Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101033.D
Acq On : 30 Nov 2017 22:25
Operator : SJ/JU
Sample : I6300-07 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 01 00:38:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 16:01:41 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	50195	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	175978	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	63401	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	110574	20.00	ng		0.00
75) Chrysene-d12	14.03	240	125818	20.00	ng		0.00
86) Perylene-d12	15.50	264	91580	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	63738	20.98	ng		0.00
7) Phenol-d6	6.48	99	75578	20.49	ng		0.00
23) Nitrobenzene-d5	7.41	82	41955	14.22	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	13054	17.14	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	84504	18.24	ng		0.00
78) Terphenyl-d14	12.96	244	72045	12.52	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	5597	2.253	ng	#	84
25) Isophorone	7.41	82	41955	8.326	ng	#	64
50) 2,6-Dinitrotoluene	9.89	165	8454	7.850	ng	#	24
51) Acenaphthene	9.92	154	11391	2.806	ng		93
55) 4-Nitrophenol	10.09	139	3162	3.871	ng	#	9
56) 2,4-Dinitrotoluene	9.89	165	8454	5.857	ng	#	21
57) Fluorene	10.44	166	15462	3.251	ng		99
70) Phenanthrene	11.40	178	143208	23.518	ng		98
71) Anthracene	11.46	178	35995	5.841	ng		97
74) Fluoranthene	12.60	202	236630	35.057	ng		94
77) Pyrene	12.83	202	221627	25.528	ng		99
80) Benzo(a)anthracene	14.02	228	116405	14.653	ng		99
82) Chrysene	14.05	228	98629	13.369	ng		98
85) Indeno(1,2,3-cd)pyrene	16.98	276	29082	4.434	ng		90
87) Benzo(b)fluoranthene	15.07	252	127056	23.163	ng		99
88) Benzo(k)fluoranthene	15.07	252	127056	23.510	ng		98
89) Benzo(a)pyrene	15.43	252	66207	13.276	ng		97
91) Benzo(g,h,i)perylene	17.43	276	30214	7.292	ng	#	90

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

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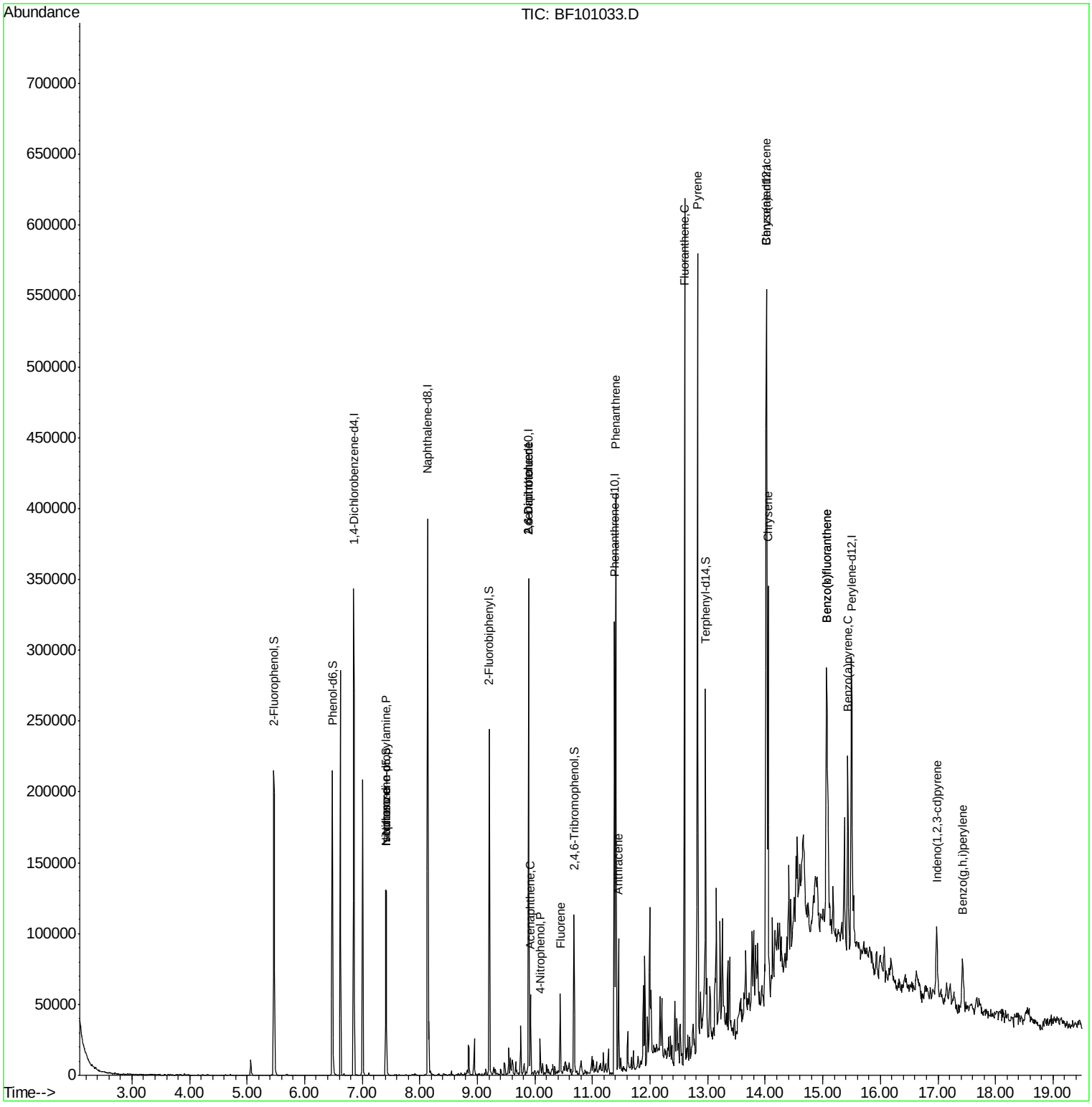
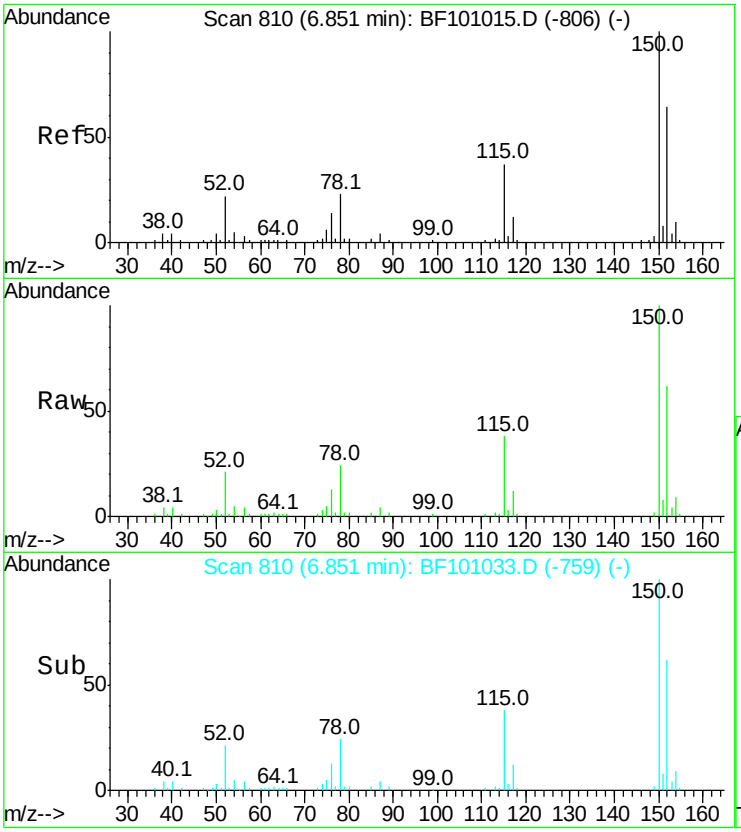


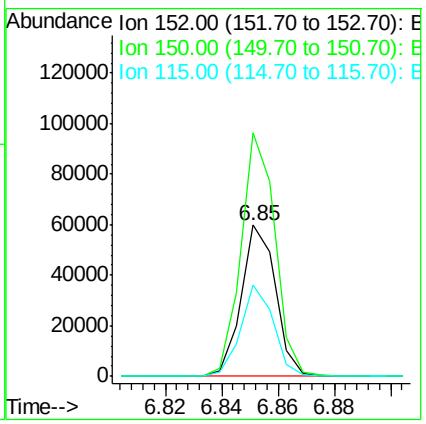


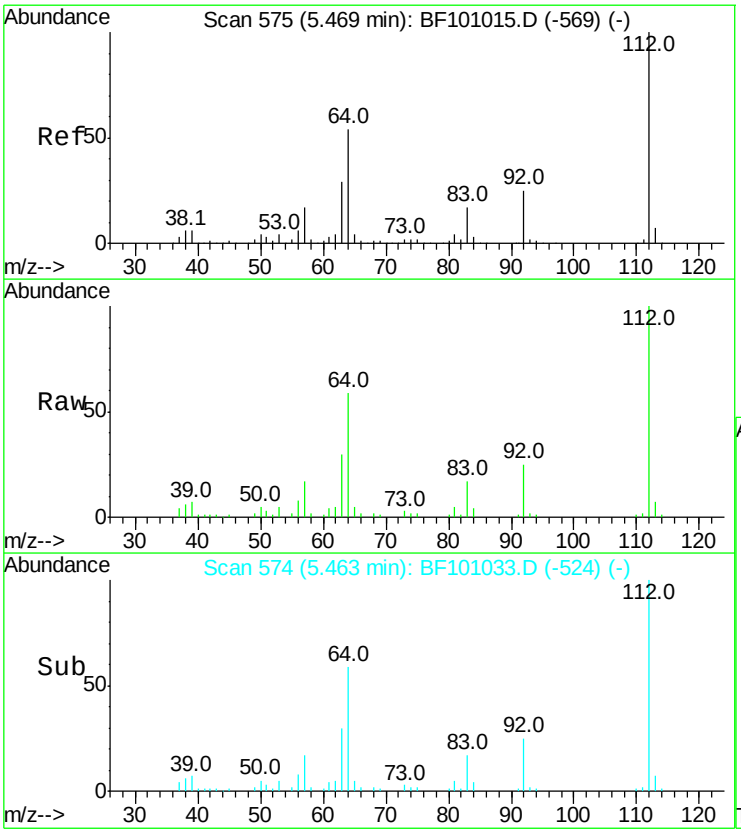
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 50195

Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.6	186.8
115	60.4	50.1	75.1

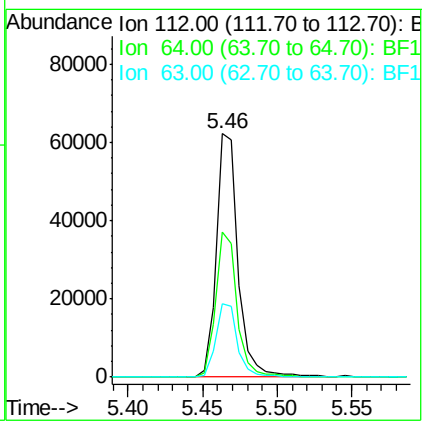


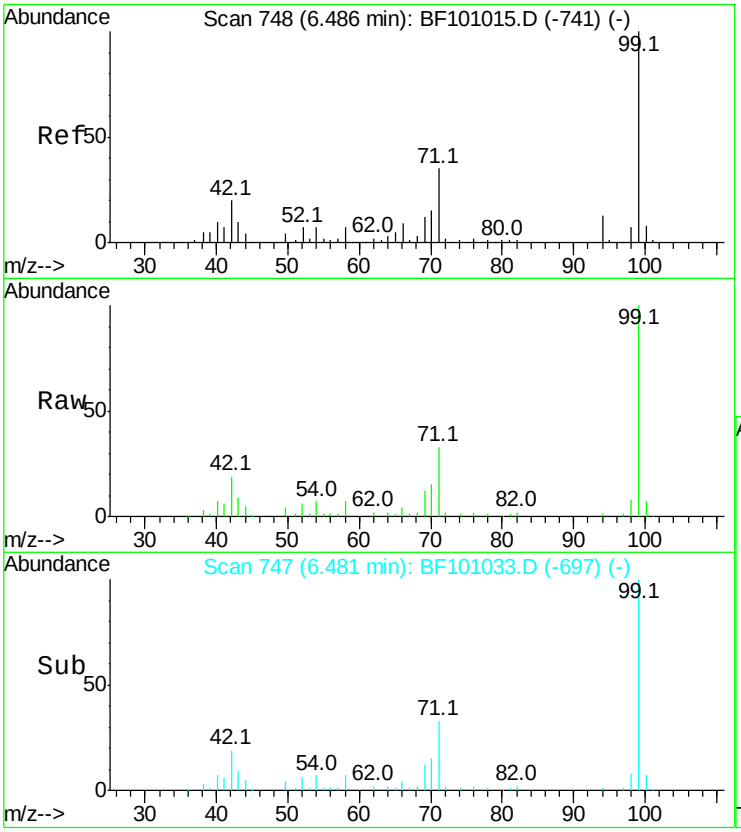


#5
2-Fluorophenol
Concen: 20.983 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Tgt Ion:112 Resp: 63738

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.2	23.7	35.5



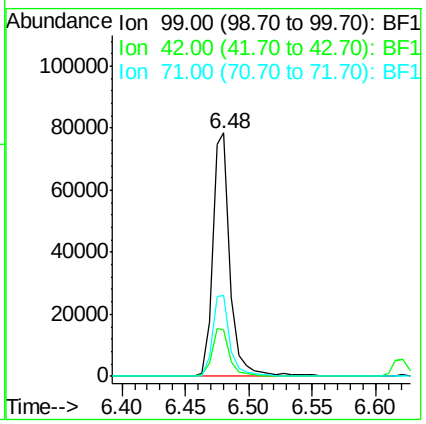


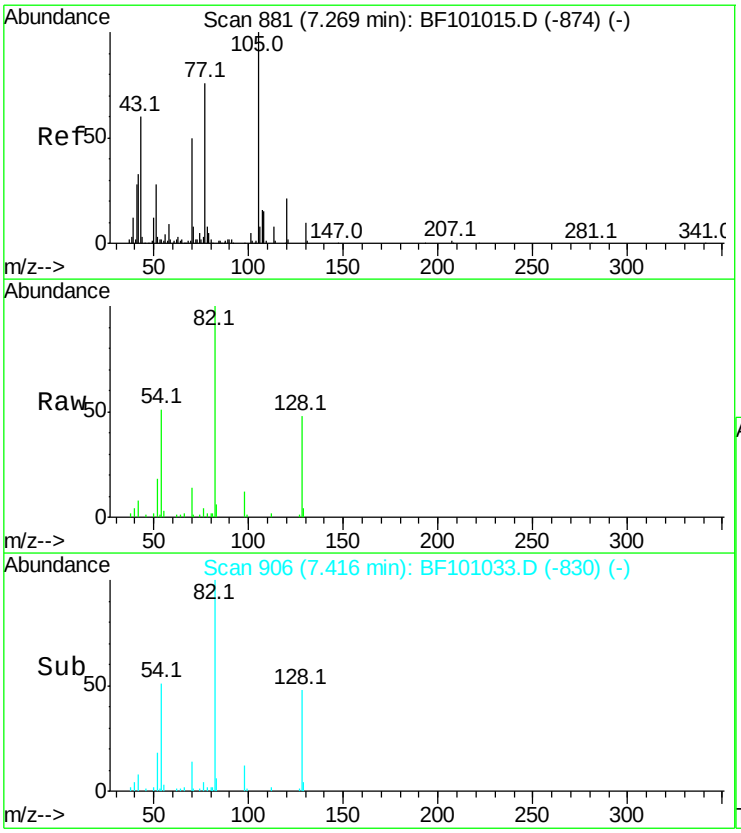
#7
Phenol-d6
Concen: 20.493 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 75578

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	33.1	25.4	38.0

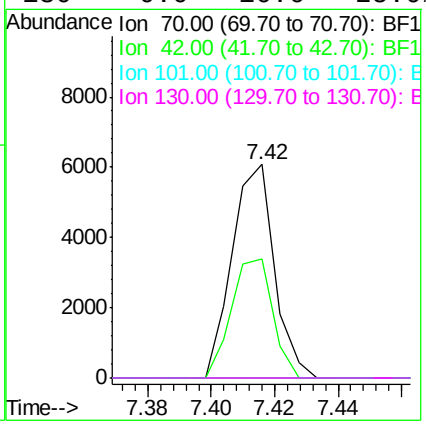


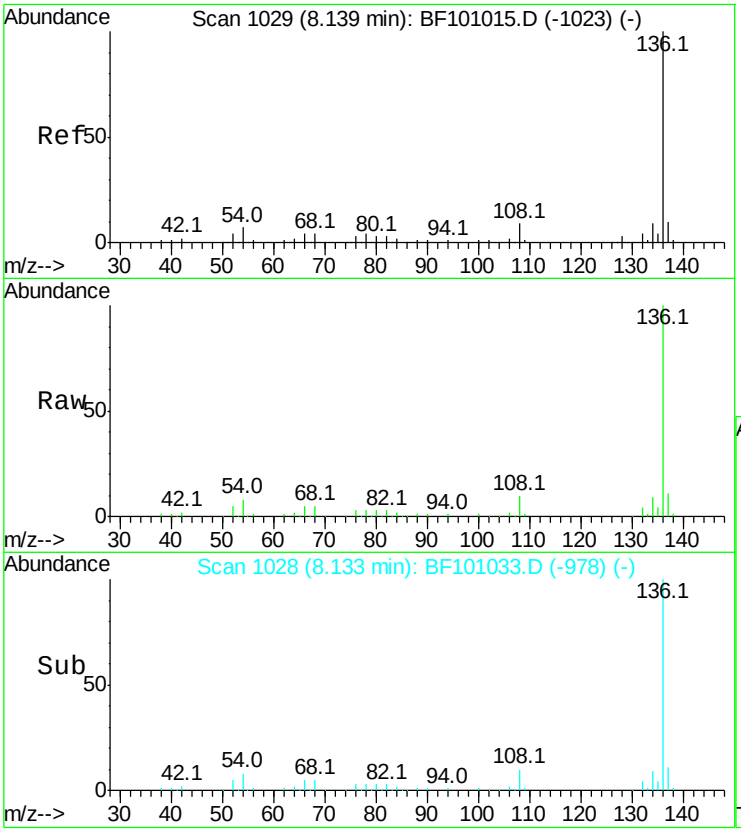


#19
n-Nitroso-di-n-propylamine
Concen: 2.253 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Tgt Ion: 70 Resp: 5597

Ion	Ratio	Lower	Upper
70	100		
42	55.6	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



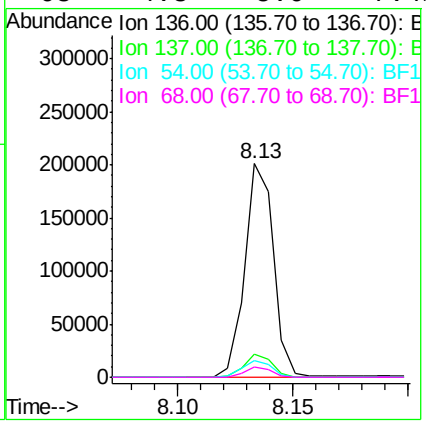


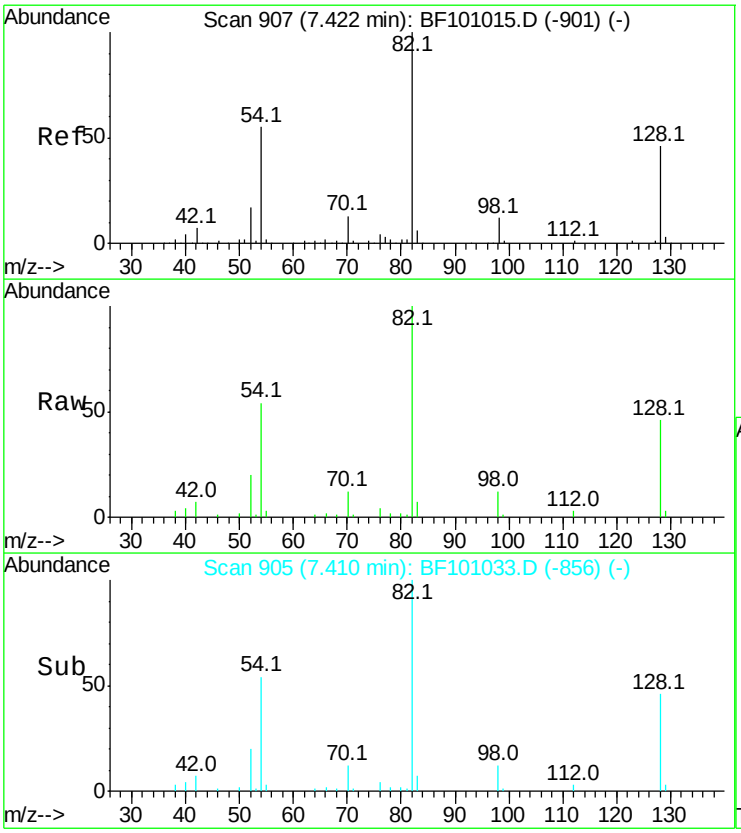
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 175978

