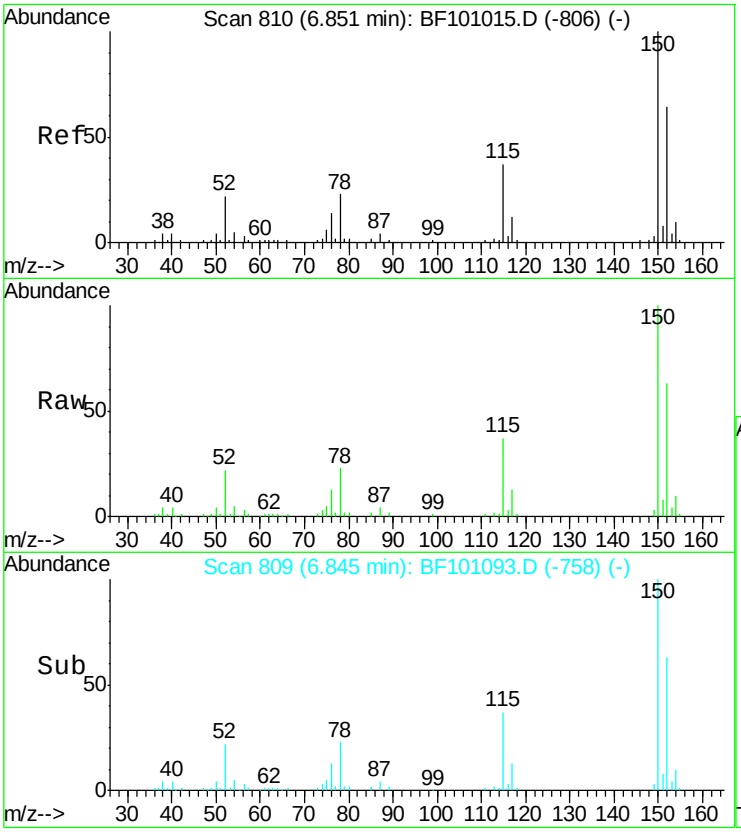


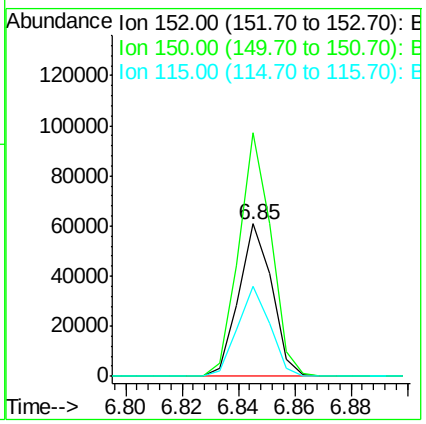


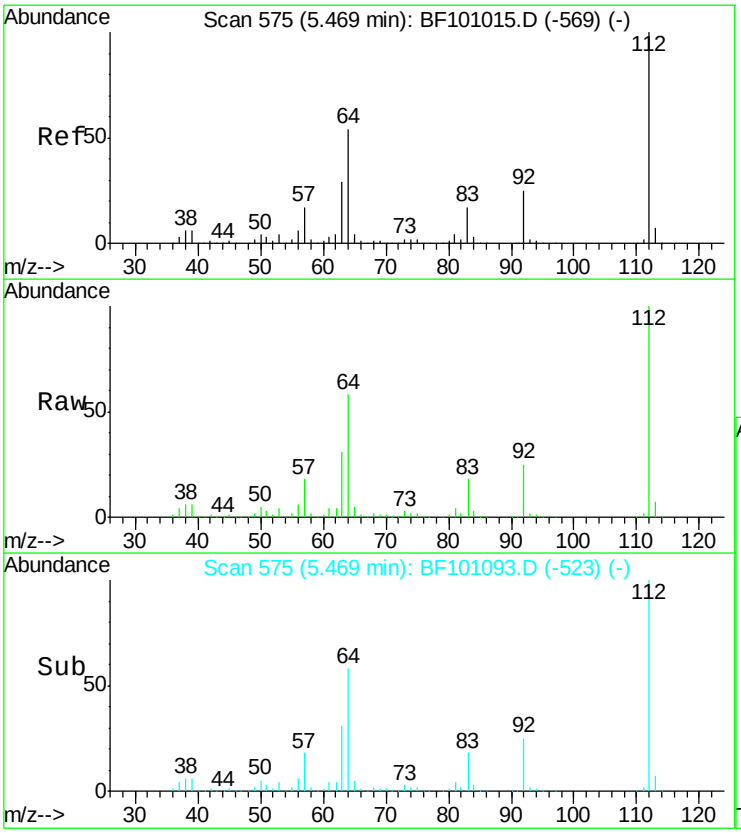
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 49650

Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	59.4	50.1	75.1

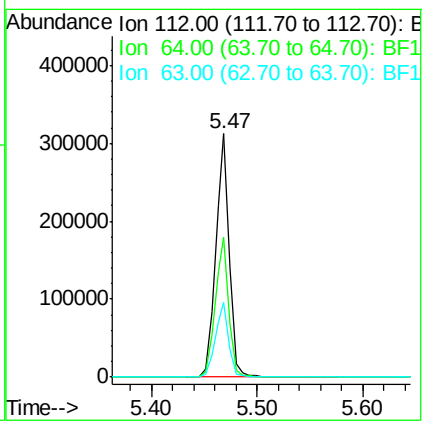


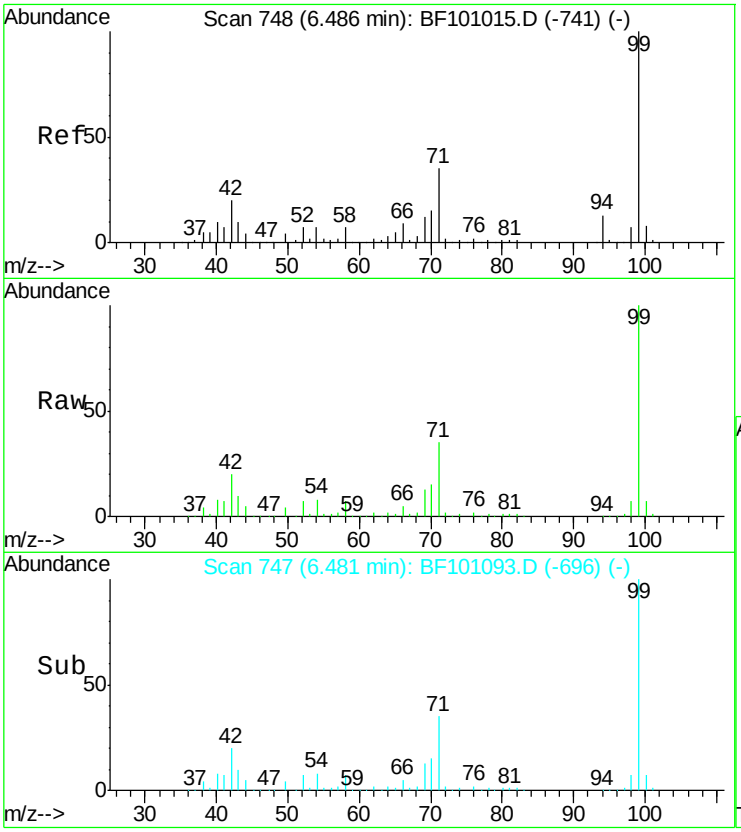


#5
2-Fluorophenol
Concen: 94.40 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Tgt Ion:112 Resp: 283630

Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	30.8	23.7	35.5



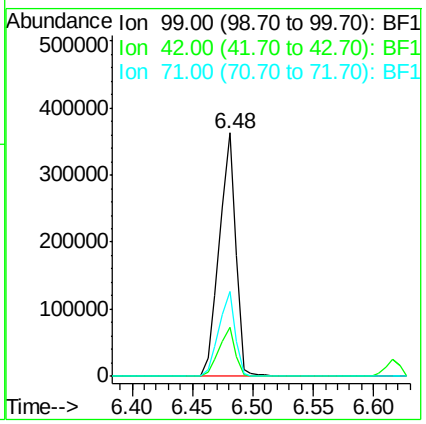


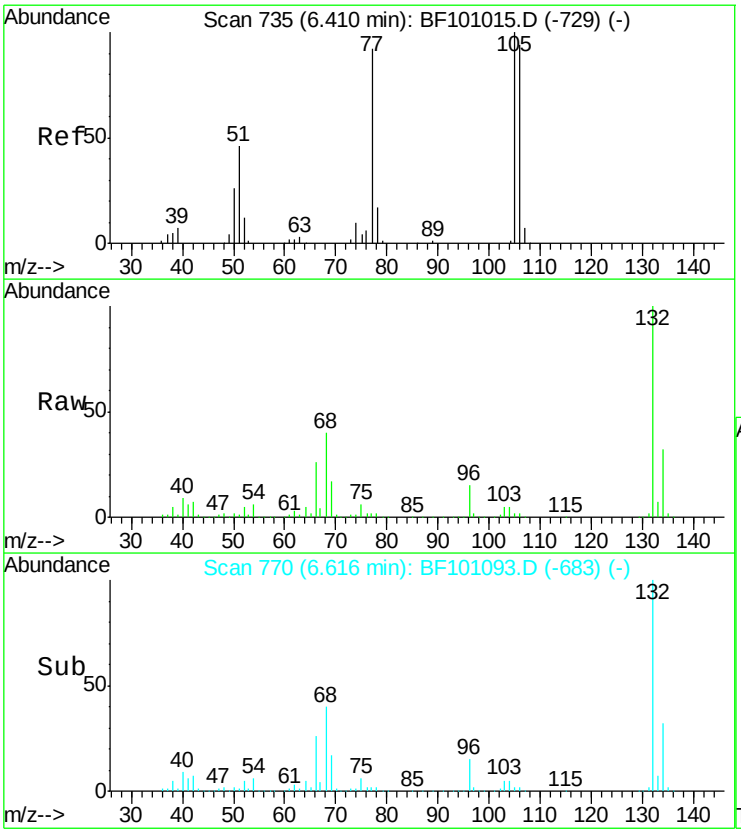
#7
Phenol-d6
Concen: 93.80 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 342172

Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	34.6	25.4	38.0

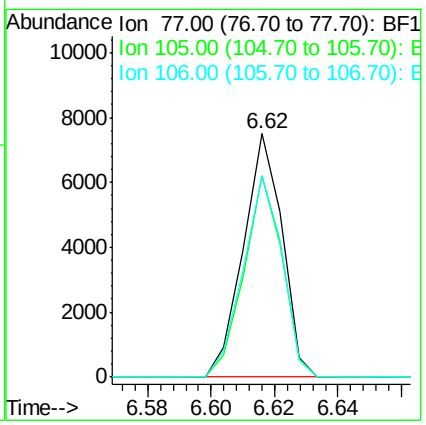


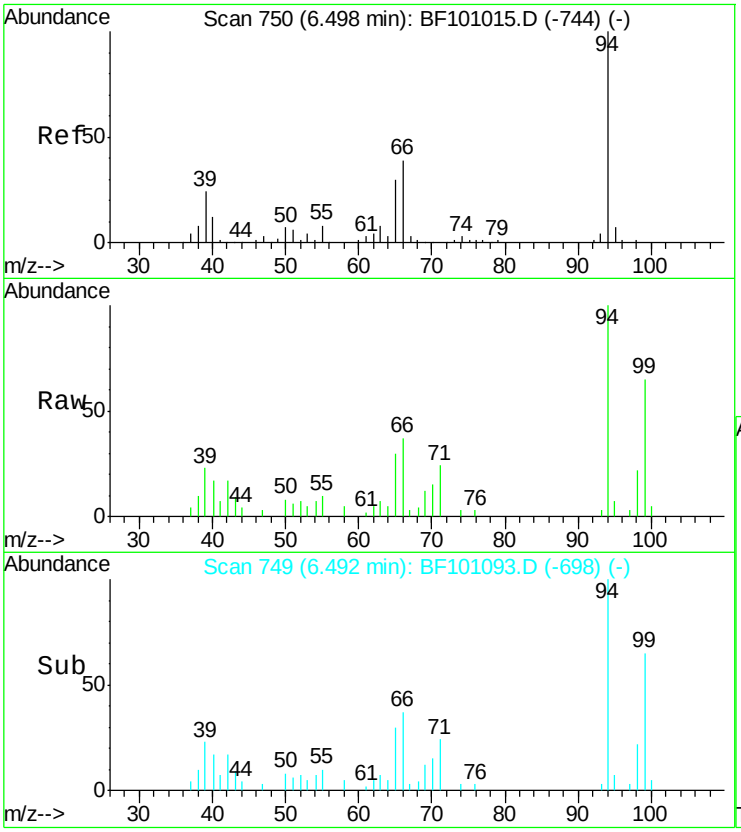


#9
Benzaldehyde
Concen: 2.85 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.21 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Tgt Ion: 77 Resp: 6356

Ion	Ratio	Lower	Upper
77	100		
105	82.6	81.1	121.1
106	82.5	74.5	114.5



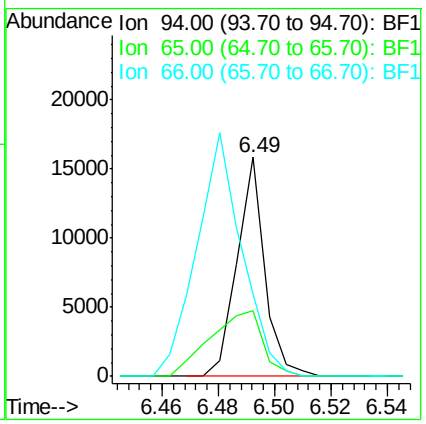


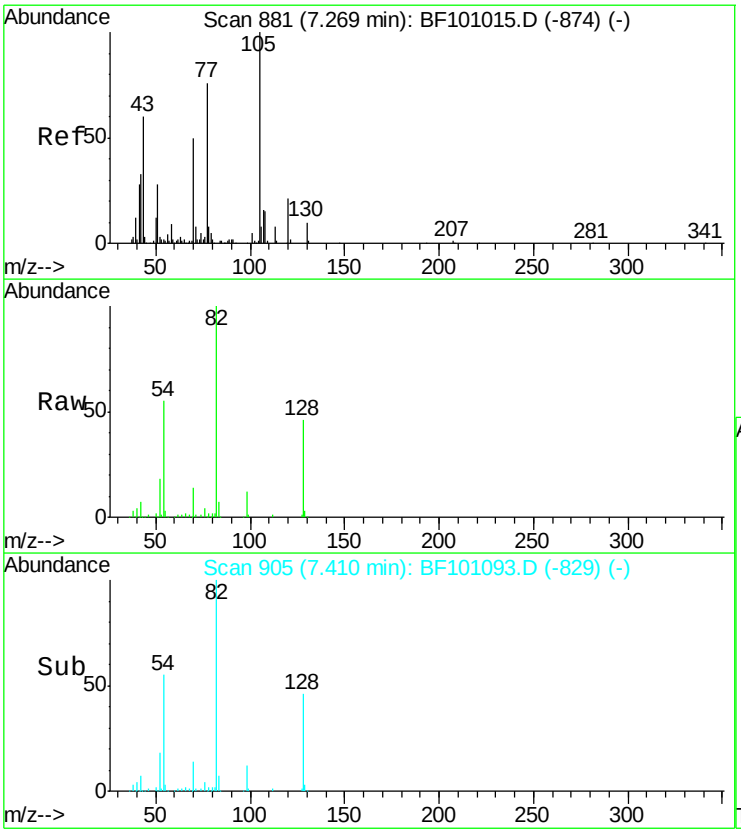
#10
Phenol
Concen: 2.66 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 10809

Ion	Ratio	Lower	Upper
94	100		
65	29.9	7.9	47.9
66	37.5	16.2	56.2

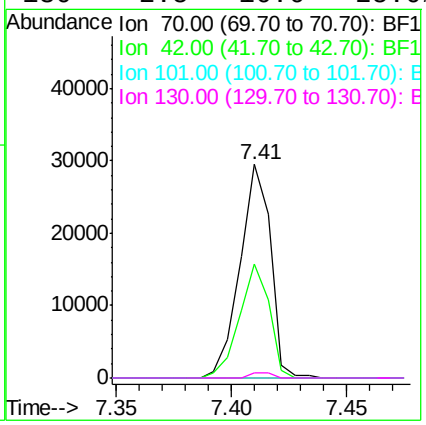


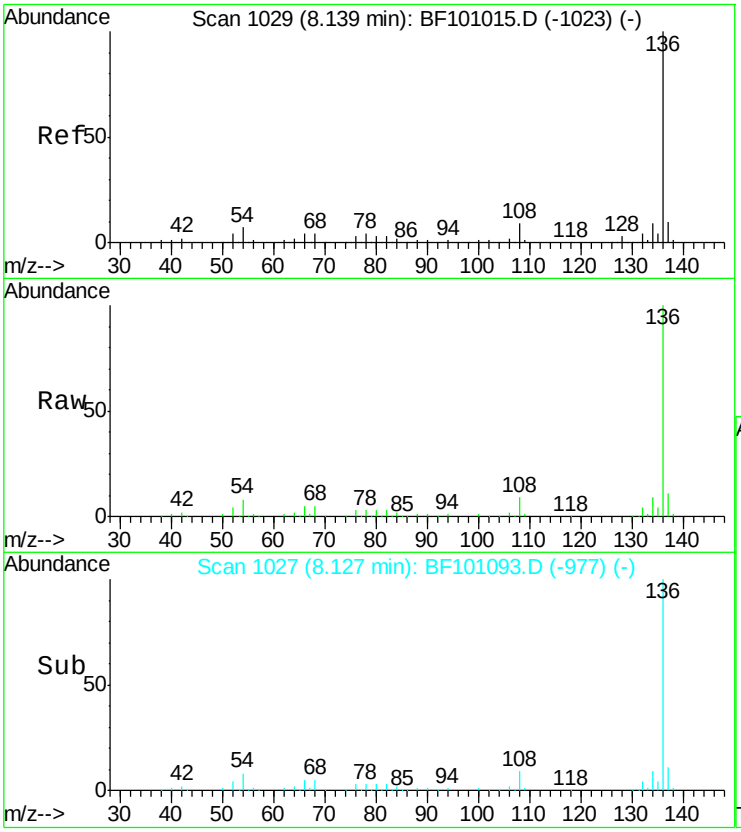


#19
n-Nitroso-di-n-propylamine
Concen: 11.15 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Tgt Ion: 70 Resp: 27402

Ion	Ratio	Lower	Upper
70	100		
42	53.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



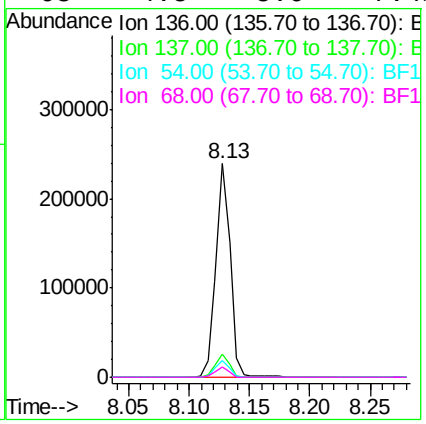


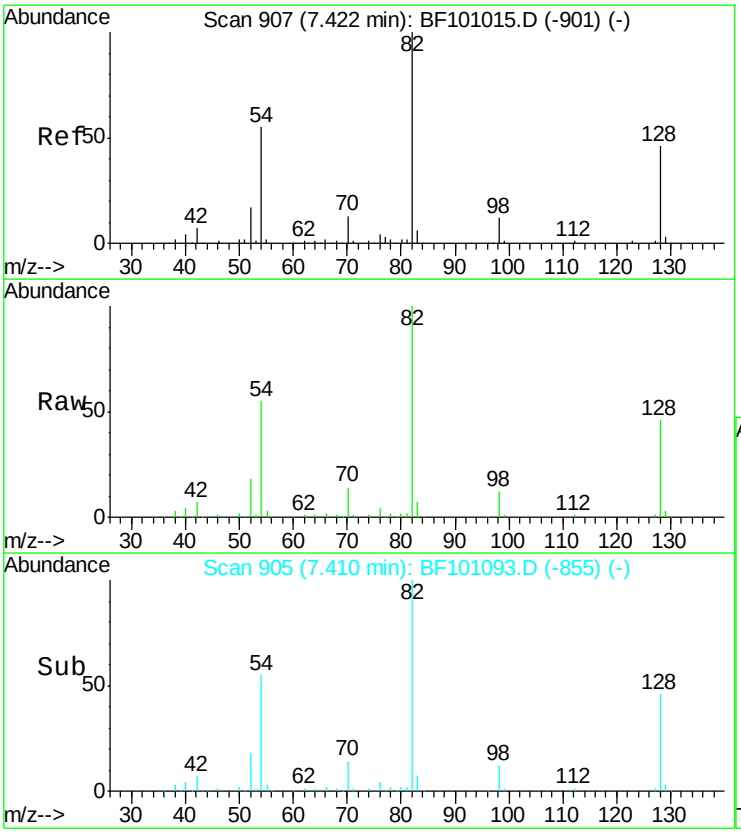
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 193682

