Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120817\
Data File : BF101258.D
Acq On : 9 Dec 2017 1:23
Operator : SJ/JU
Sample : I6705-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B12(0-10)COMP

Quant Time: Dec 11 06:09:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 18:17:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	47451	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	174478	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	70497	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	116627	20.00	ng		0.00
75) Chrysene-d12	14.00	240	99456	20.00	ng		0.00
86) Perylene-d12	15.47	264	77302	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	282731	98.46	ng		0.01
7) Phenol-d6	6.46	99	333821	95.75	ng		0.00
23) Nitrobenzene-d5	7.39	82	186921	63.91	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	62570	73.88	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	286669	55.64	ng		0.00
78) Terphenyl-d14	12.94	244	235398	51.77	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.47	94	9528	2.458	ng		82
49) Dimethylphthalate	9.57	163	31611	5.560	ng		98
70) Phenanthrene	11.38	178	19352m	3.013	ng		
74) Fluoranthene	12.57	202	39813	5.592	ng		93
77) Pyrene	12.80	202	36705	5.348	ng		100
80) Benzo(a)anthracene	13.99	228	20970	3.339	ng		99
82) Chrysene	14.03	228	17586	3.015	ng		97
87) Benzo(b)fluoranthene	15.04	252	19218m	4.151	ng		
89) Benzo(a)pyrene	15.42	252	13031	3.096	ng	#	91
91) Benzo(g,h,i)perylene	17.41	276	7848	2.244	ng	#	90

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

Quantitation Report (LSC Reviewed)

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Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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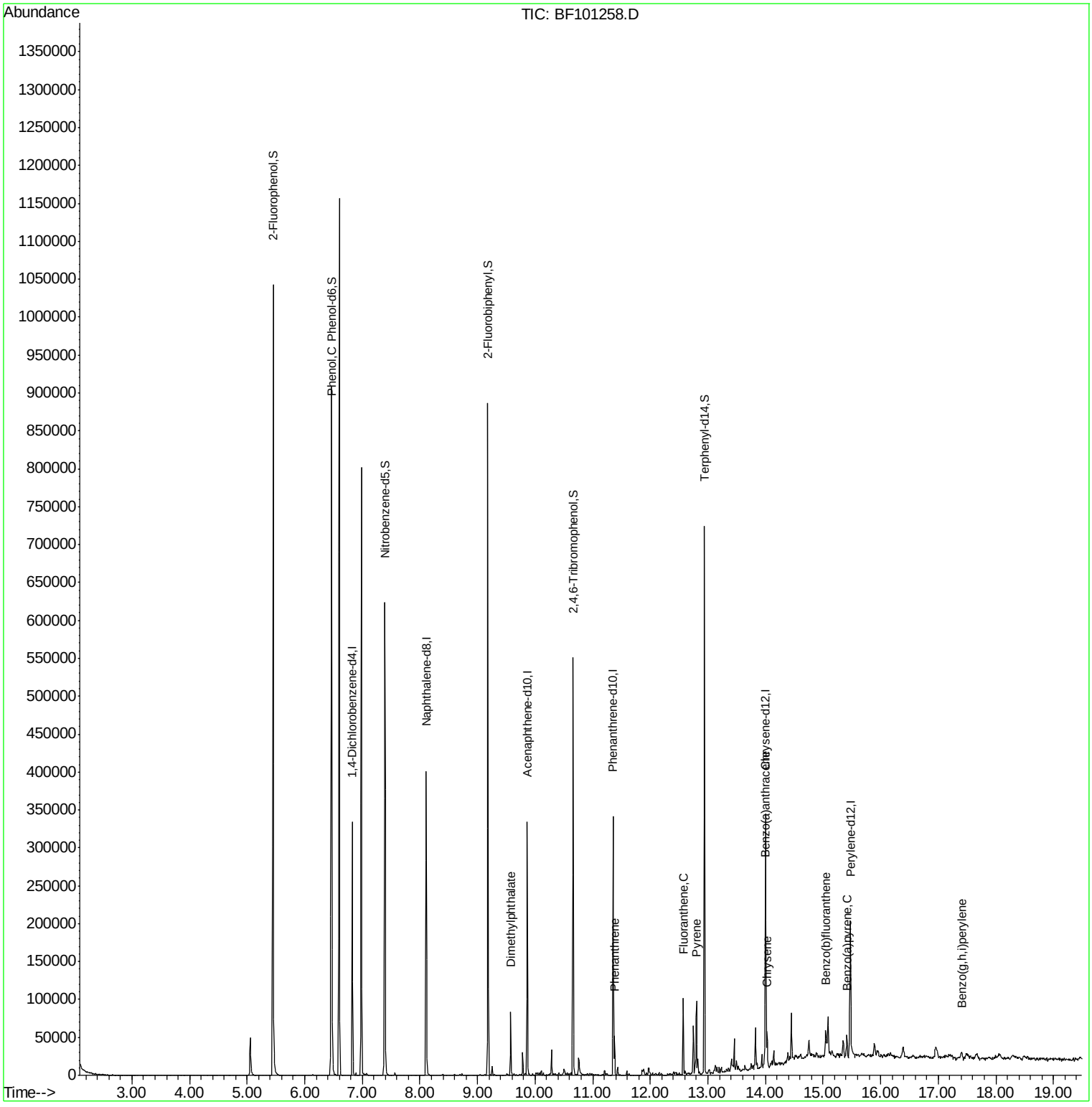
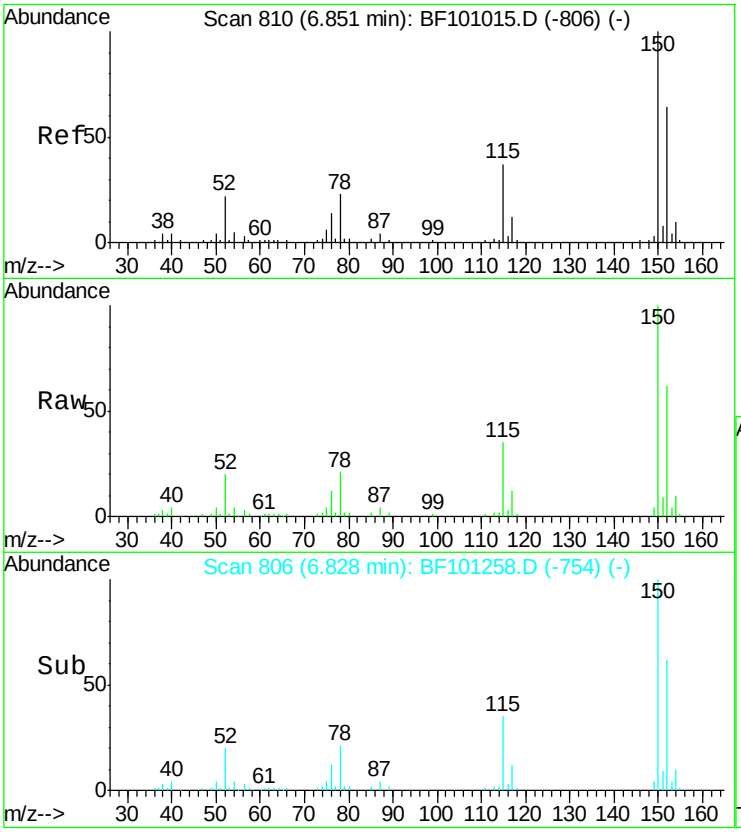
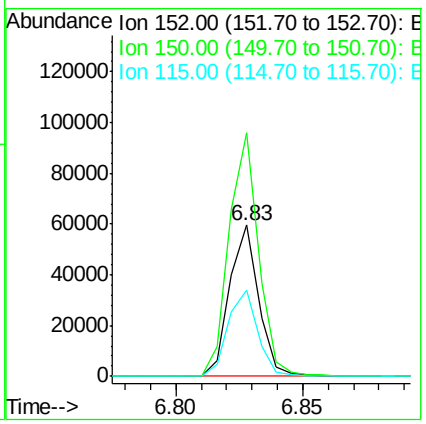