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.9	6.6	9.8
68	4.8	5.0	7.4#

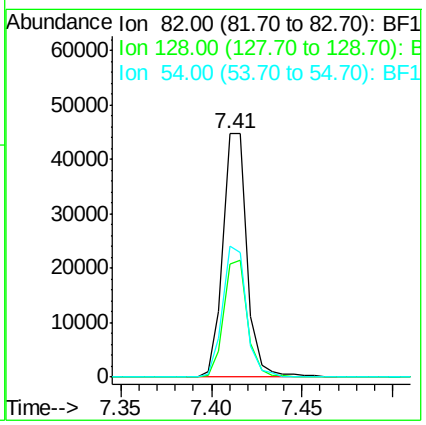


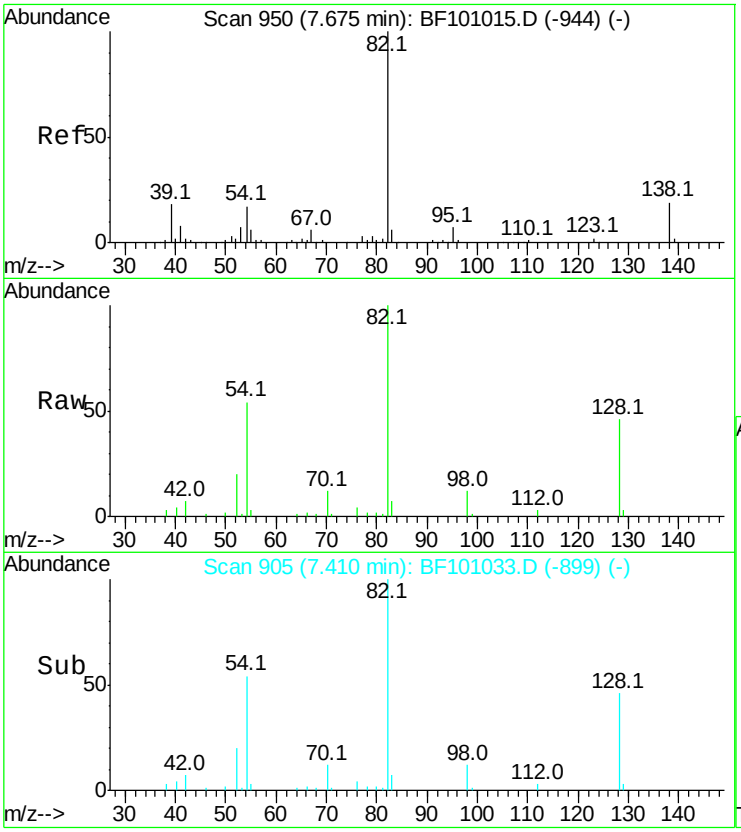


#23
Nitrobenzene-d5
Concen: 14.222 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Tgt Ion: 82 Resp: 41955

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	54.0	41.4	62.2



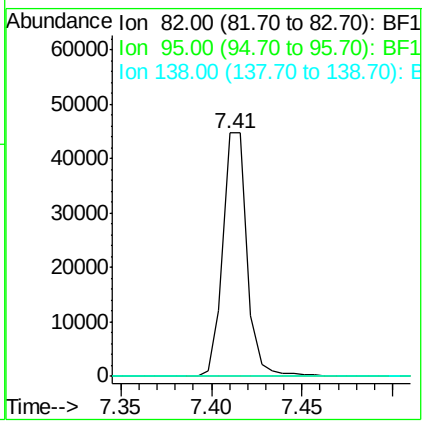


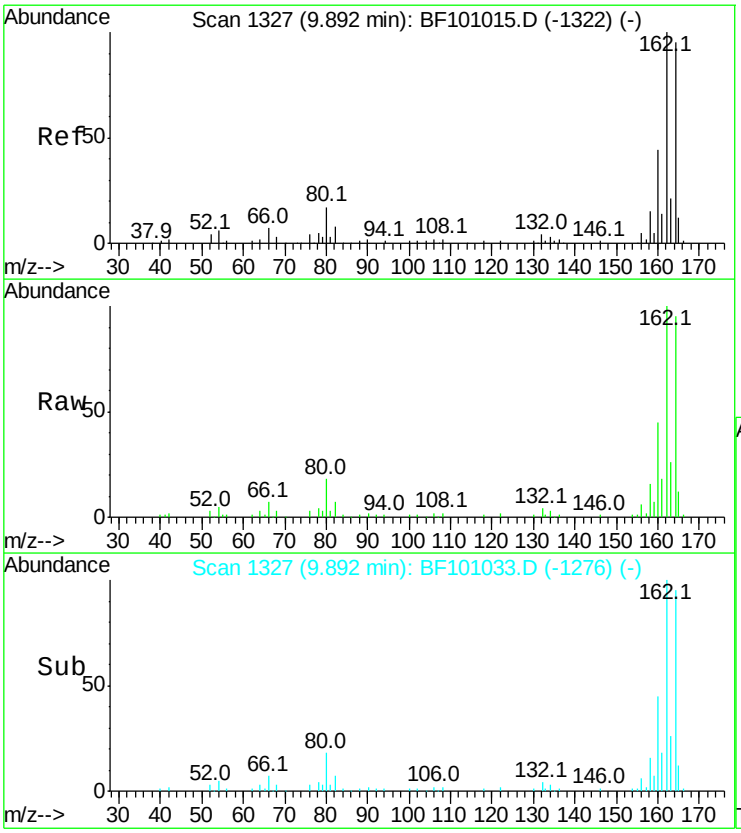
#25
Isophorone
Concen: 8.326 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 41955

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

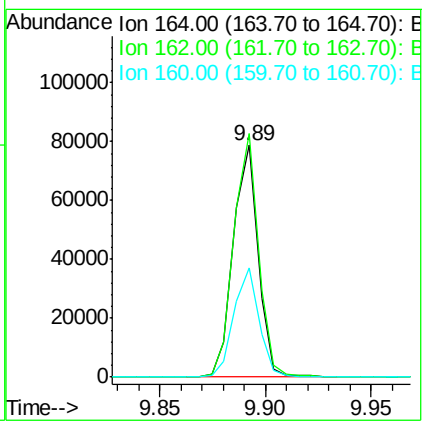


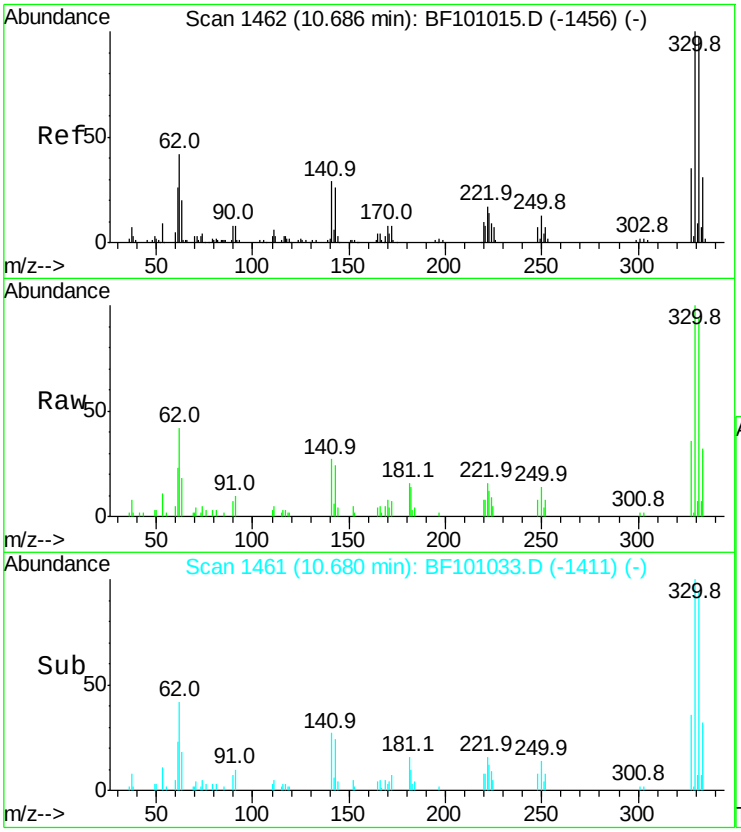


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Tgt Ion:164 Resp: 63401

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	46.9	38.3	57.5



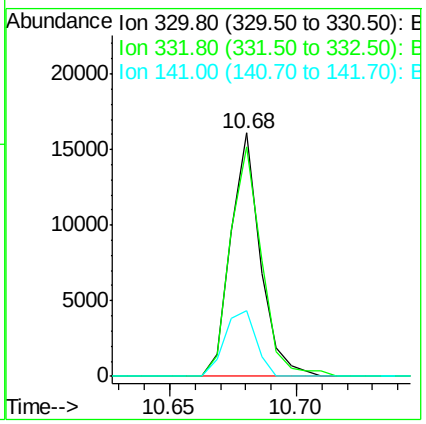


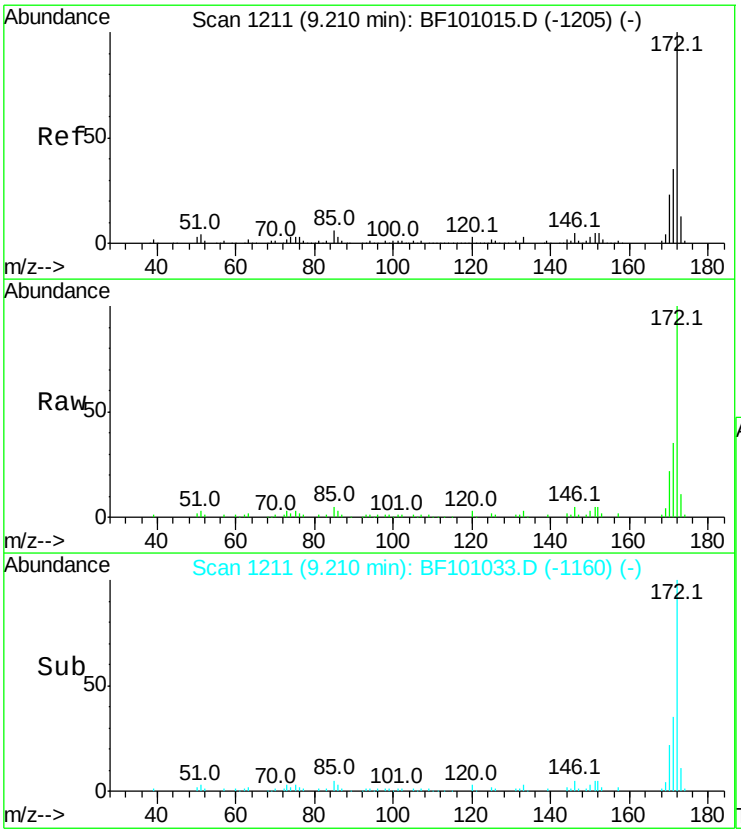
#41
2,4,6-Tribromophenol
Concen: 17.140 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 13054

Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.0	115.6
141	28.8	29.9	44.9#