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.5	6.6	9.8
68	4.5	5.0	7.4#

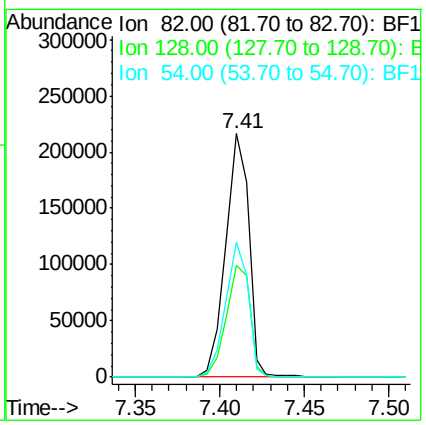


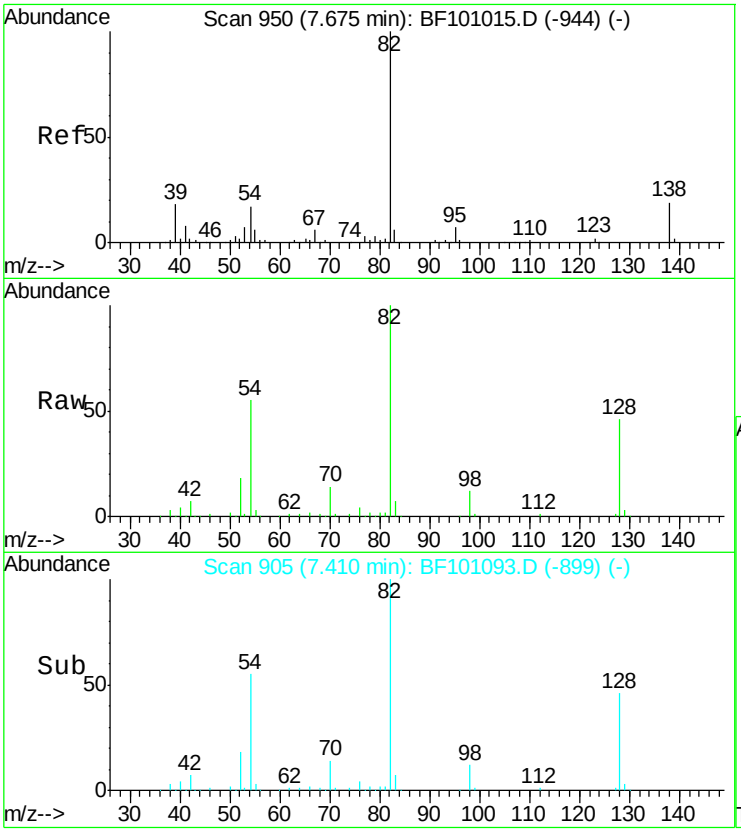


#23
Nitrobenzene-d5
Concen: 63.33 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Tgt Ion: 82 Resp: 205624

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	55.2	41.4	62.2



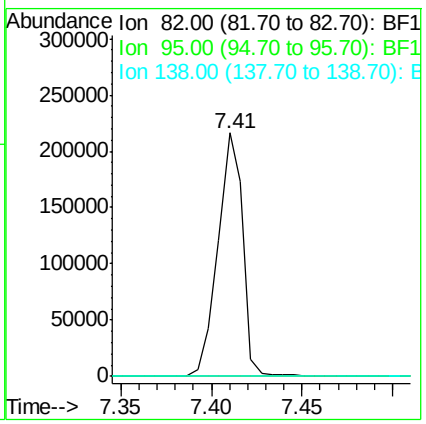


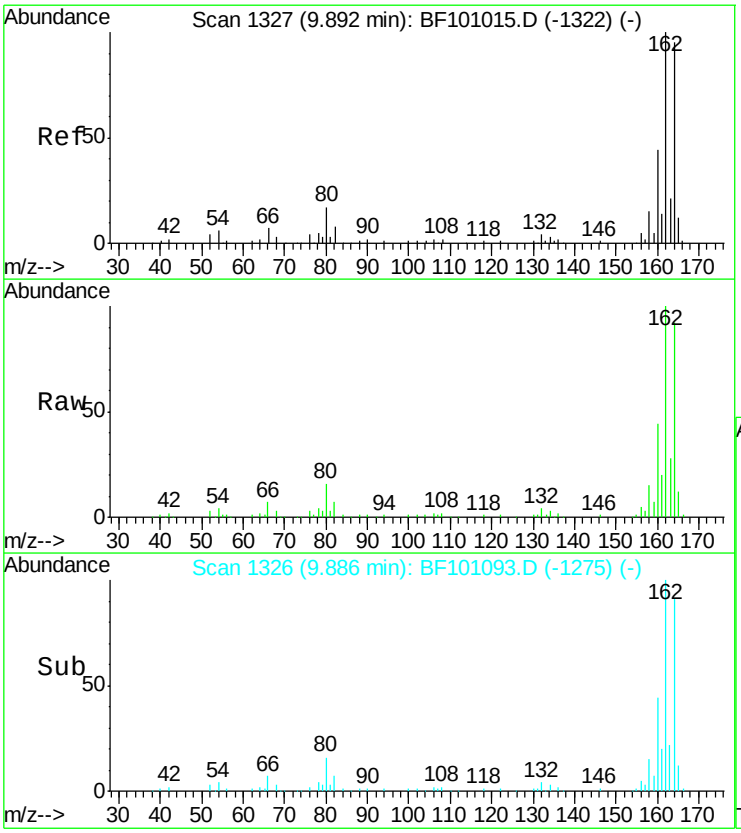
#25
Isophorone
Concen: 37.08 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 205621