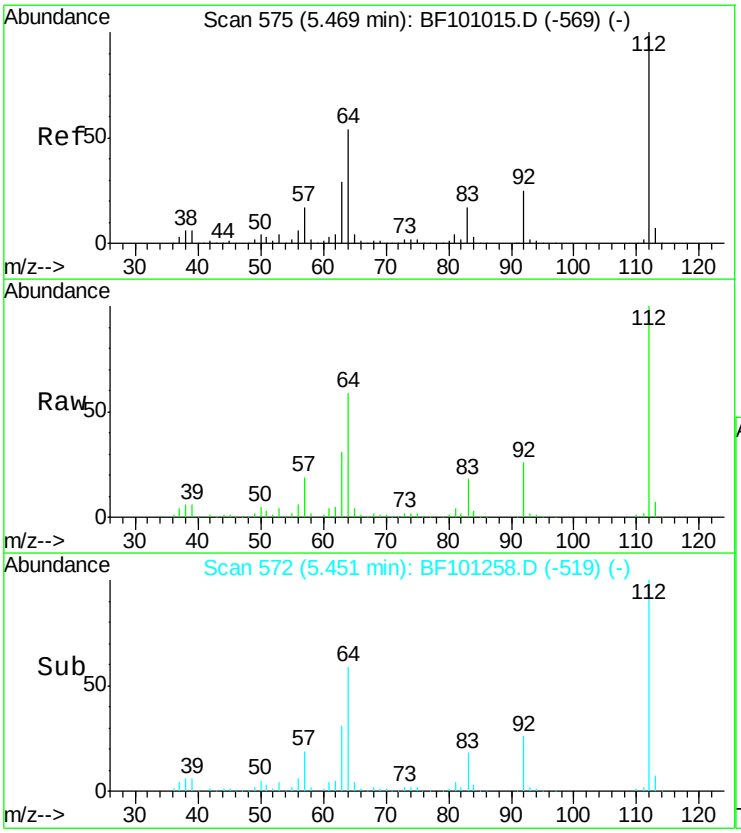
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Tgt Ion:152 Resp: 47451

Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.6	186.8
115	56.9	50.1	75.1



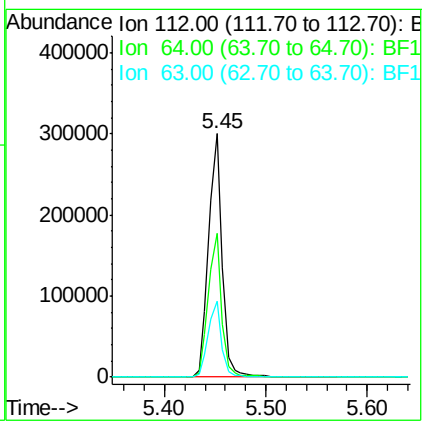
Instrument :
BNA_F
ClientSampleId :
B12(0-10)COMP

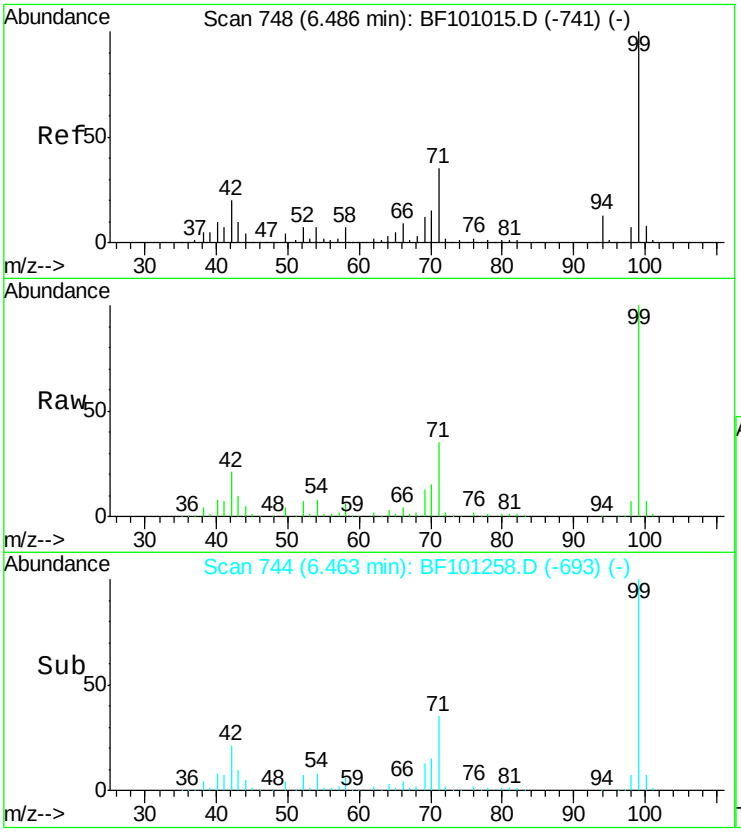


#5
2-Fluorophenol
Concen: 98.459 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Tgt Ion:112 Resp: 282731

Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.9	71.9
63	31.1	23.7	35.5



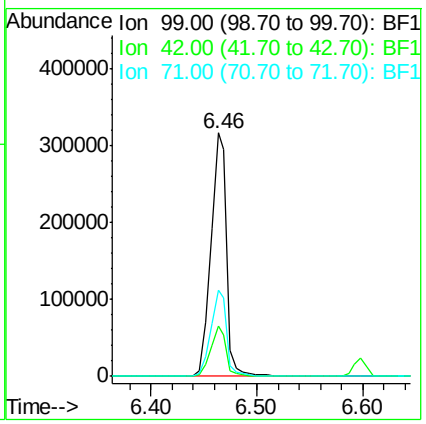


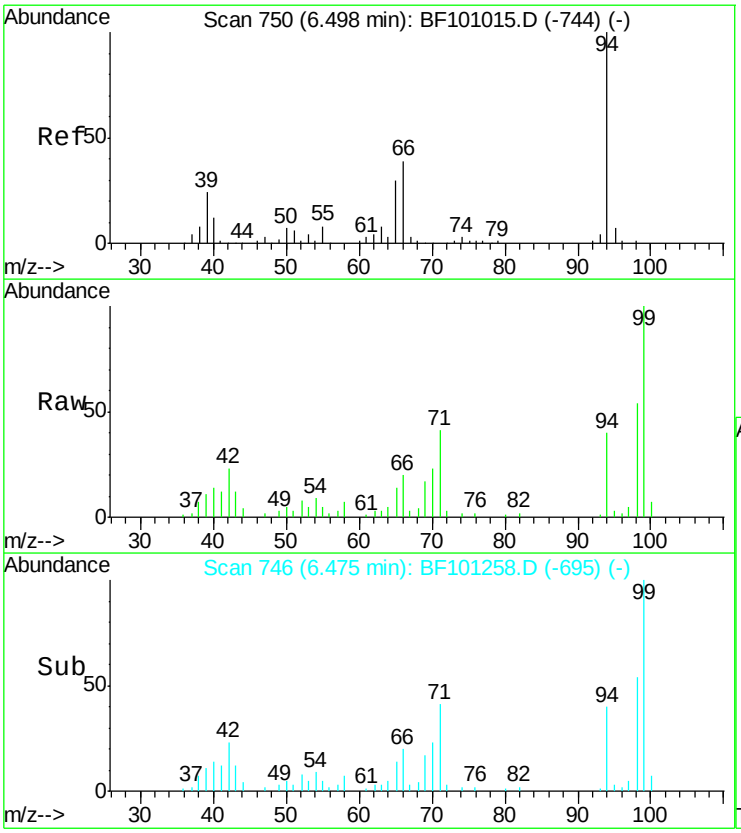
#7
Phenol-d6
Concen: 95.751 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Instrument :
BNA_F
ClientSampleId :
B12(0-10)COMP

Tgt Ion: 99 Resp: 333821

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	35.3	25.4	38.0

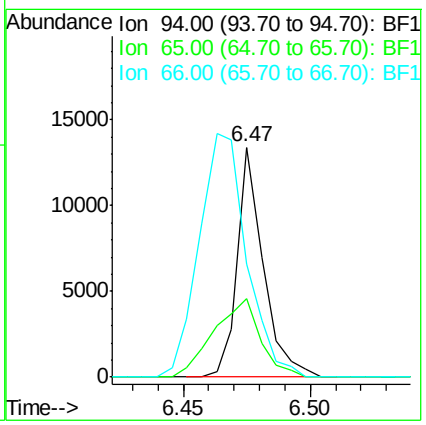


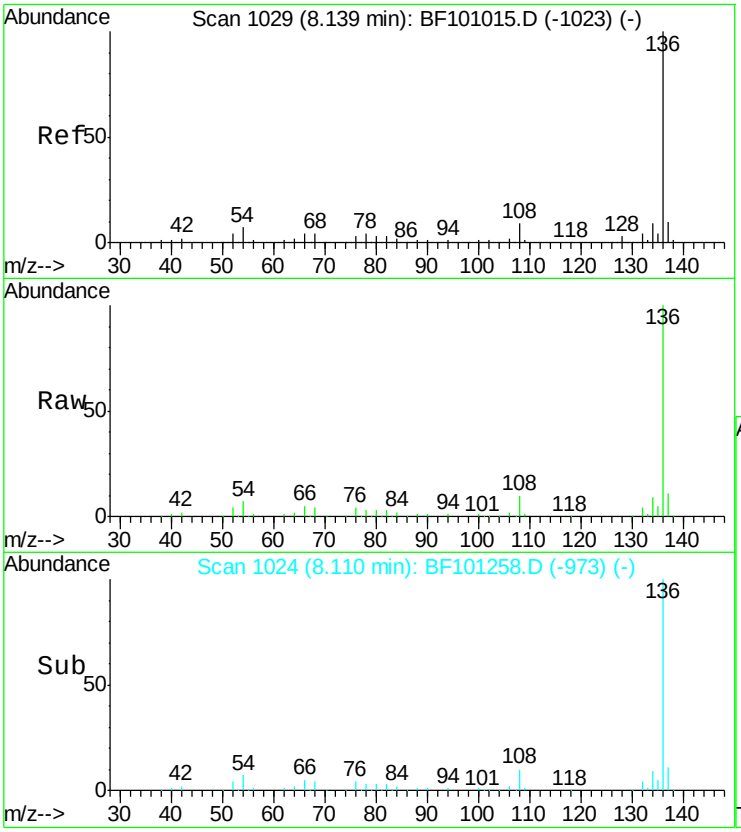


#10
Phenol
Concen: 2.458 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Tgt Ion: 94 Resp: 9528