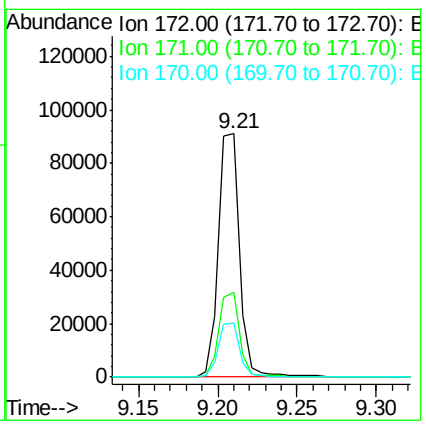


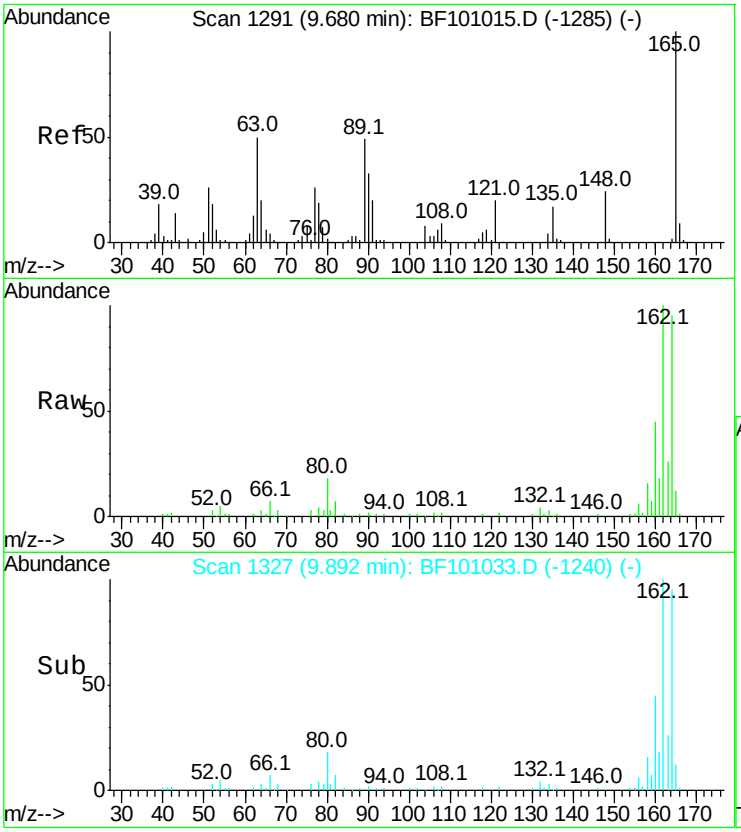


#44
2-Fluorobiphenyl
Concen: 18.236 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Tgt Ion:172 Resp: 84504

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	22.2	19.6	29.4



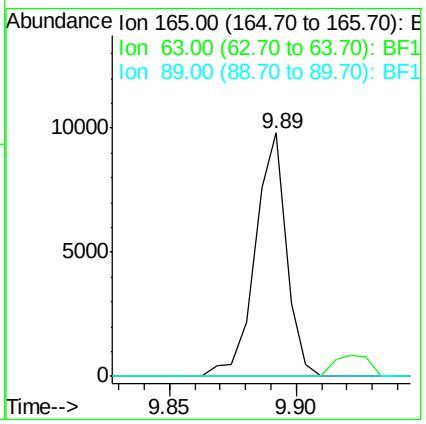


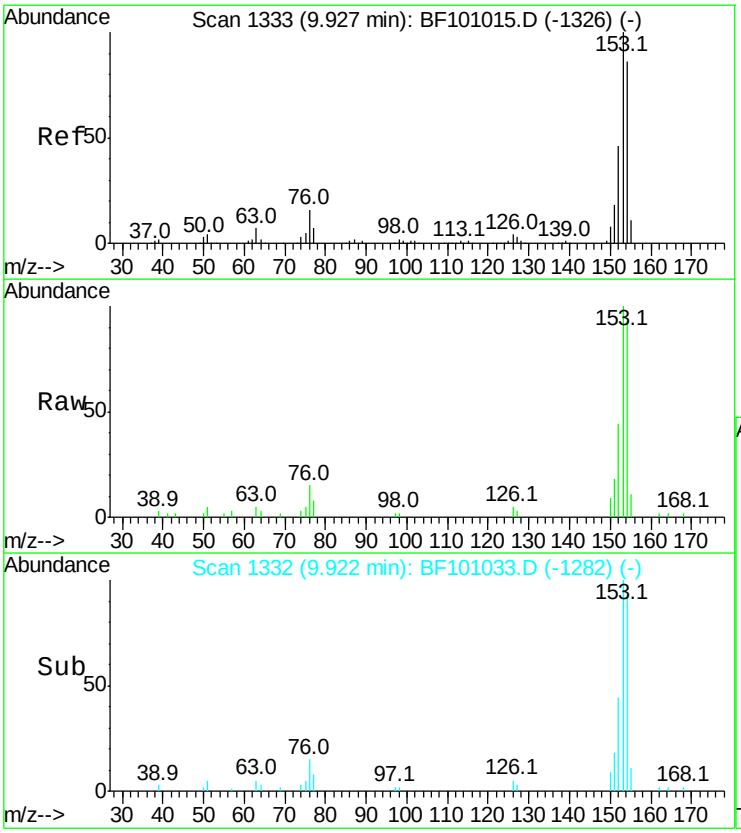
#50
2,6-Dinitrotoluene
Concen: 7.850 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 8454

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

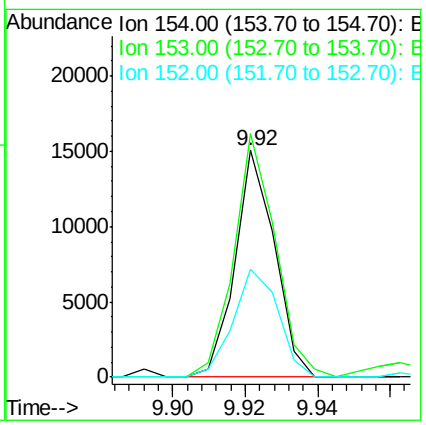


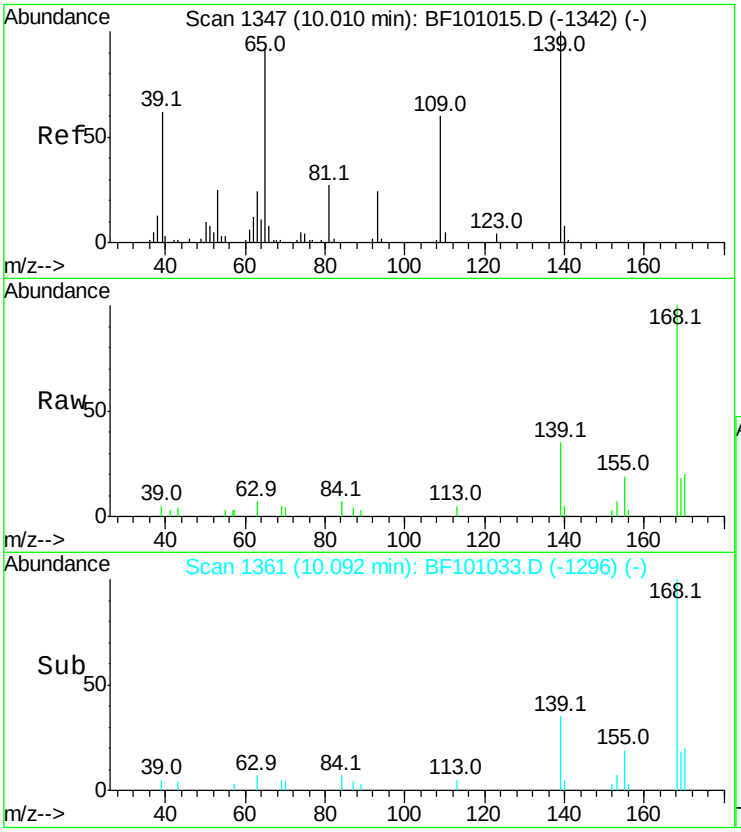


#51
Acenaphthene
Concen: 2.806 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Tgt Ion:154 Resp: 11391

Ion	Ratio	Lower	Upper
154	100		
153	107.5	91.2	136.8
152	47.8	43.8	65.8



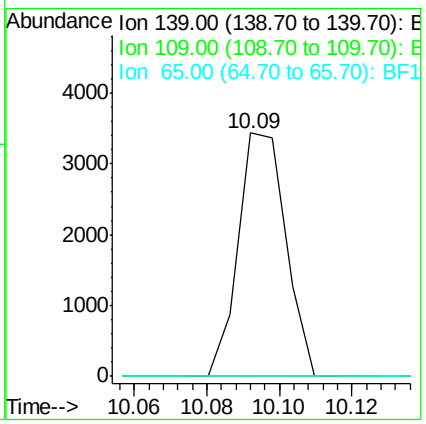


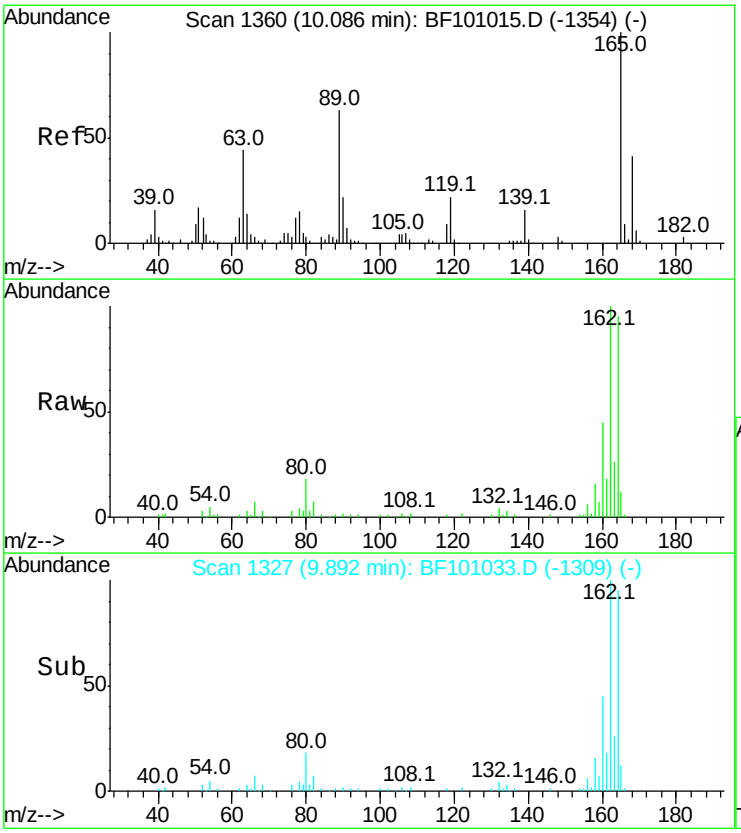
#55
4-Nitrophenol
Concen: 3.871 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.08 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 3162