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

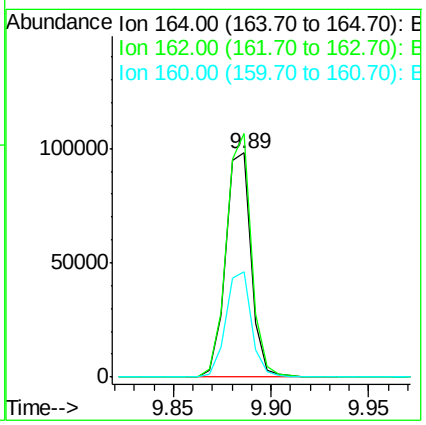


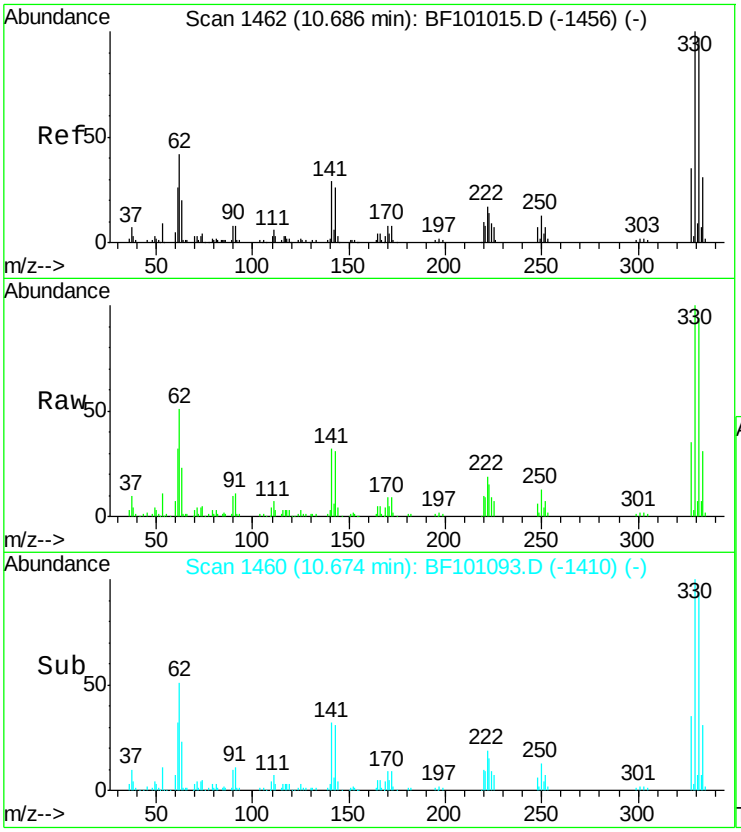


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Tgt Ion:164 Resp: 88969

Ion	Ratio	Lower	Upper
164	100		
162	108.6	86.1	129.1
160	47.3	38.3	57.5



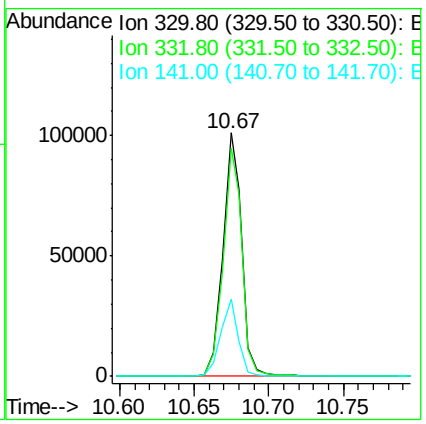


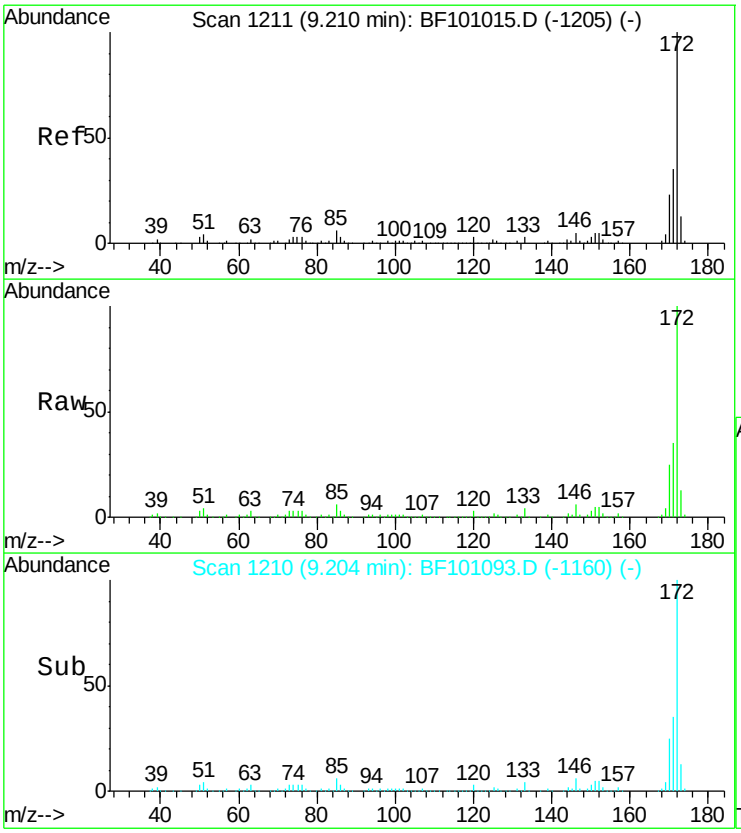
#41
2,4,6-Tribromophenol
Concen: 84.49 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 90297

Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.0	115.6
141	29.6	29.9	44.9#

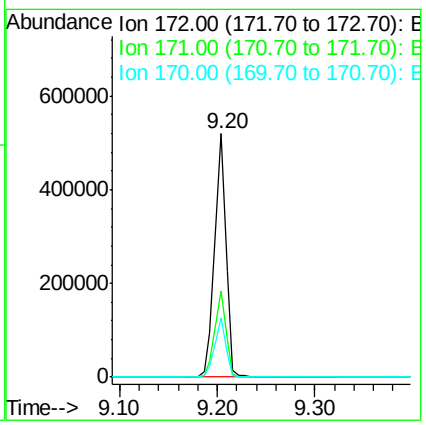


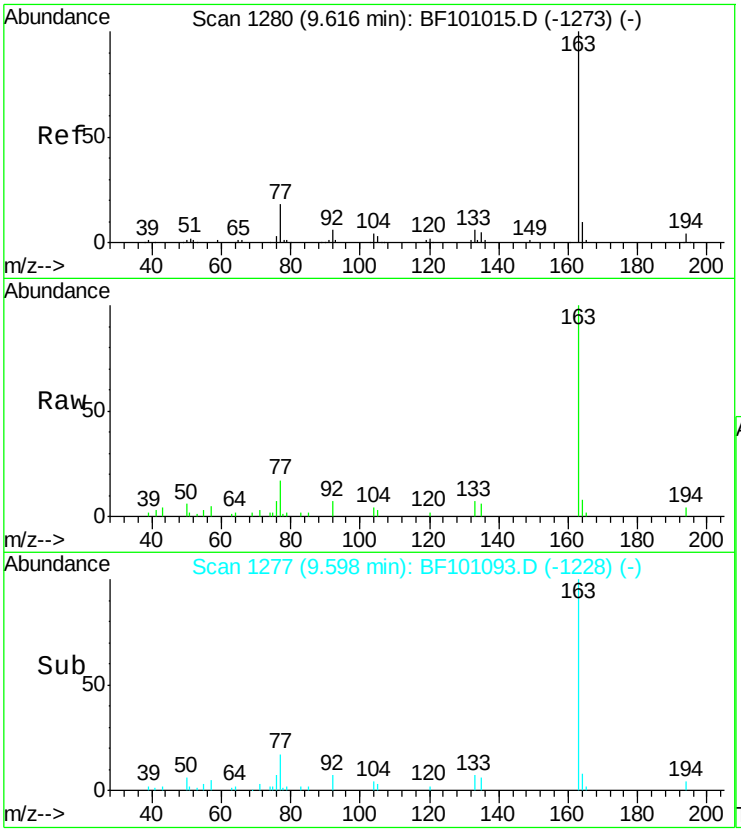


#44
2-Fluorobiphenyl
Concen: 65.98 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Tgt Ion:172 Resp: 429022

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	24.5	19.6	29.4



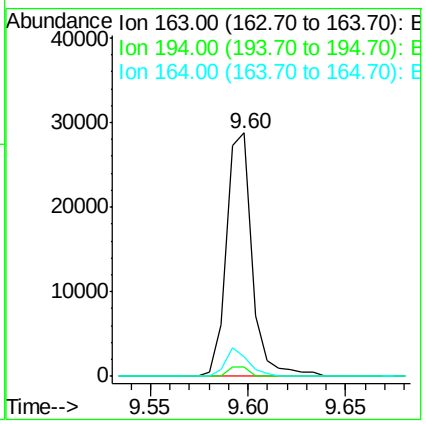


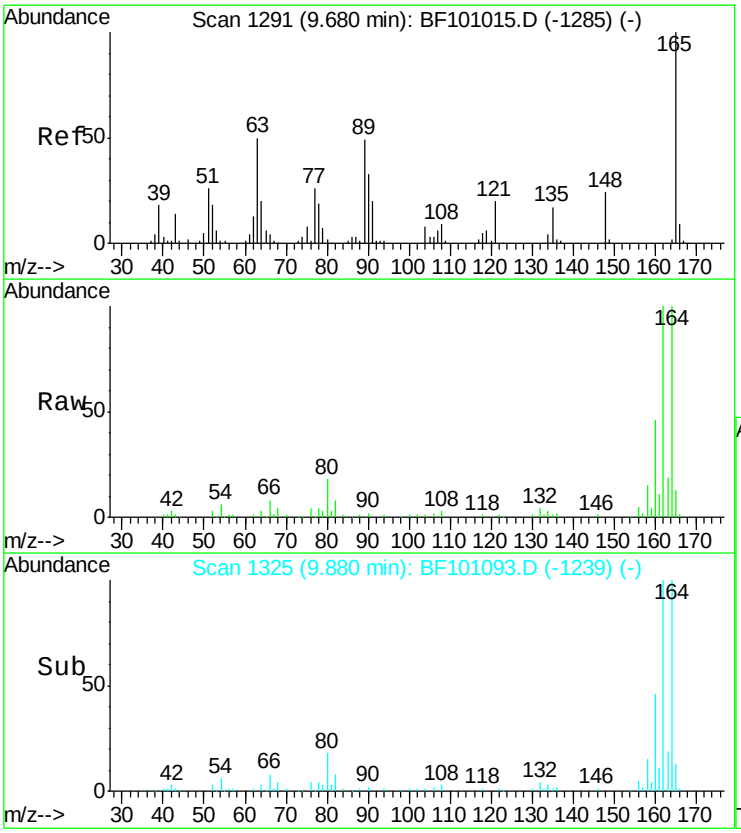
#49
Dimethylphthalate
Concen: 3.66 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 26264

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	8.1	8.2	12.2#

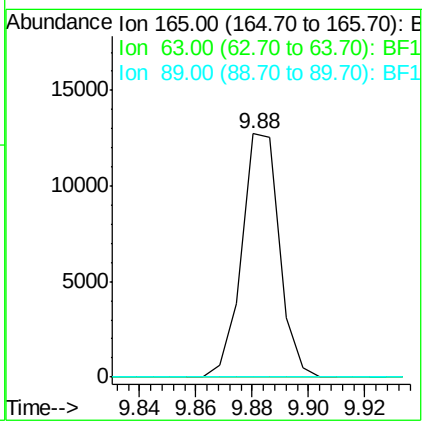


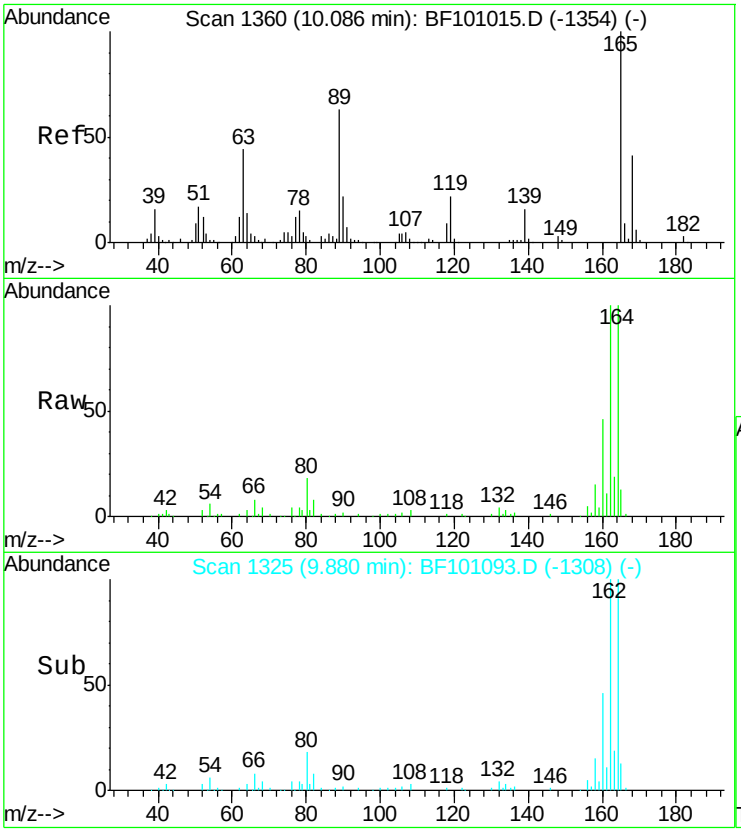


#50
2,6-Dinitrotoluene
Concen: 7.77 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Tgt Ion:165 Resp: 11738