Ion	Ratio	Lower	Upper
94	100		
65	34.2	7.9	47.9
66	49.3	16.2	56.2



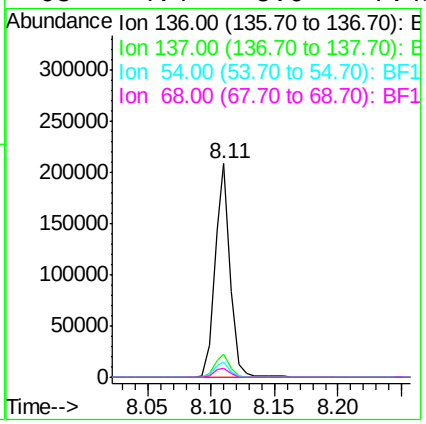


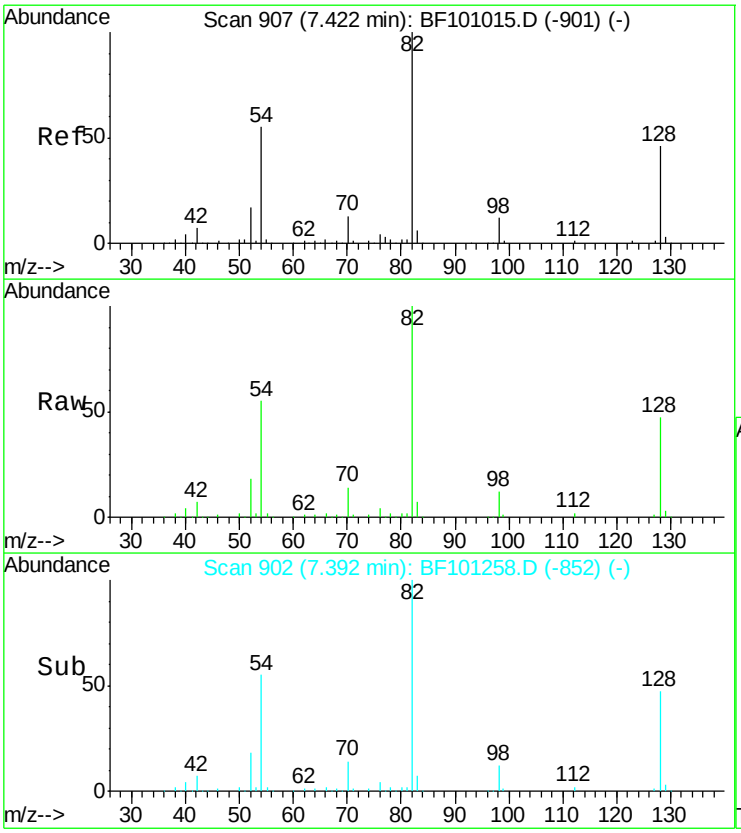
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Instrument :
BNA_F
ClientSampleId :
B12(0-10)COMP

Tgt Ion:136 Resp: 174478

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.1	6.6	9.8
68	4.4	5.0	7.4#

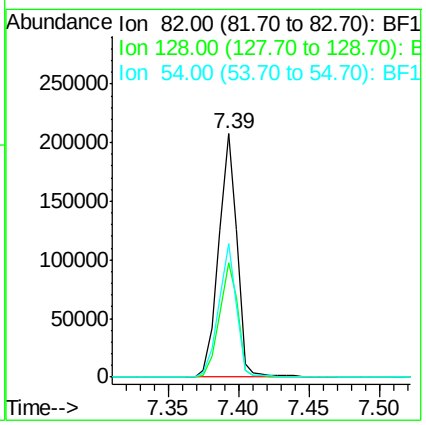


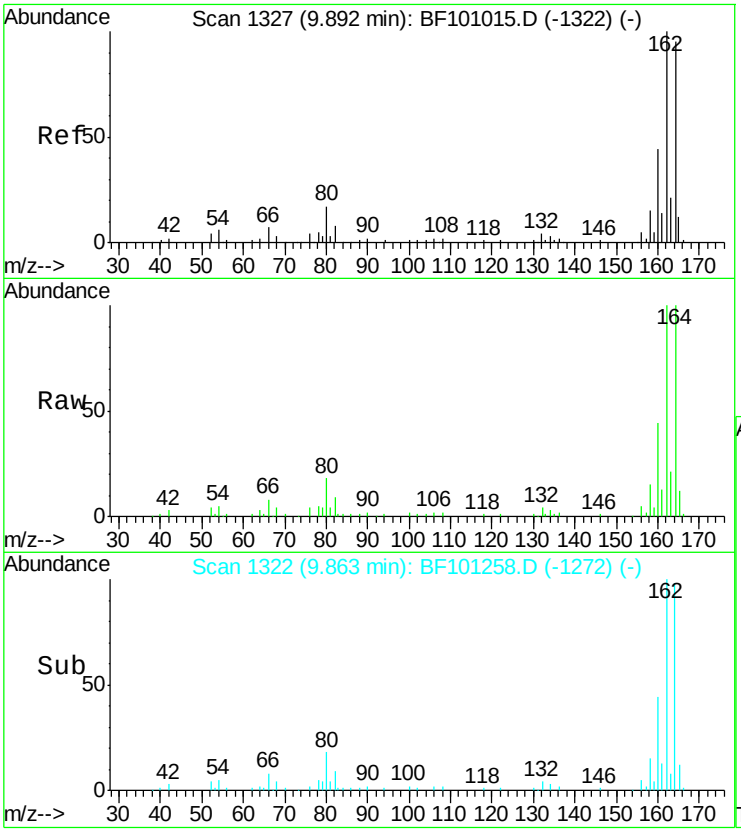


#23
Nitrobenzene-d5
Concen: 63.907 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Tgt Ion: 82 Resp: 186921

Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	55.1	41.4	62.2



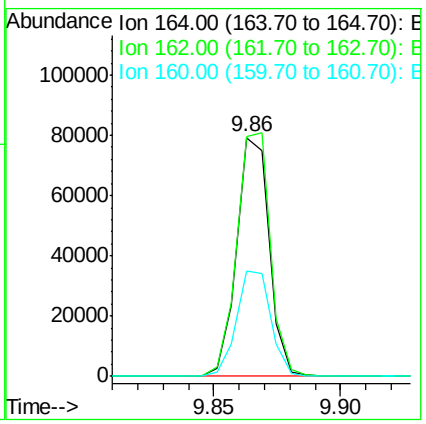


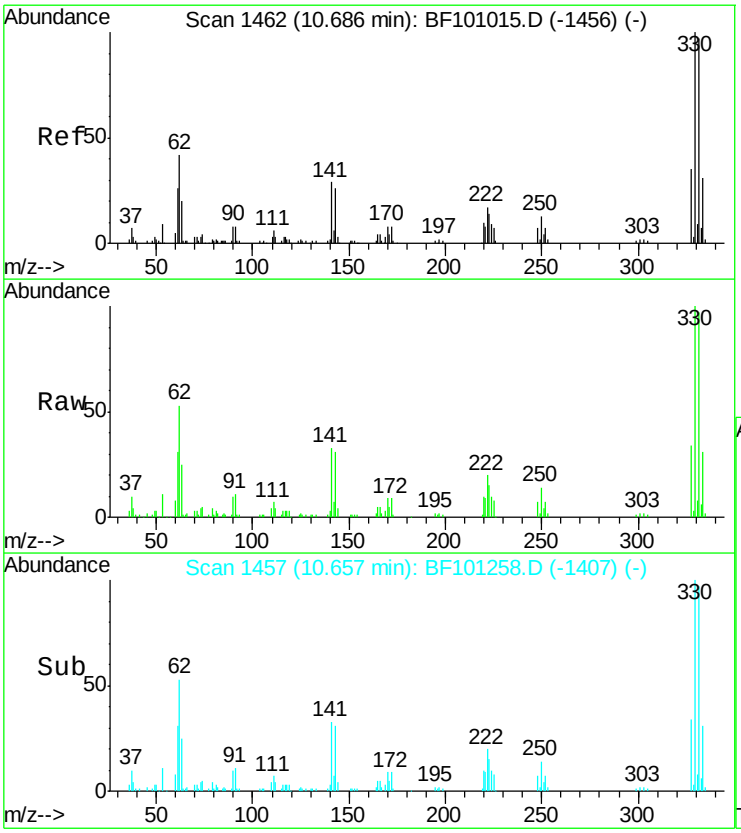
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Instrument :
BNA_F
ClientSampleId :
B12(0-10)COMP