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

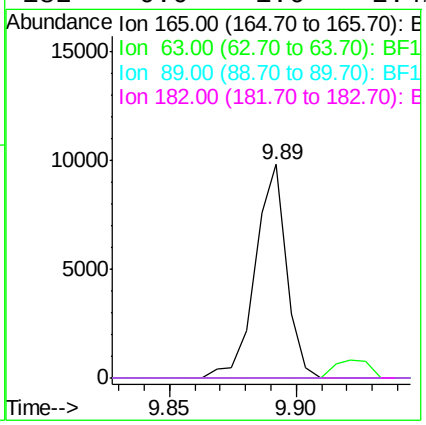


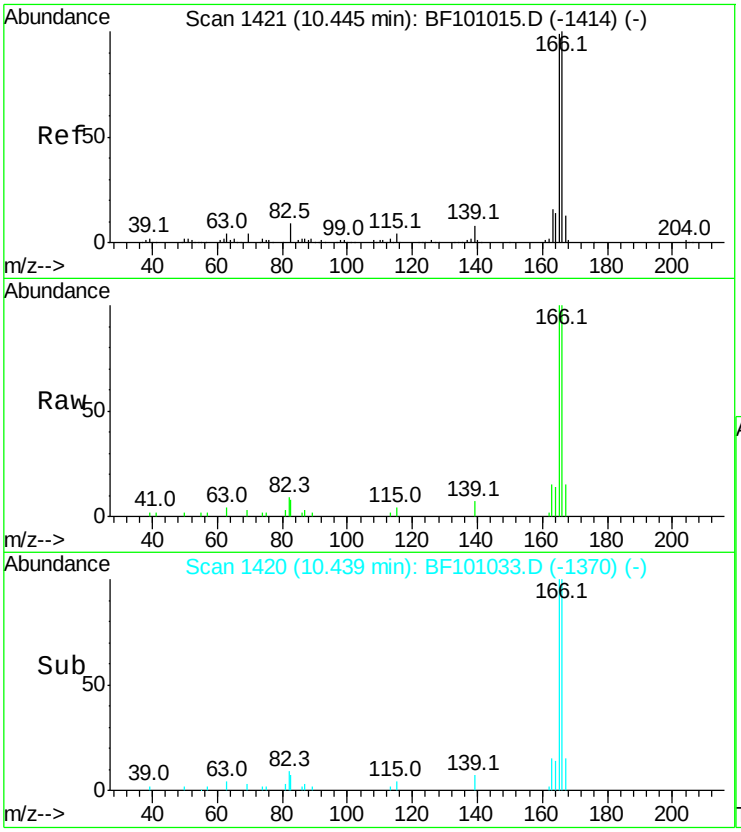


#56
2,4-Dinitrotoluene
Concen: 5.857 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Tgt Ion:165 Resp: 8454

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#



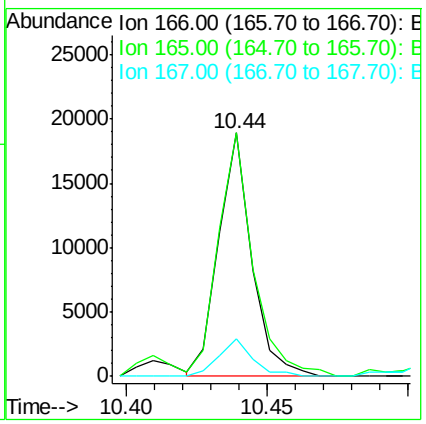


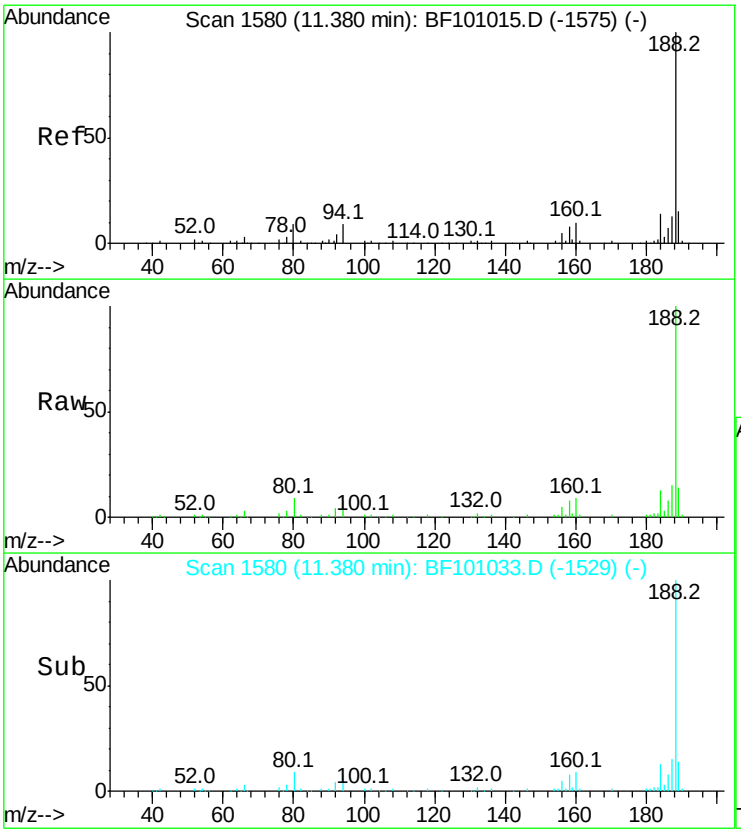
#57
Fluorene
Concen: 3.251 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 15462

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.8	119.8
167	15.4	10.6	16.0

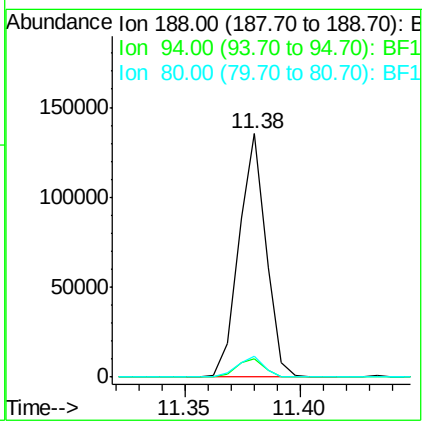


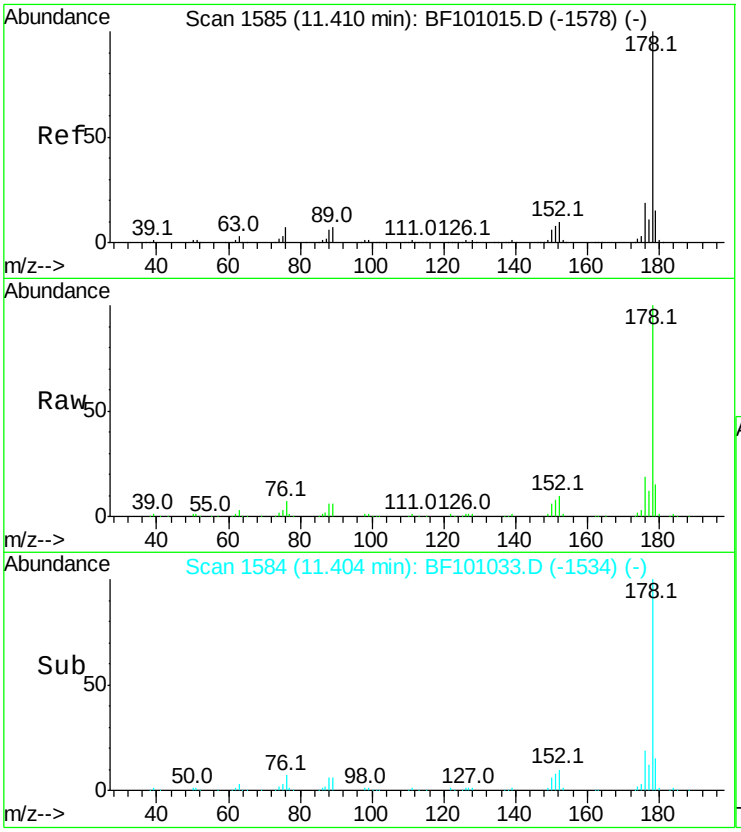


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Tgt Ion:188 Resp: 110574

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.5	9.2	13.8#



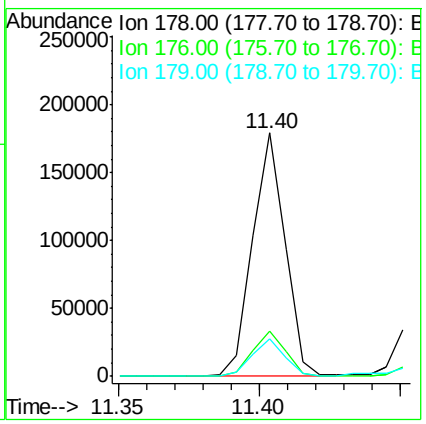


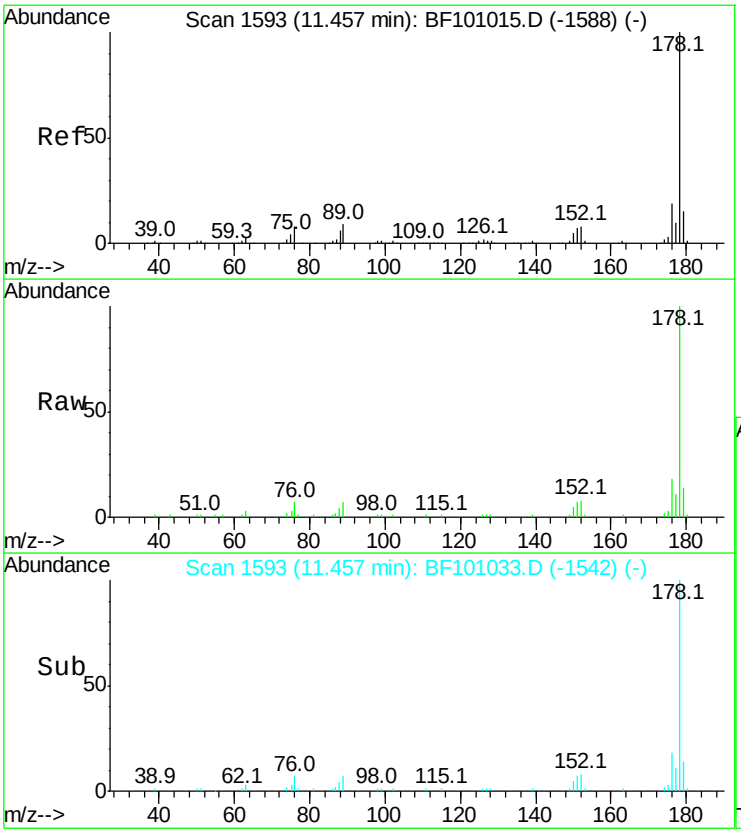
#70
Phenanthrene
Concen: 23.518 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 143208