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



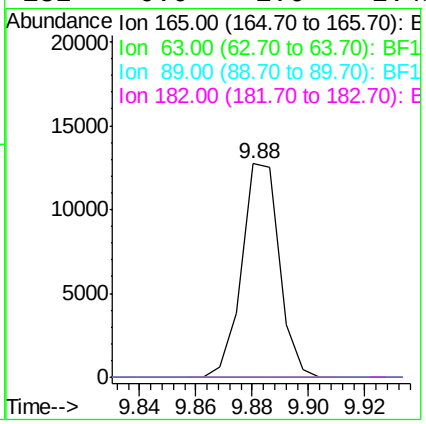


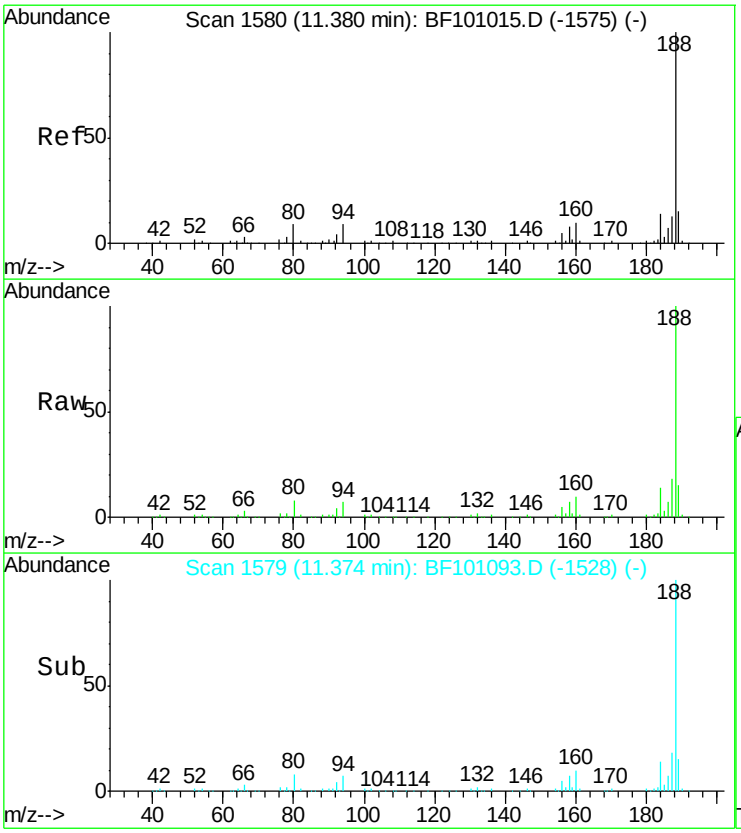
#56
2,4-Dinitrotoluene
Concen: 5.80 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.20 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11738

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#

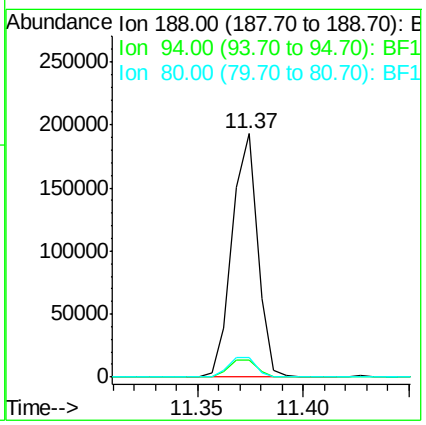


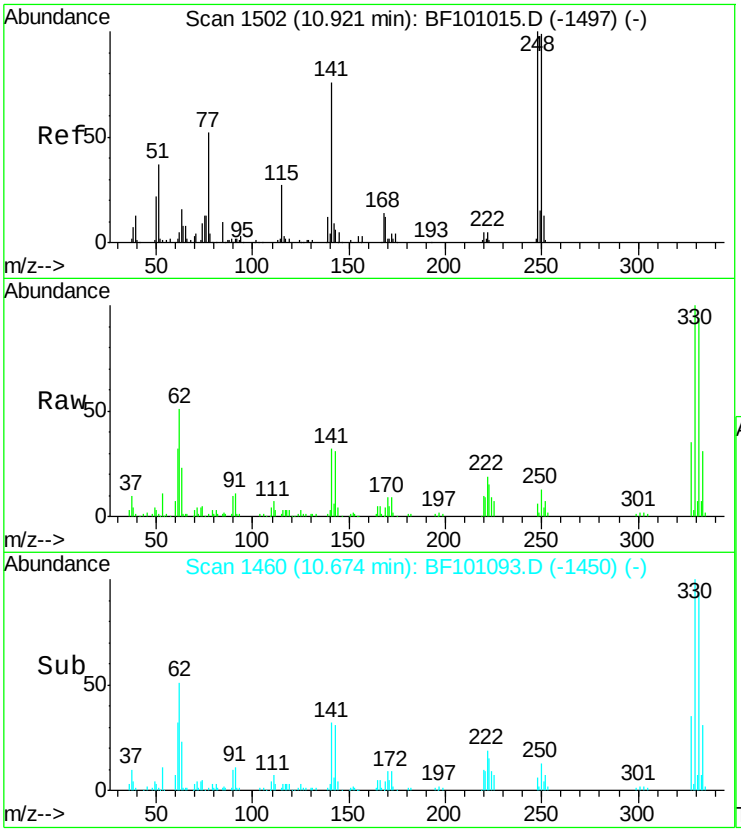


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Tgt Ion:188 Resp: 160894

Ion	Ratio	Lower	Upper
188	100		
94	7.1	8.5	12.7#
80	7.9	9.2	13.8#



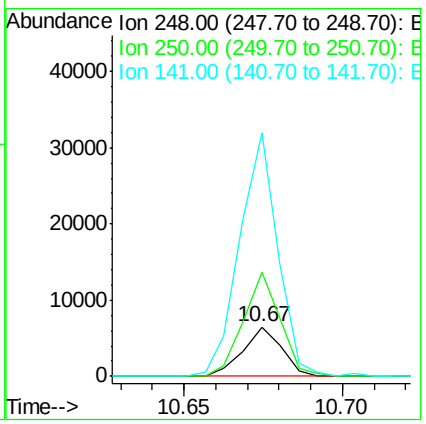


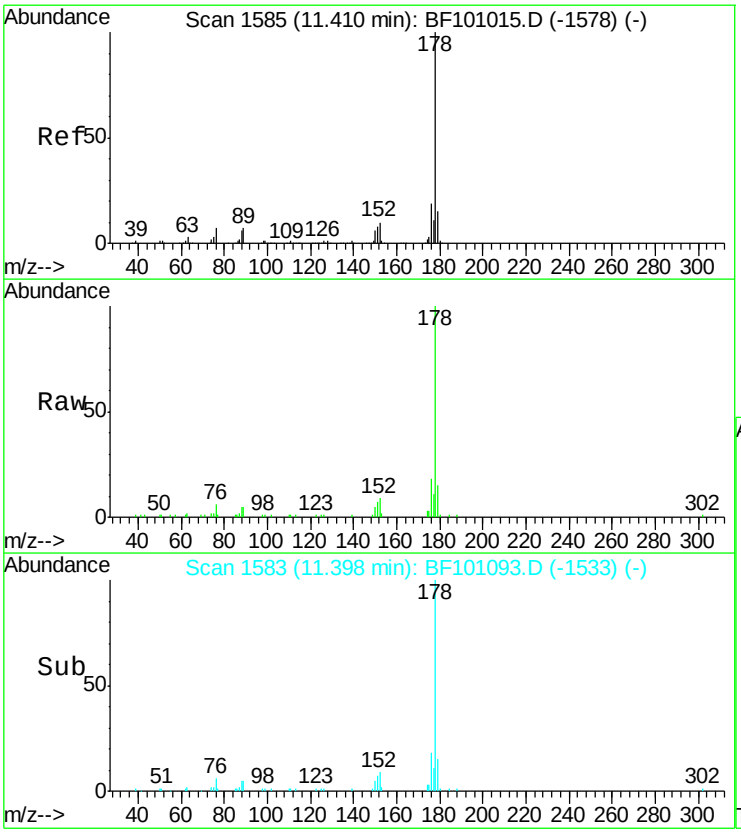
#66
4-Bromophenyl-phenylether
Concen: 3.04 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 5477

Ion	Ratio	Lower	Upper
248	100		
250	209.6	76.9	115.3#
141	491.4	74.4	111.6#

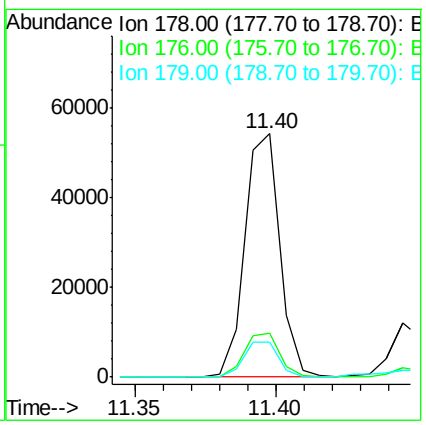


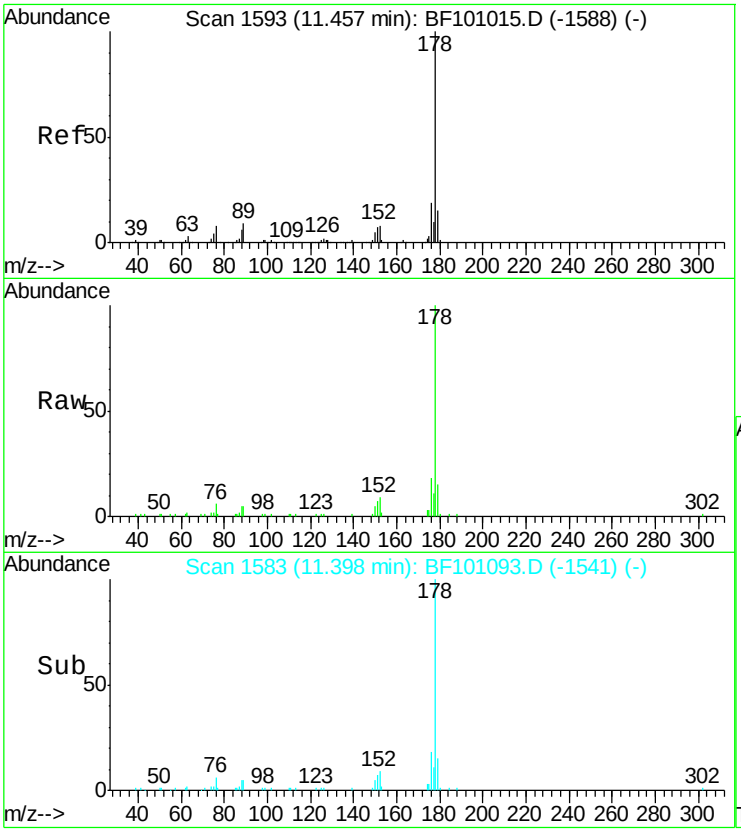


#70
Phenanthrene
Concen: 5.26 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Tgt Ion:178 Resp: 46590