Tgt Ion:164 Resp: 70497

Ion	Ratio	Lower	Upper
164	100		
162	100.3	86.1	129.1
160	44.3	38.3	57.5

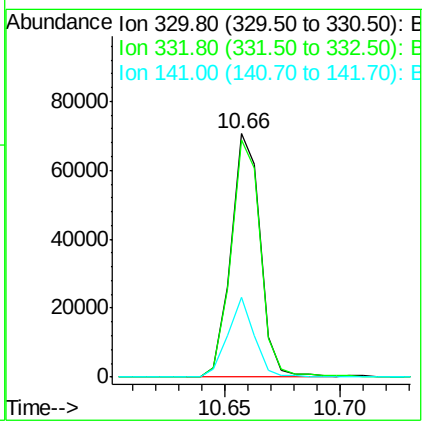


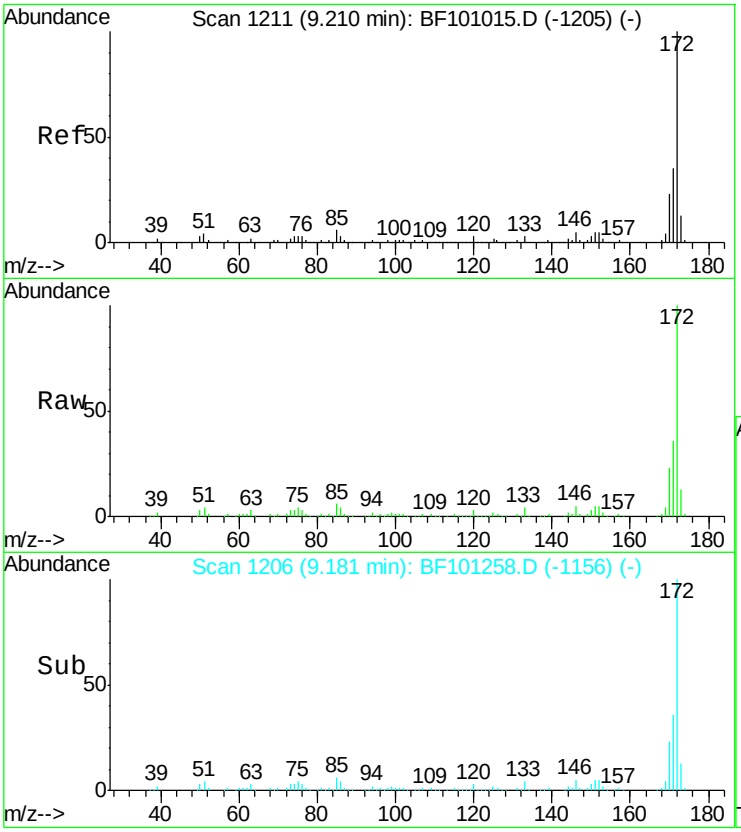


#41
2,4,6-Tribromophenol
Concen: 73.884 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Tgt Ion:330 Resp: 62570

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	29.5	29.9	44.9#



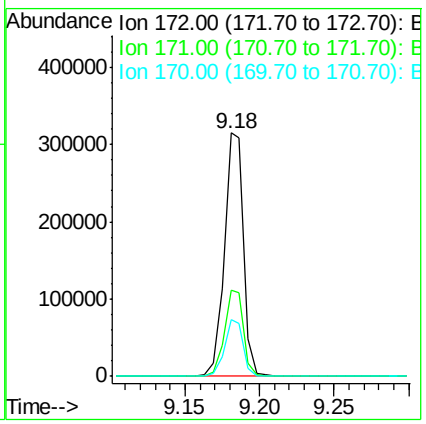


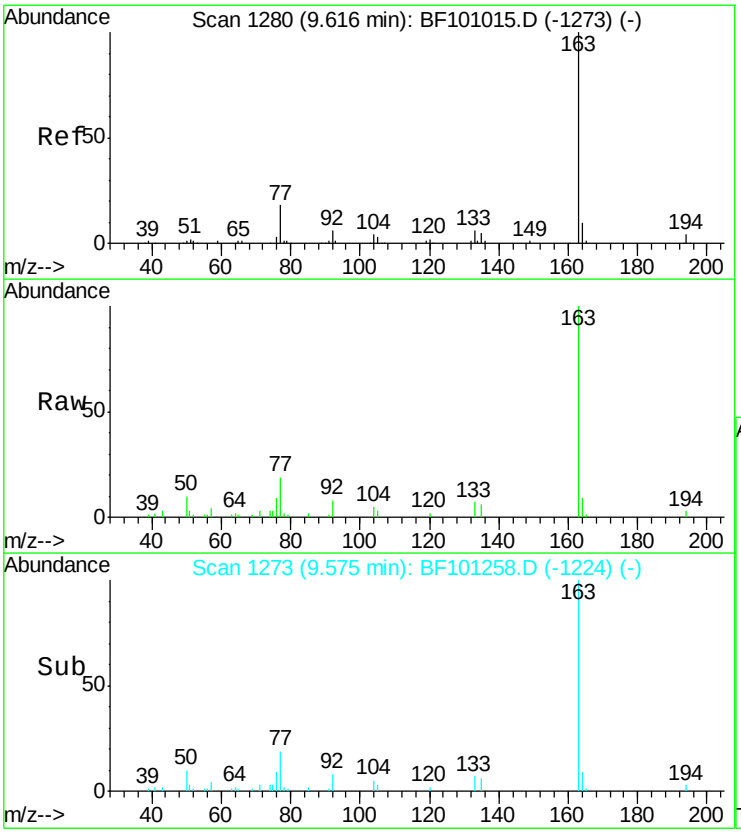
#44
2-Fluorobiphenyl
Concen: 55.636 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Instrument : BNA_F
ClientSampleId : B12(0-10)COMP