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.2	13.0	19.6

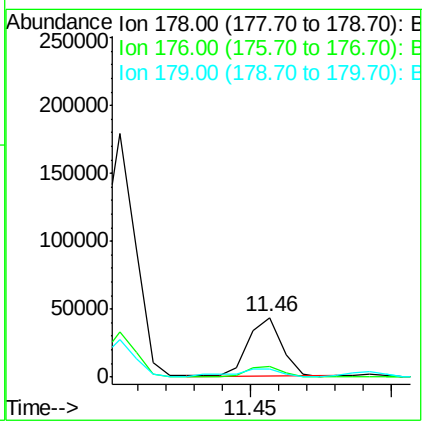


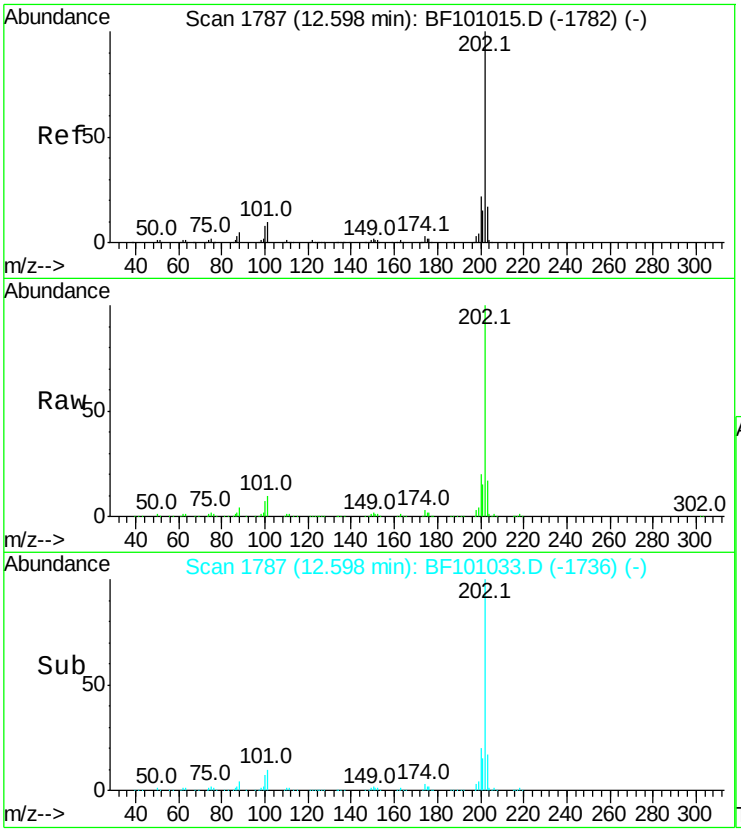


#71
Anthracene
Concen: 5.841 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Tgt Ion:178 Resp: 35995

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	14.0	12.6	19.0



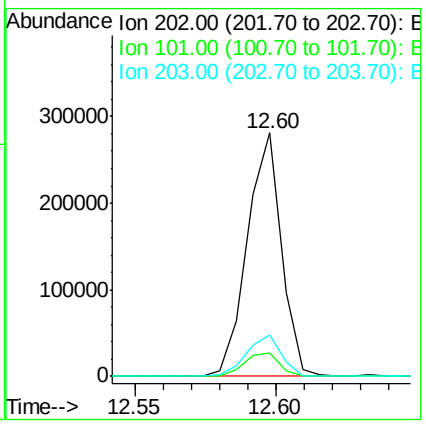


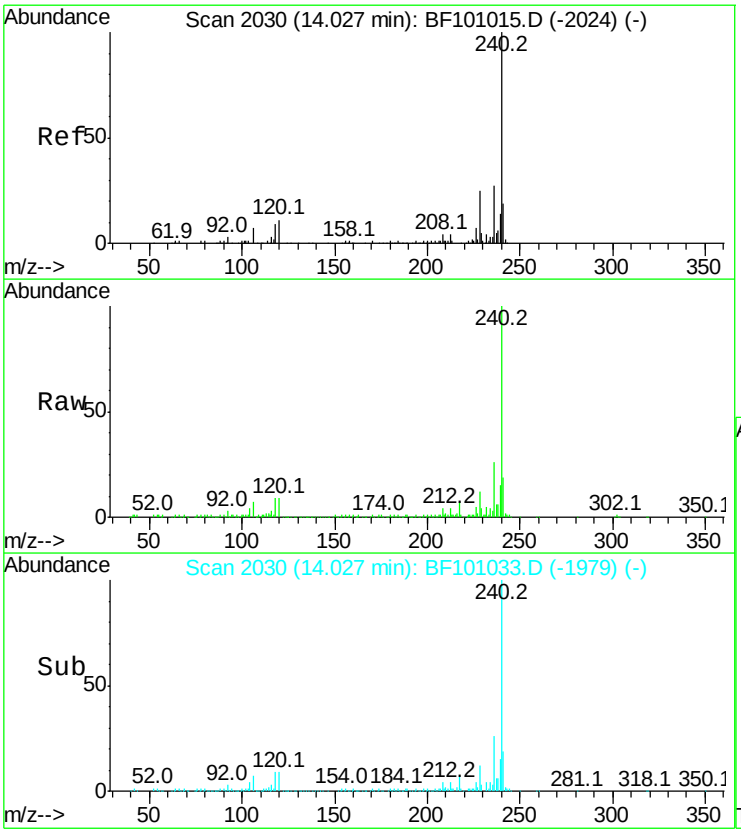
#74
Fluoranthene
Concen: 35.057 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 236630

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.1
203	17.2	0.0	38.1

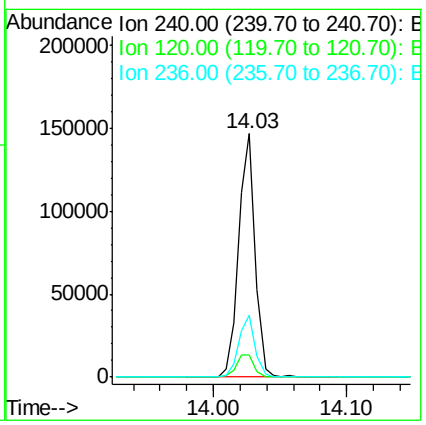


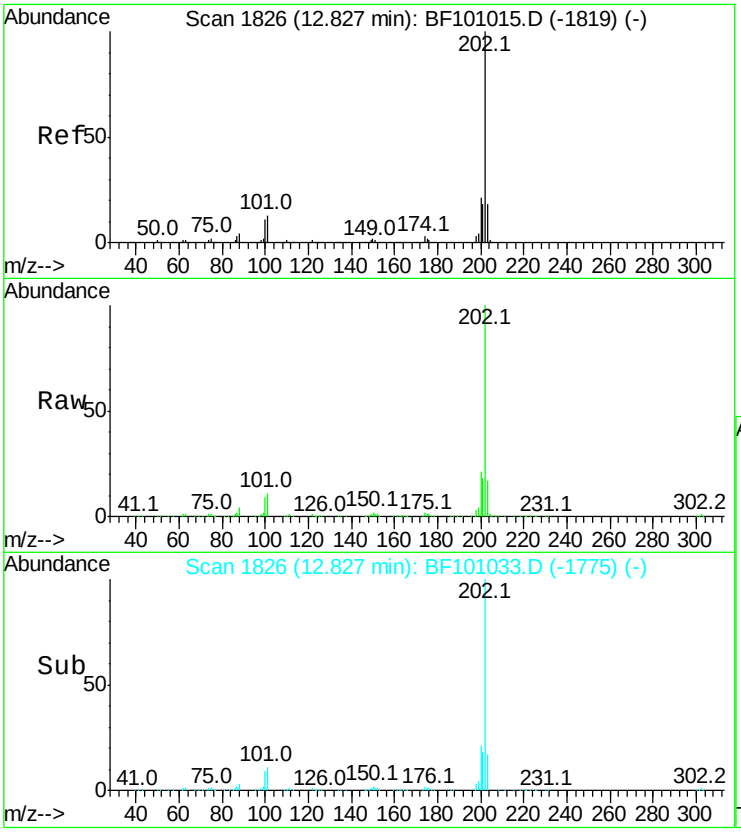


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Tgt Ion:240 Resp: 125818

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	25.6	20.7	31.1



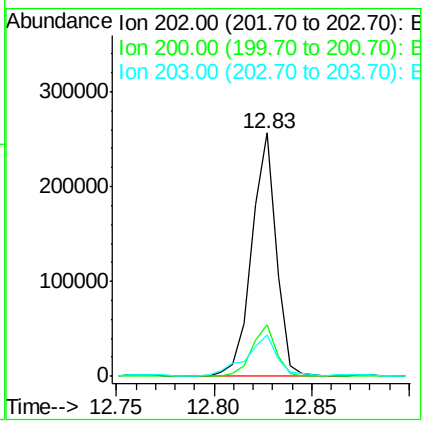


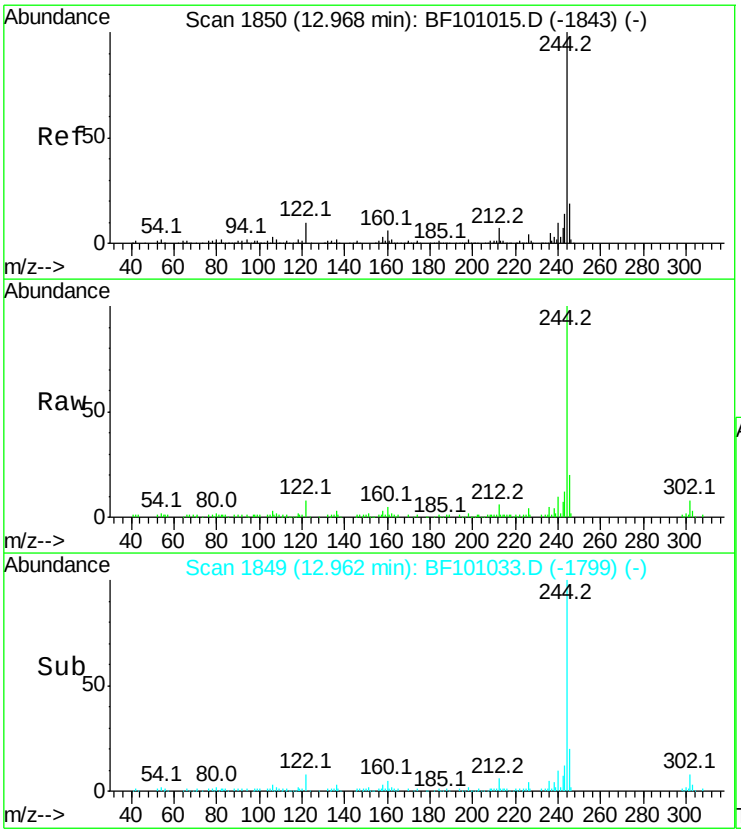
#77
Pyrene
Concen: 25.528 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 221627