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	14.6	13.0	19.6



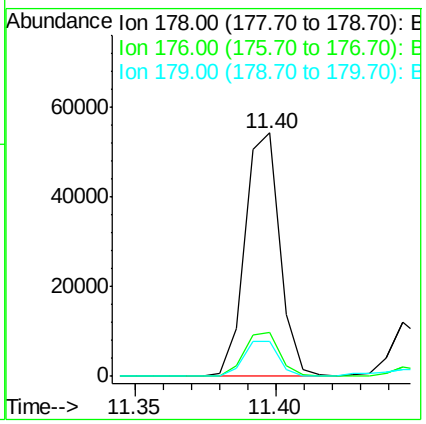


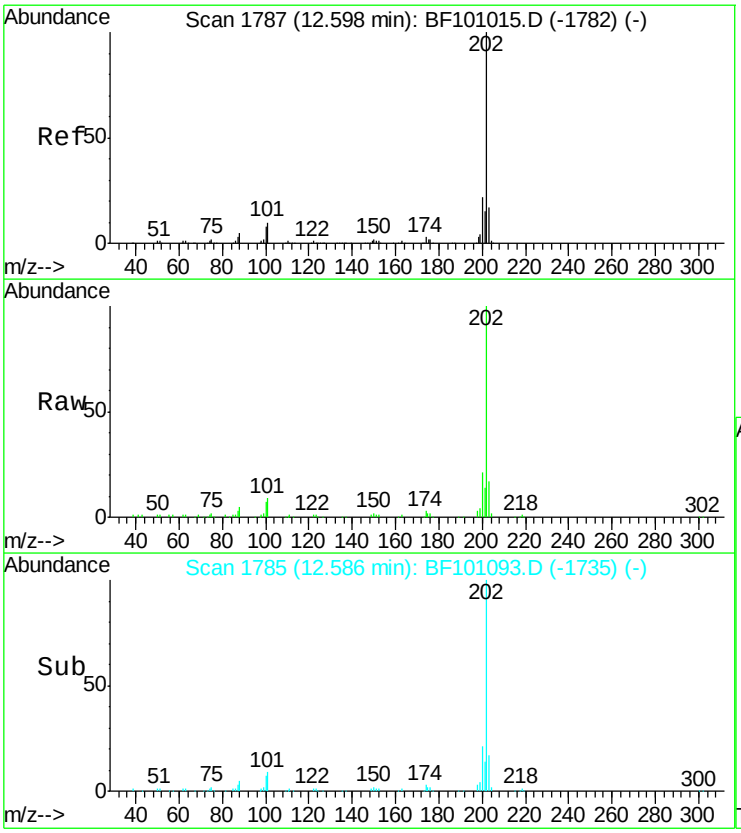
#71
Anthracene
Concen: 5.20 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.05 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 46590

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	14.6	12.6	19.0

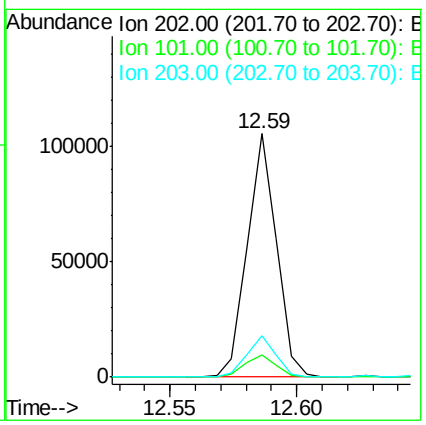


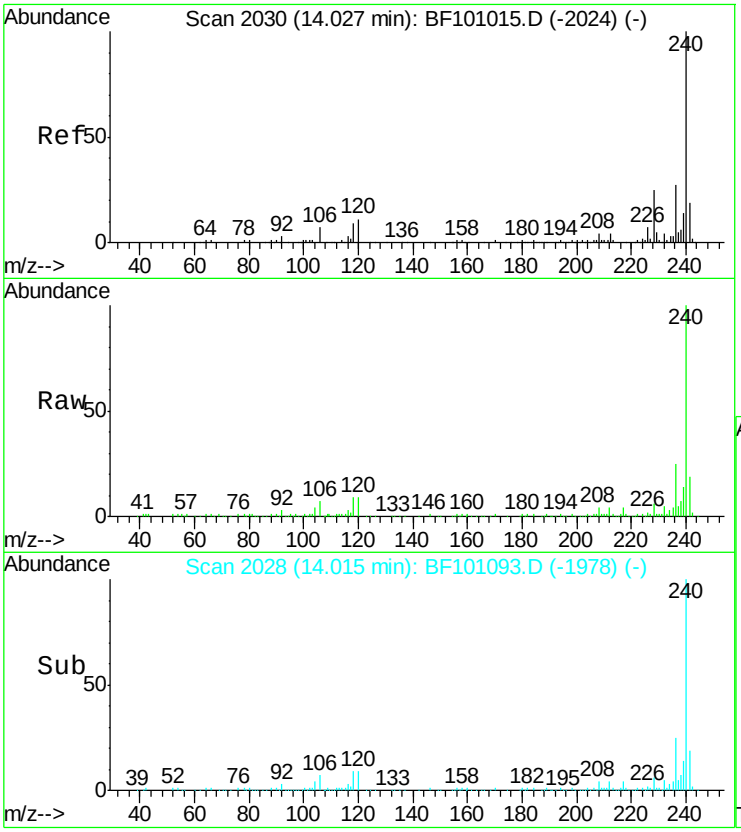


#74
Fluoranthene
Concen: 8.61 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Tgt Ion:202 Resp: 84523

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	34.1
203	16.9	0.0	38.1



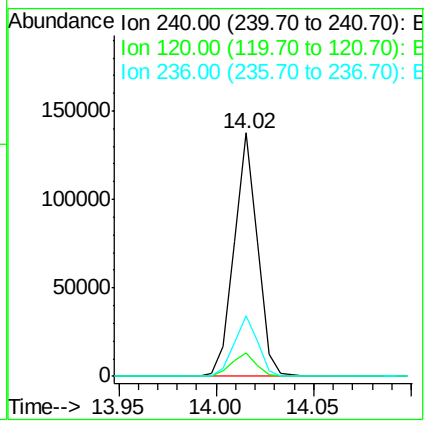


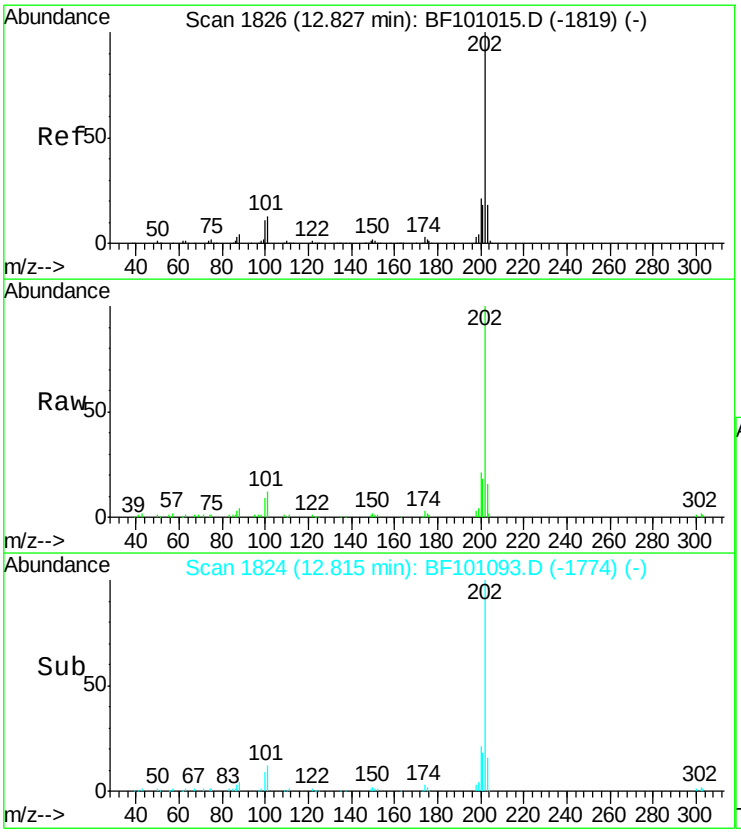
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 114158

Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	24.8	20.7	31.1

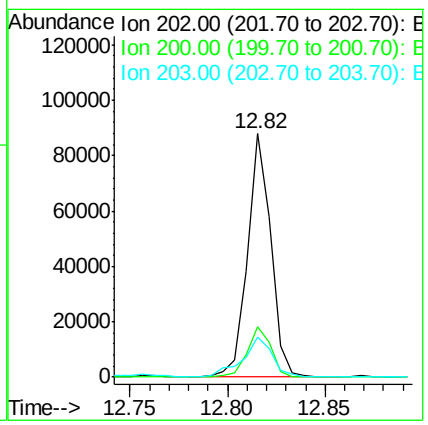


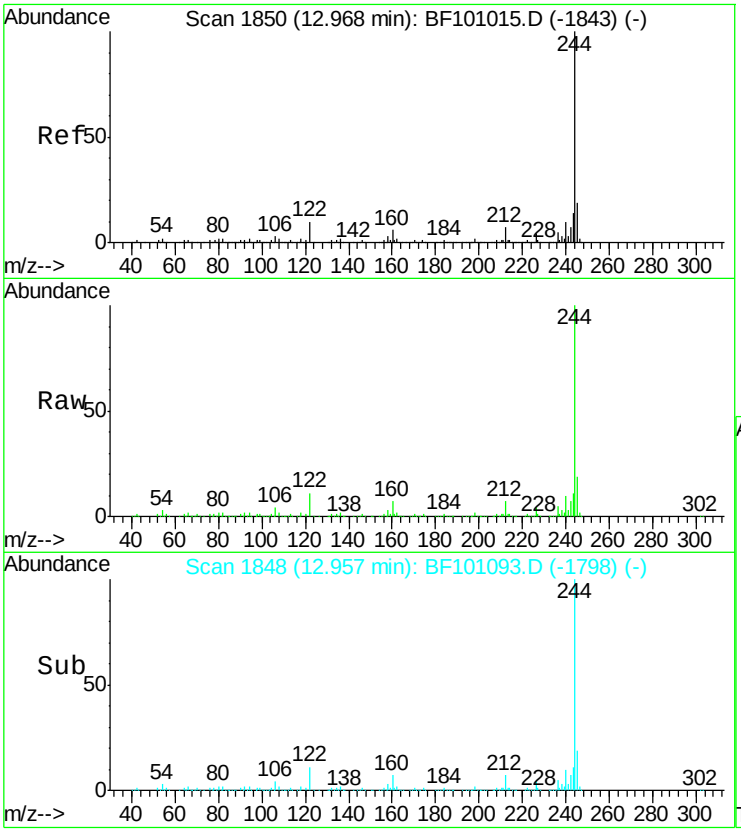


#77
Pyrene
Concen: 9.23 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Tgt Ion:202 Resp: 72726