Tgt Ion:172 Resp: 286669

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.4	19.6	29.4

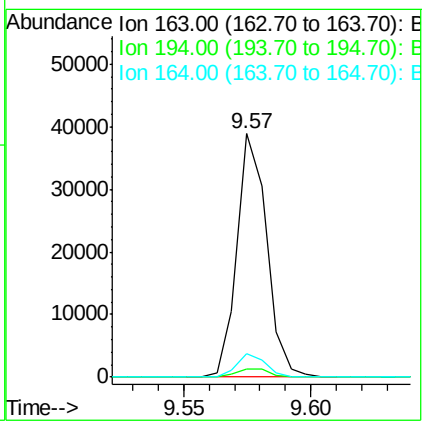


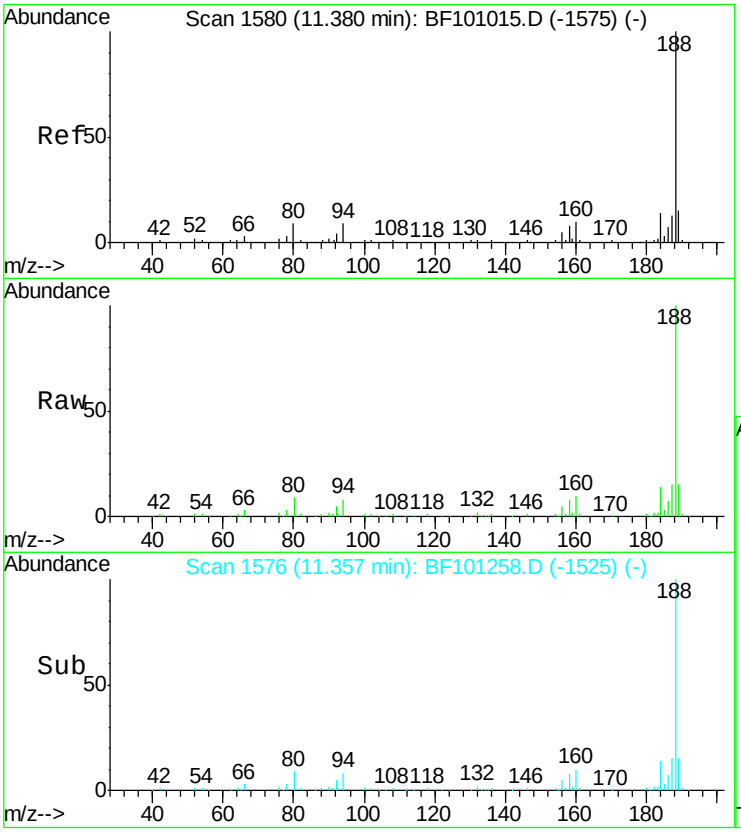


#49
Dimethylphthalate
Concen: 5.560 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Tgt Ion:163 Resp: 31611

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.5	8.2	12.2



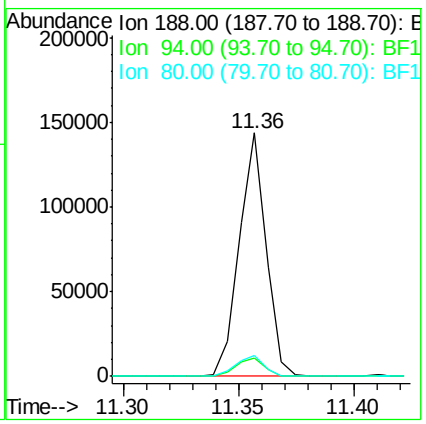


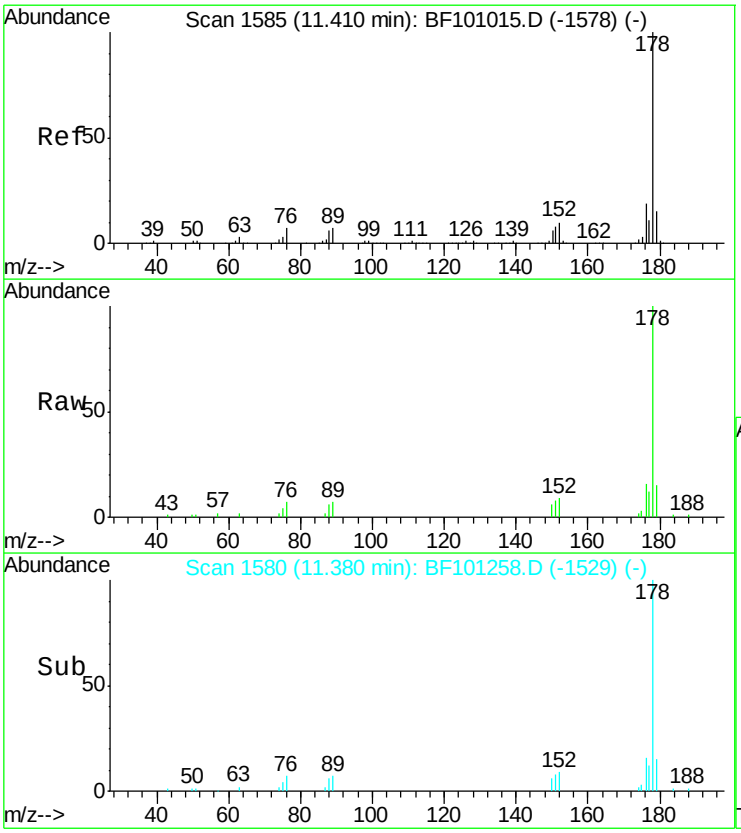
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Instrument :
BNA_F
ClientSampleId :
B12(0-10)COMP