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.2	14.3	21.5

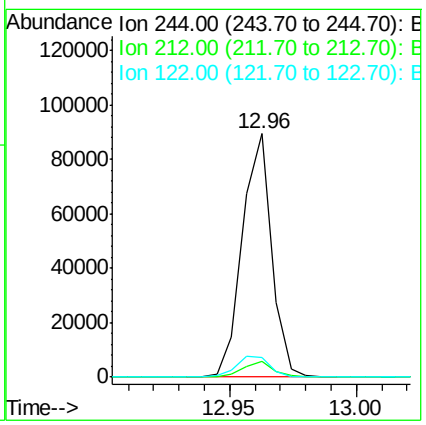


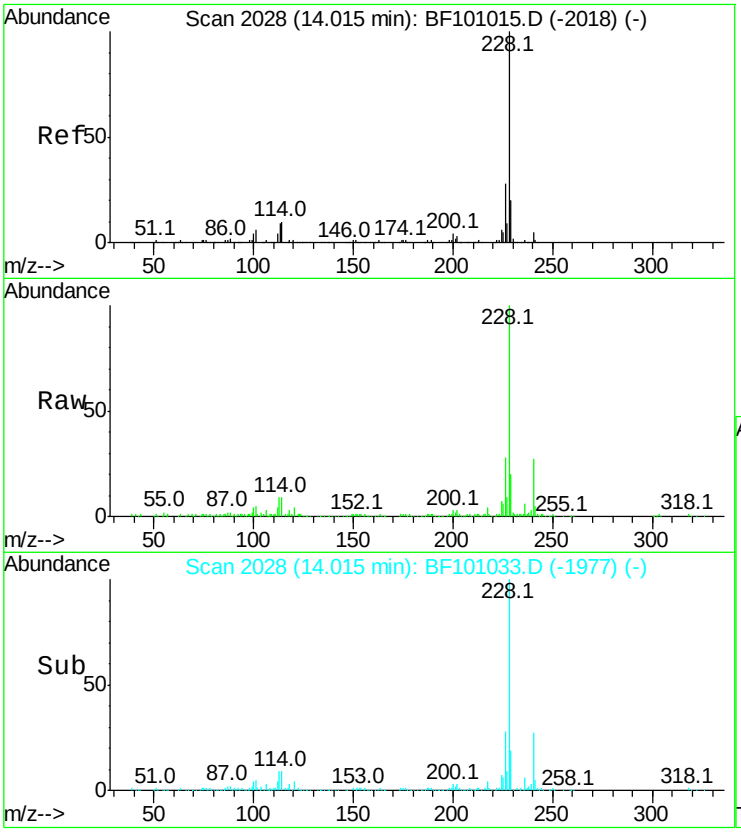


#78
Terphenyl-d14
Concen: 12.525 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Tgt Ion:244 Resp: 72045

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.2	11.0	16.4#



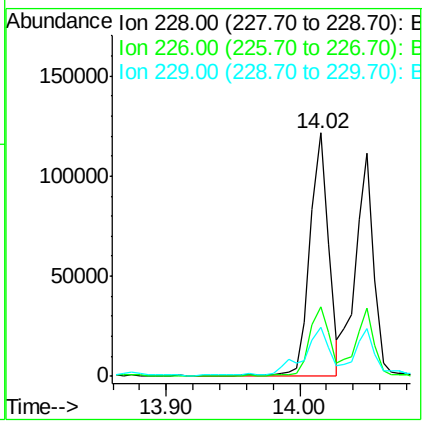


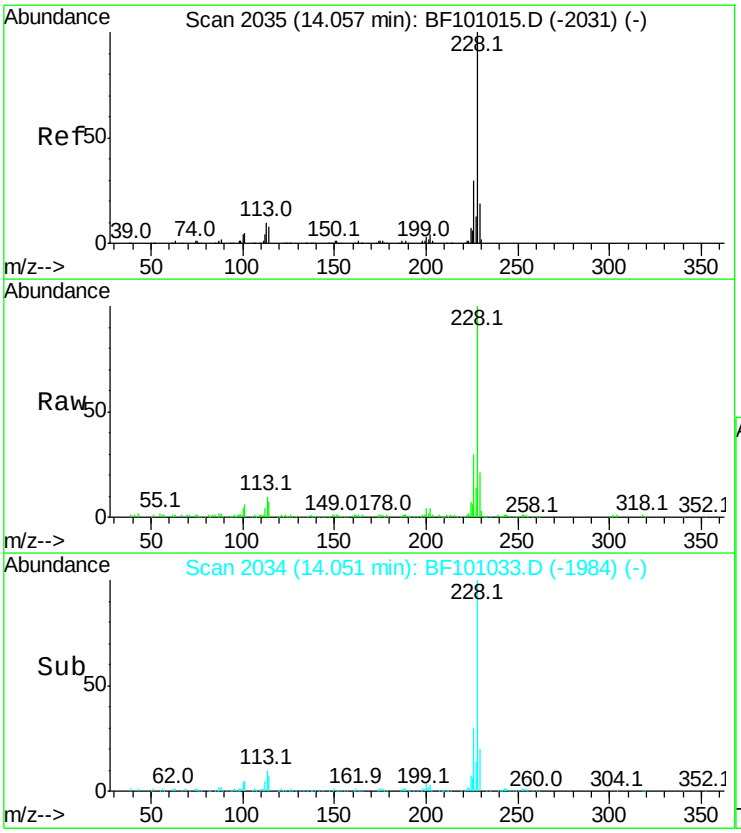
#80
Benzo(a)anthracene
Concen: 14.653 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 116405

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.1	15.8	23.6

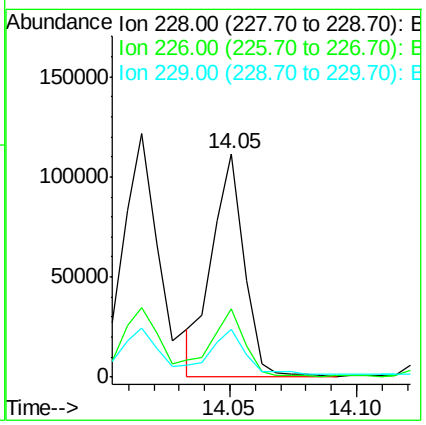


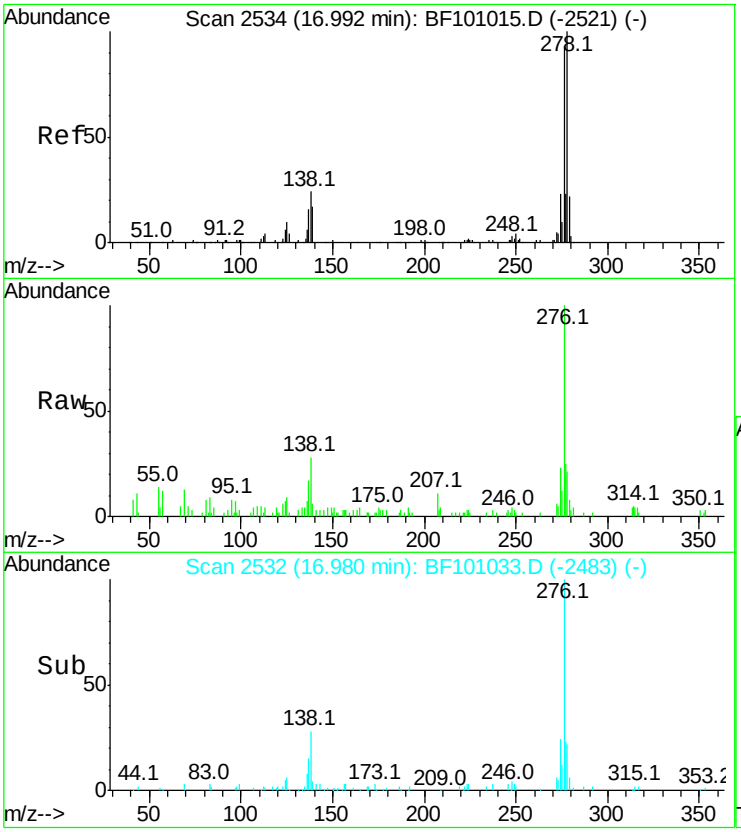


#82
Chrysene
Concen: 13.369 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Tgt Ion:228 Resp: 98629

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	21.1	16.2	24.4



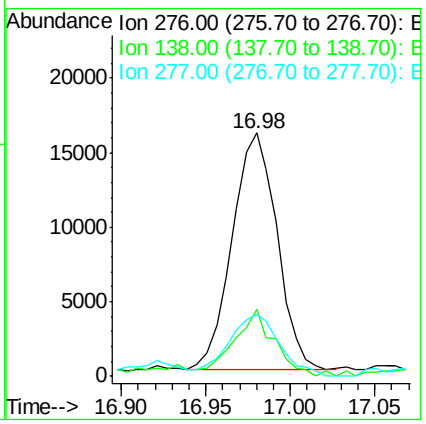


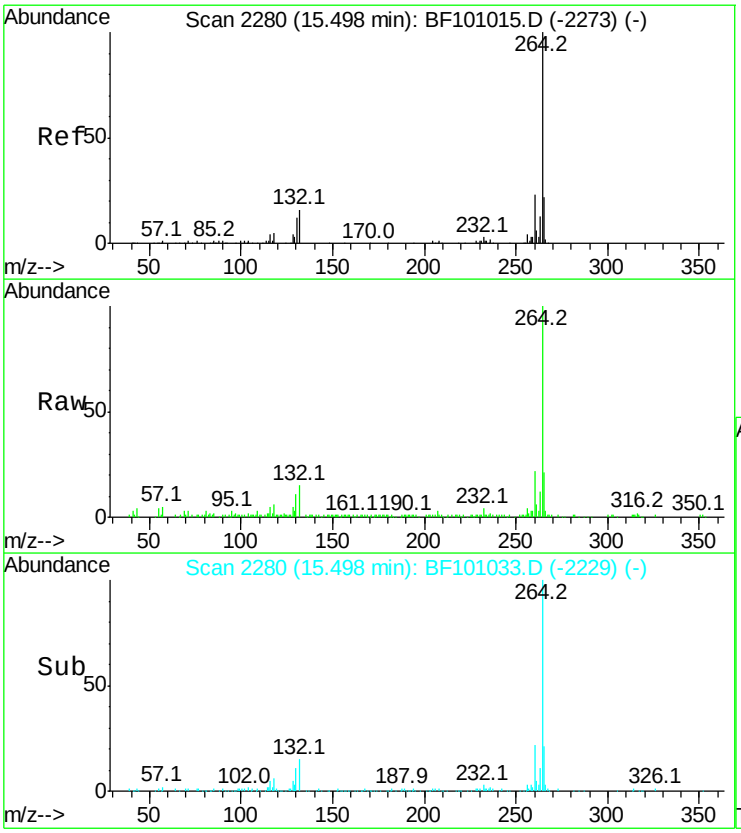
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.434 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 29082