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	16.5	14.3	21.5



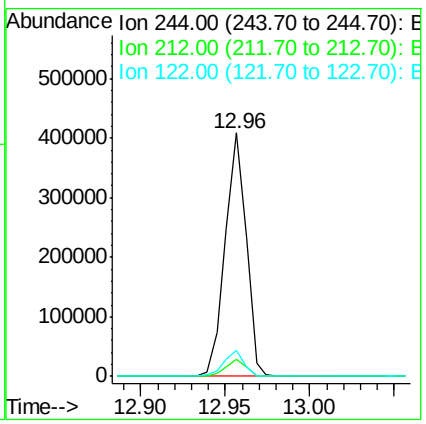


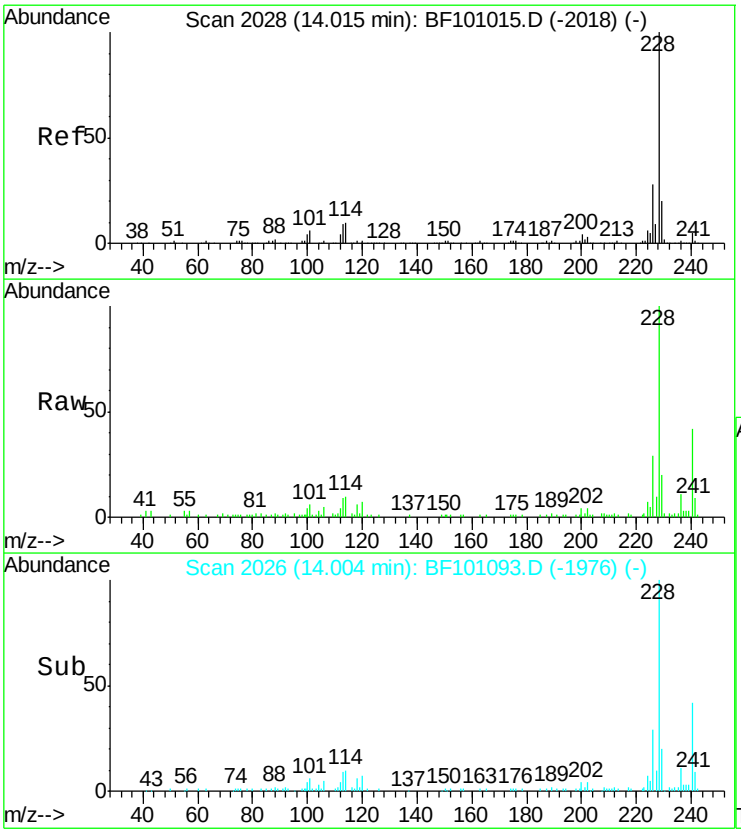
#78
Terphenyl-d14
Concen: 67.49 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 352238

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.6	11.0	16.4#

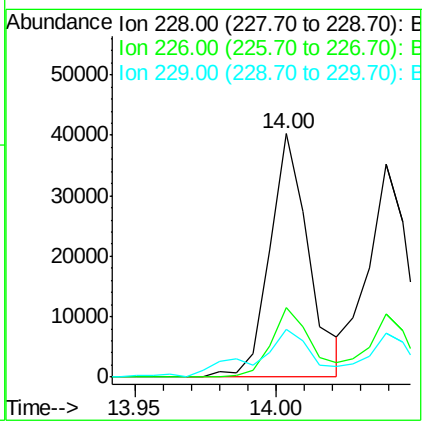


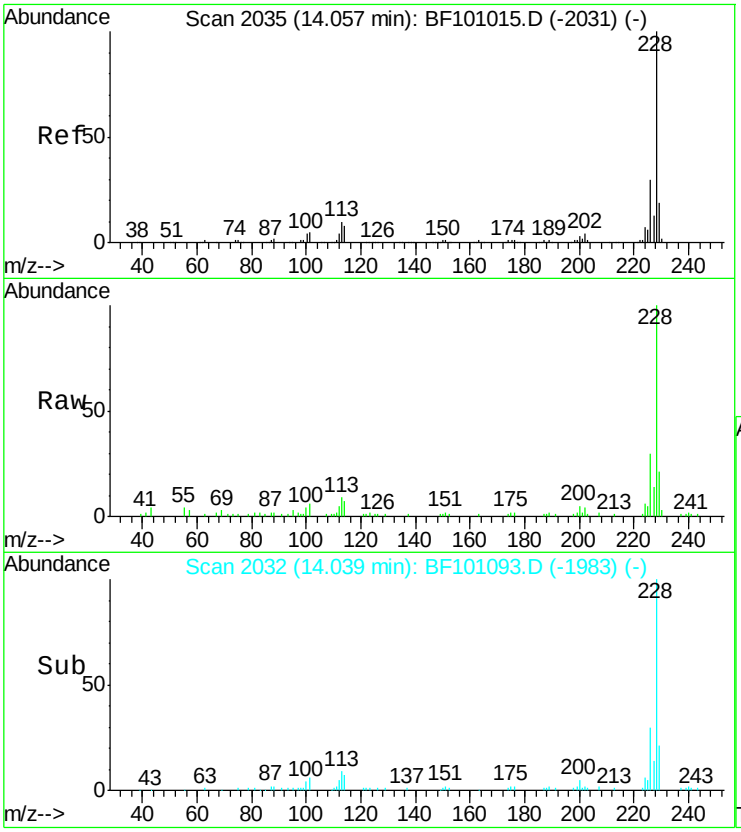


#80
Benzo(a)anthracene
Concen: 5.36 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Tgt Ion:228 Resp: 38639

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	19.8	15.8	23.6



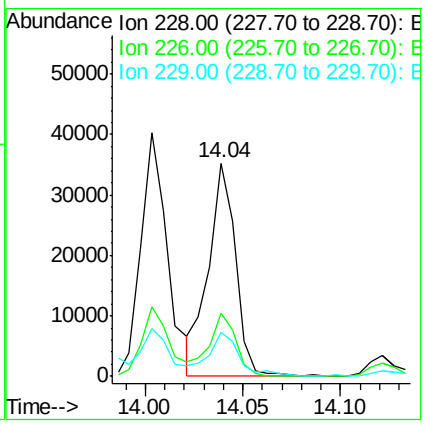


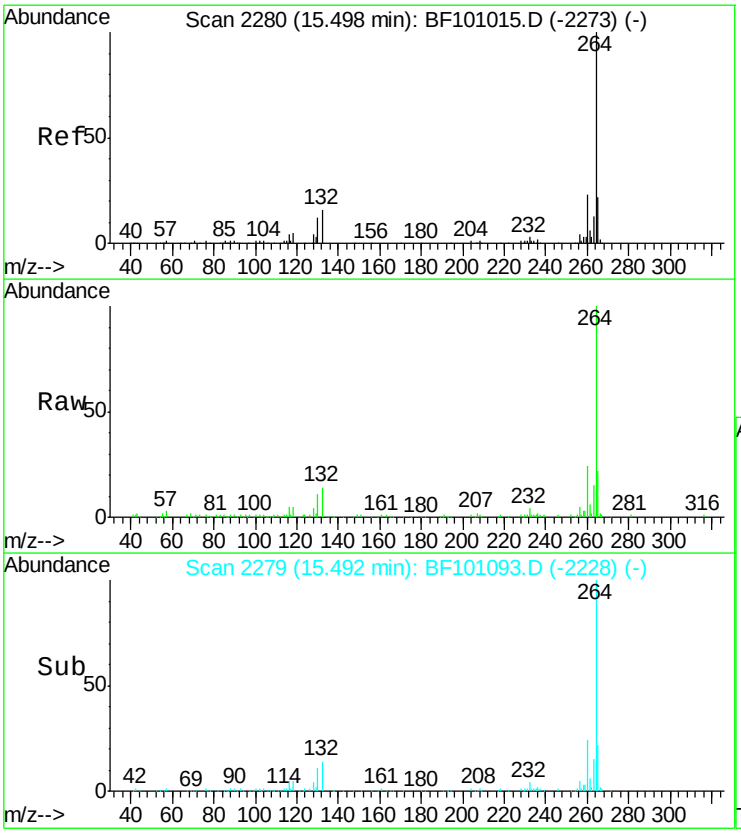
#82
Chrysene
Concen: 5.13 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 34336