Tgt Ion:188 Resp: 116627

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.6	9.2	13.8#

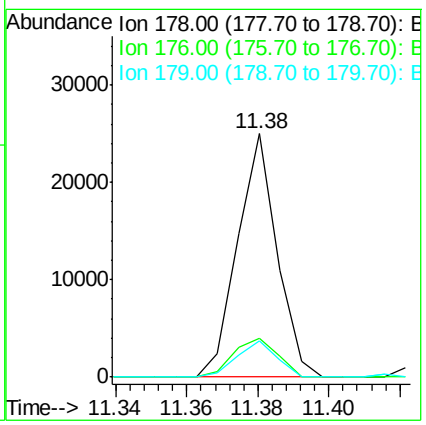


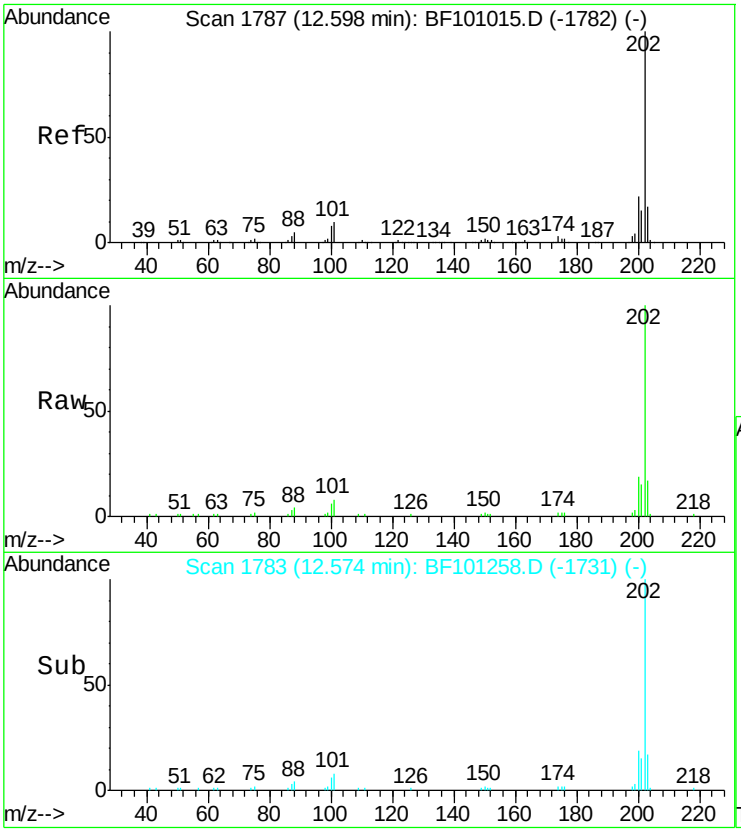


#70
Phenanthrene
Concen: 3.013 ng m
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Tgt Ion:178 Resp: 19352

Ion	Ratio	Lower	Upper
178	100		
176	15.8	15.8	23.8#
179	14.7	13.0	19.6



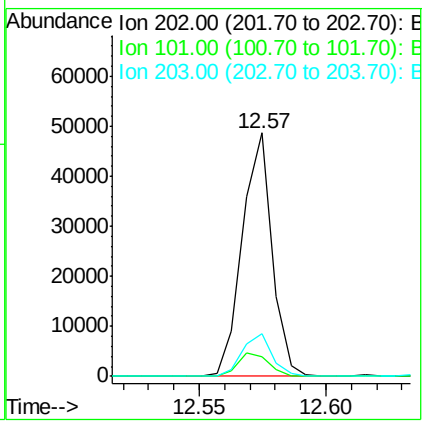


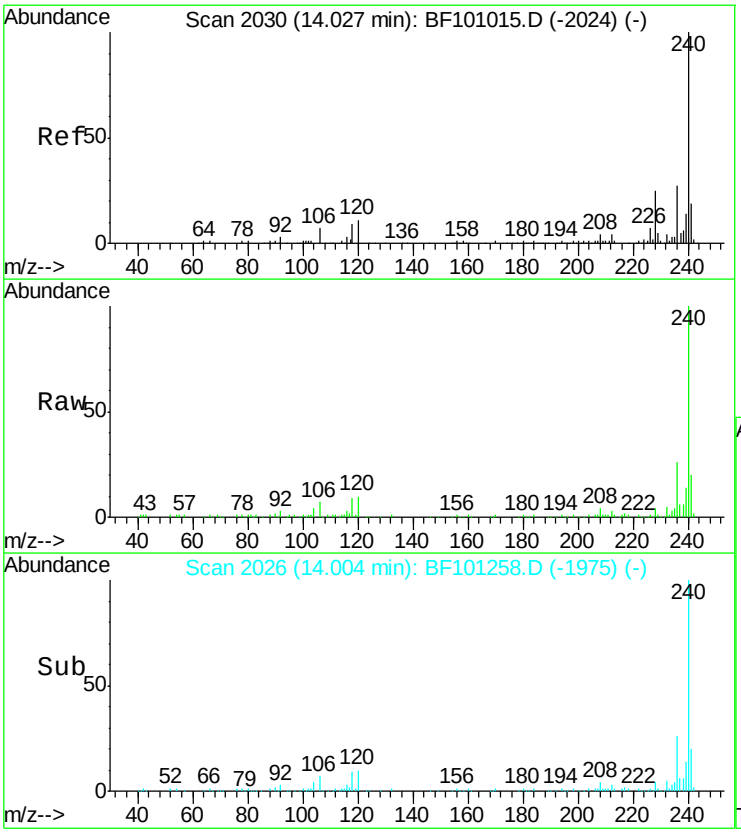
#74
Fluoranthene
Concen: 5.592 ng
RT: 12.57 min Scan# 1783
Delta R.T. 0.01 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Instrument :
BNA_F
ClientSampleId :
B12(0-10)COMP