Ion	Ratio	Lower	Upper
276	100		
138	25.6	25.0	37.6
277	29.7	20.1	30.1

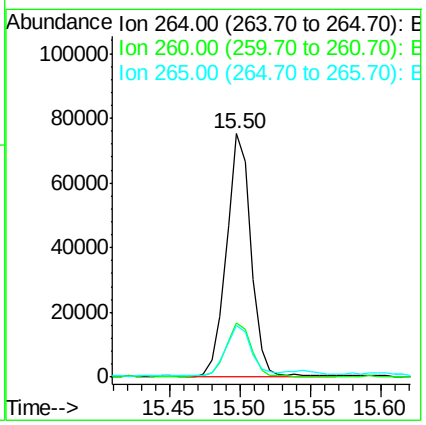


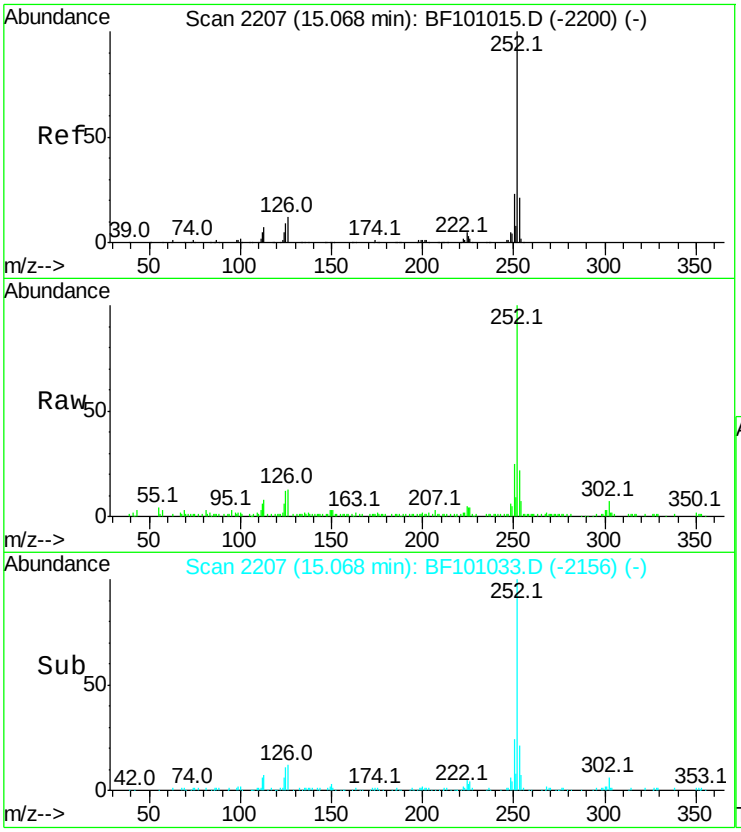


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Tgt Ion:264 Resp: 91580

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	21.4	17.5	26.3



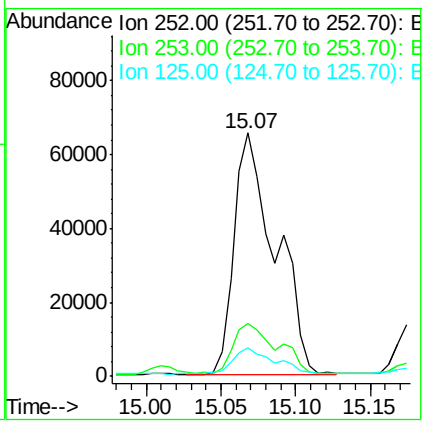


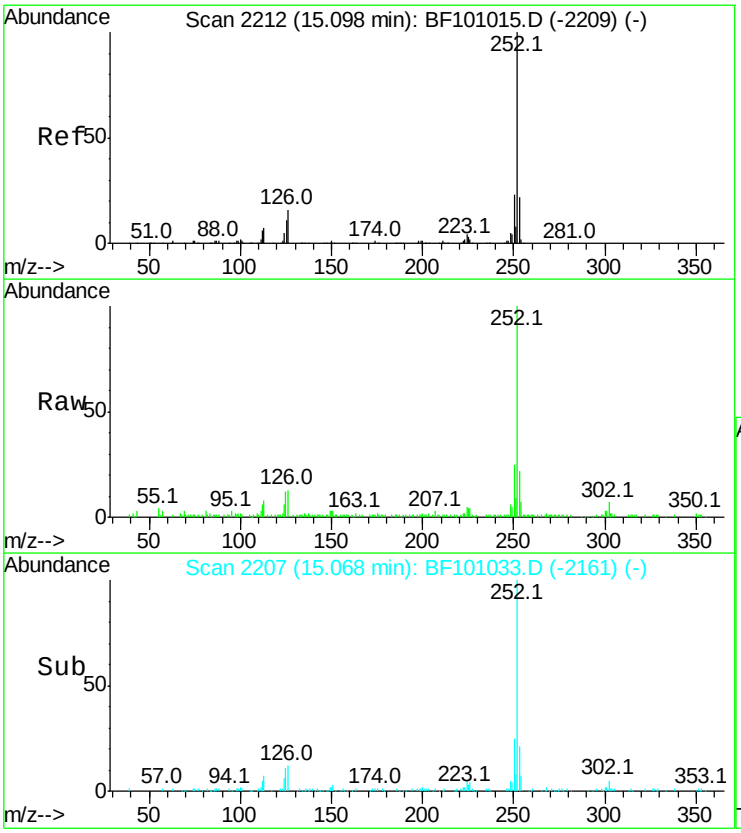
#87
Benzo(b)fluoranthene
Concen: 23.163 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 127056

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.6	9.0	13.6

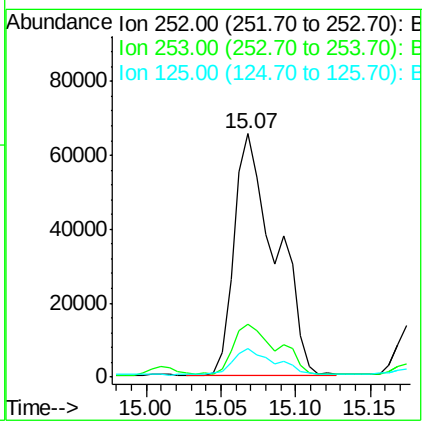


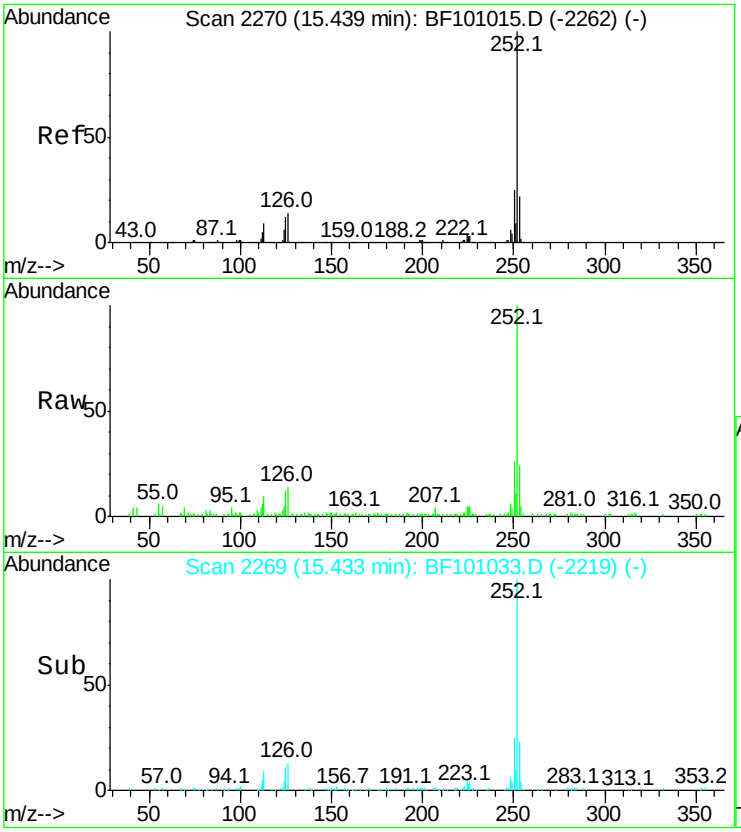


#88
Benzo(k)fluoranthene
Concen: 23.510 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Tgt Ion:252 Resp: 127056

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	11.6	10.2	15.2



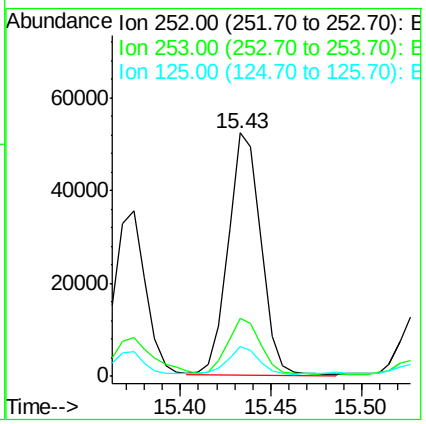


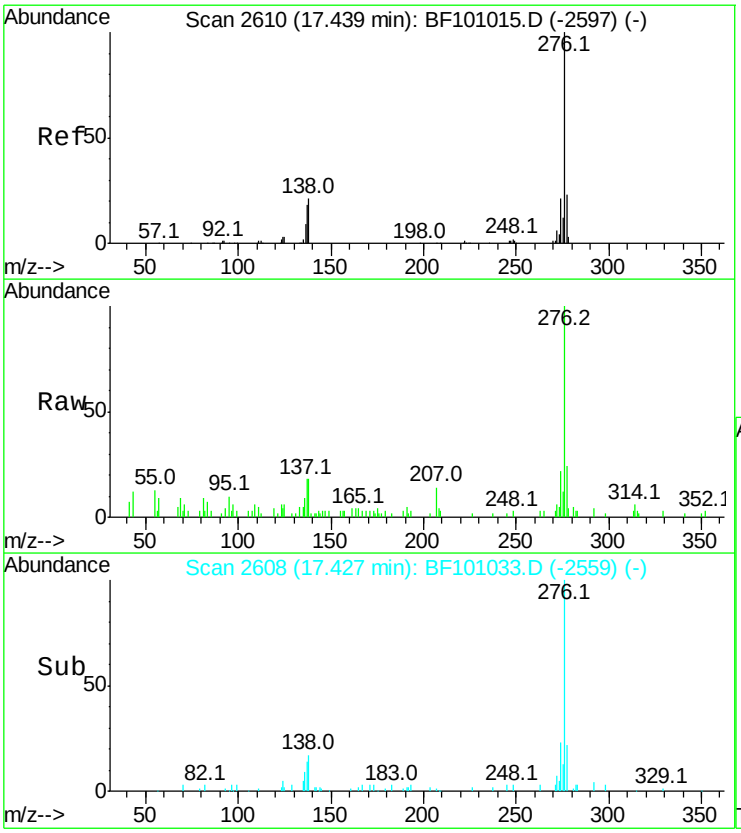
#89
Benzo(a)pyrene
Concen: 13.276 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 66207

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	12.3	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 7.292 ng
RT: 17.43 min Scan# 2608
Delta R.T. -0.01 min
Lab File: BF101033.D
Acq: 30 Nov 2017 22:25

Tgt Ion:276 Resp: 30214

Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	18.5	21.8	32.8#