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	20.7	16.2	24.4

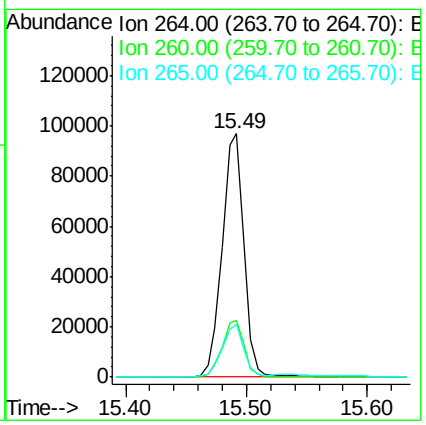


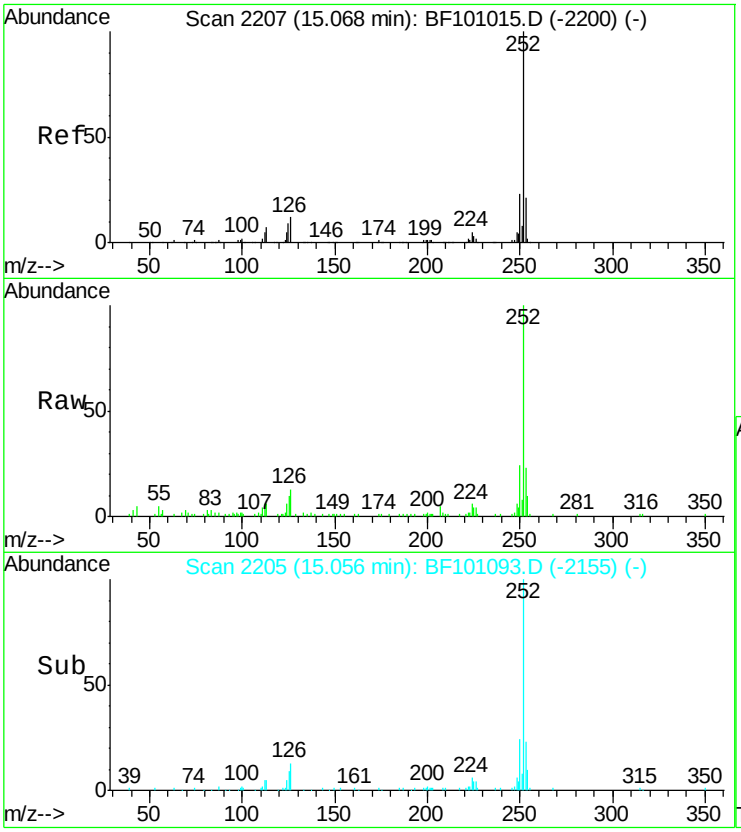


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Tgt Ion:264 Resp: 120852

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.0	17.5	26.3



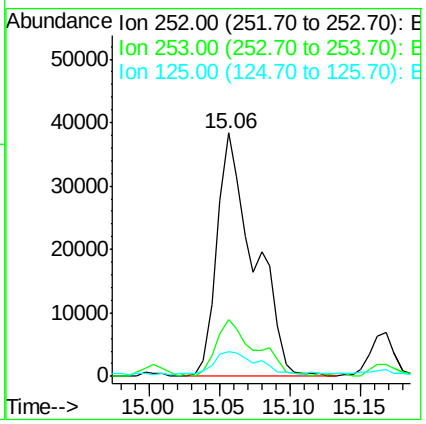


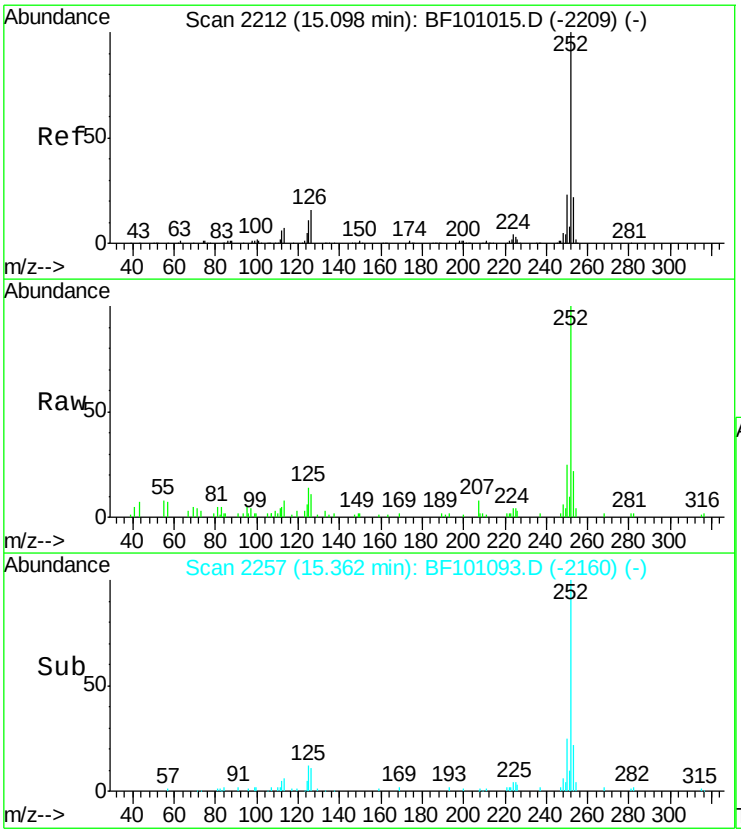
#87
Benzo(b)fluoranthene
Concen: 9.74 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 70497

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	9.9	9.0	13.6

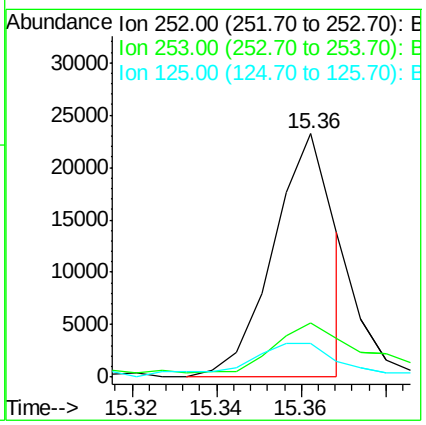


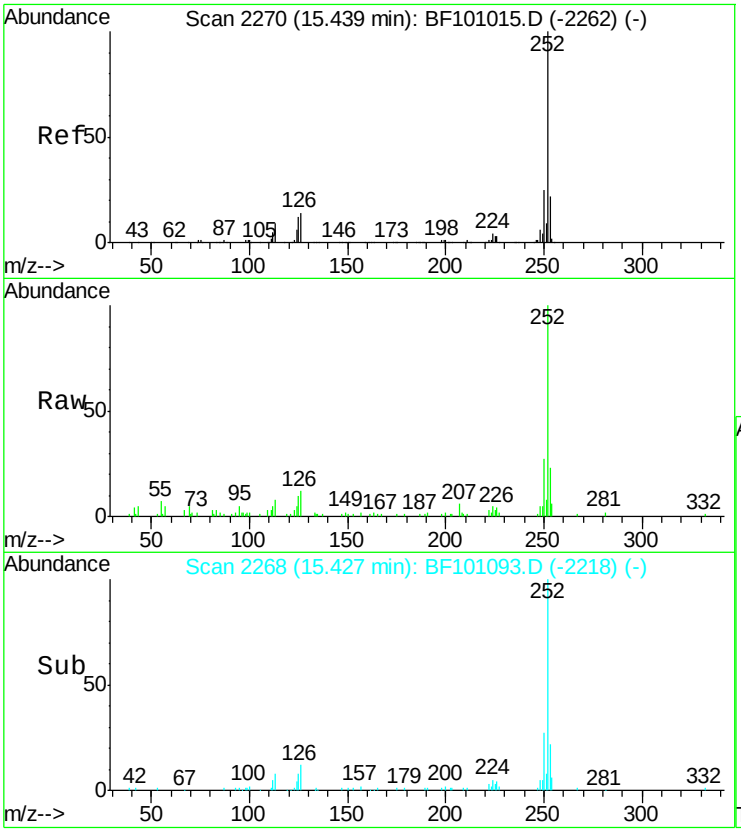


#88
Benzo(k)fluoranthene
Concen: 3.24 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.27 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Tgt Ion:252 Resp: 23142

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	14.0	10.2	15.2



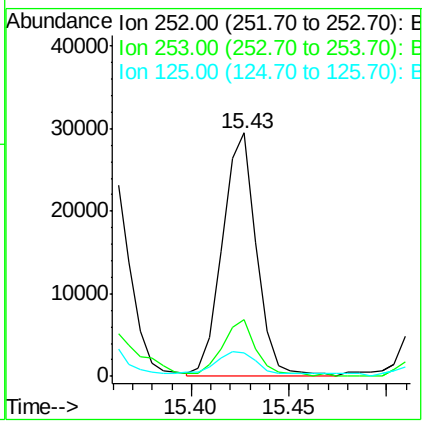


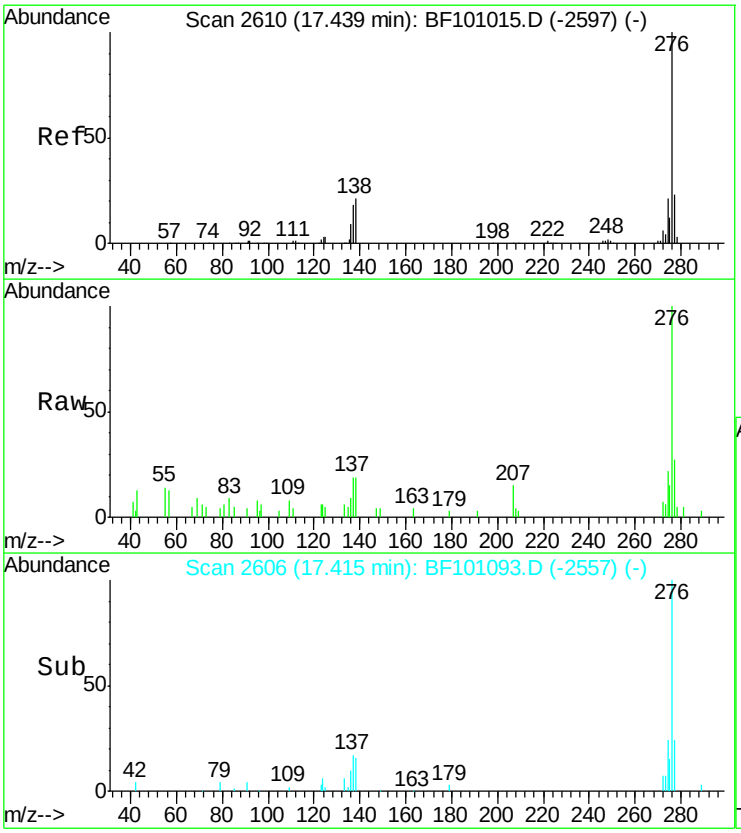
#89
Benzo(a)pyrene
Concen: 5.46 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 35899

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	9.9	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.14 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BF101093.D
Acq: 4 Dec 2017 13:09

Tgt Ion:276 Resp: 22609

Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.9	26.9
138	19.4	21.8	32.8#