Tgt Ion:202 Resp: 39813

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	34.1
203	17.4	0.0	38.1

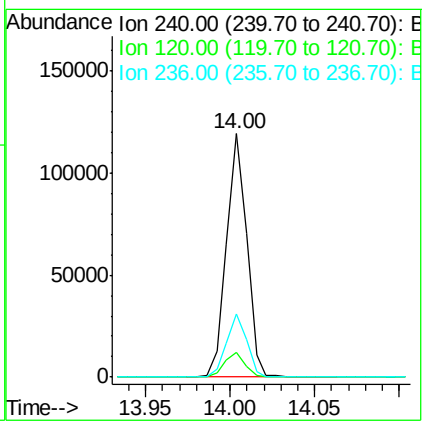


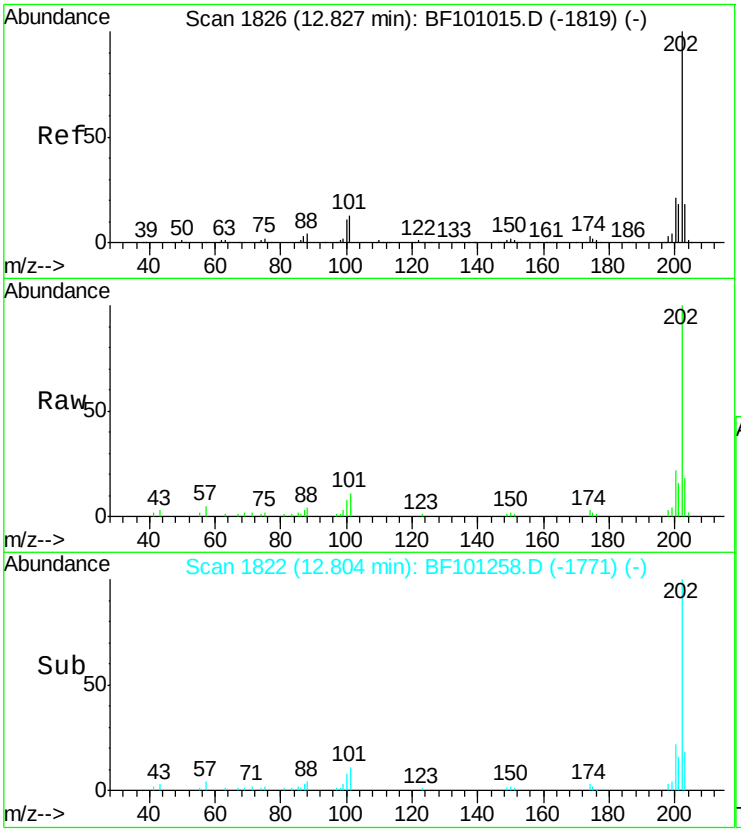


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Tgt Ion:240 Resp: 99456

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	25.7	20.7	31.1



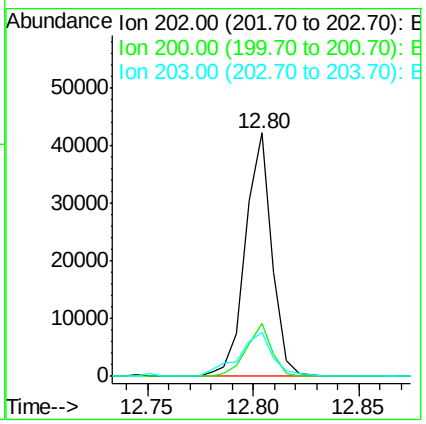


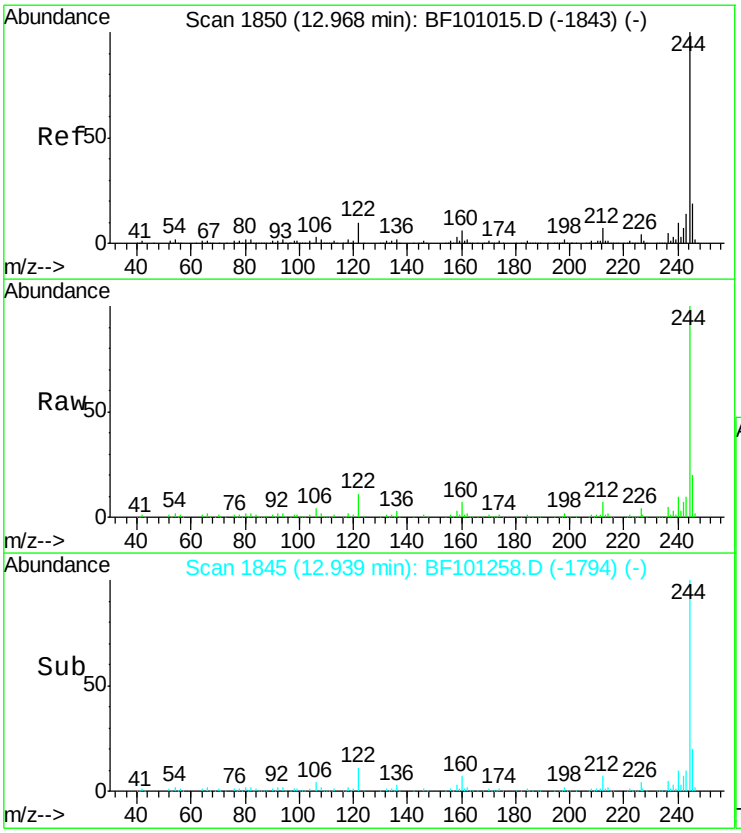
#77
Pyrene
Concen: 5.348 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Instrument :
BNA_F
ClientSampleId :
B12(0-10)COMP

Tgt Ion:202 Resp: 36705

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.8	14.3	21.5

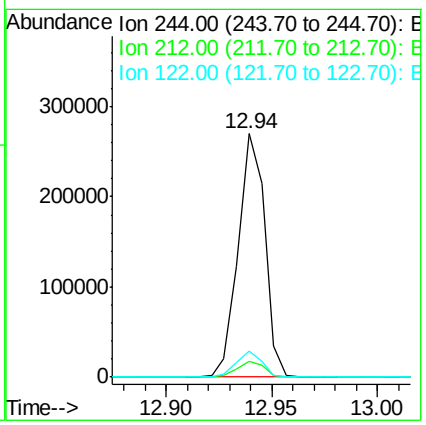


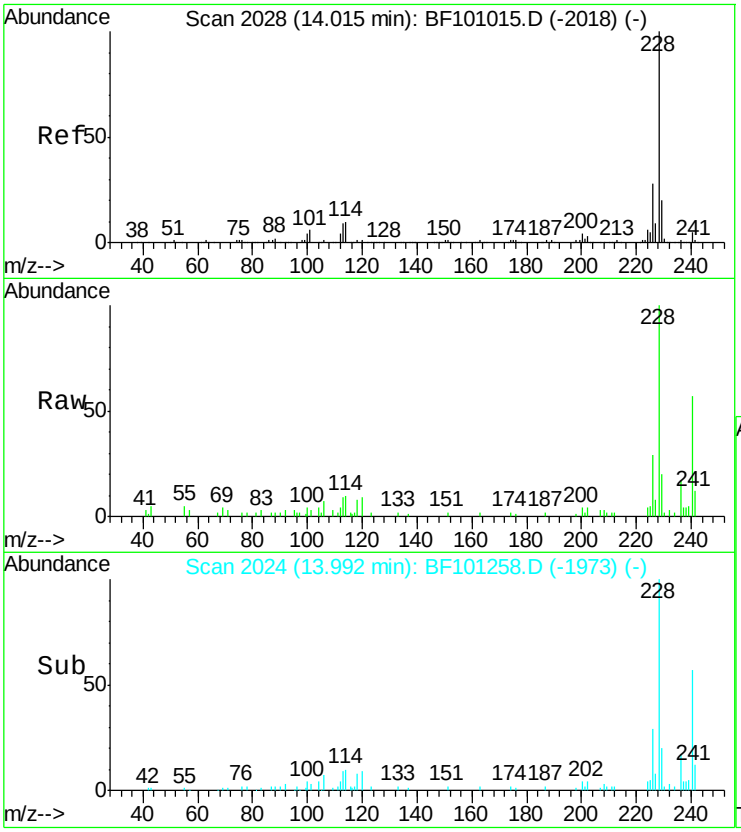


#78
Terphenyl-d14
Concen: 51.769 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Tgt Ion:244 Resp: 235398

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.7	11.0	16.4#



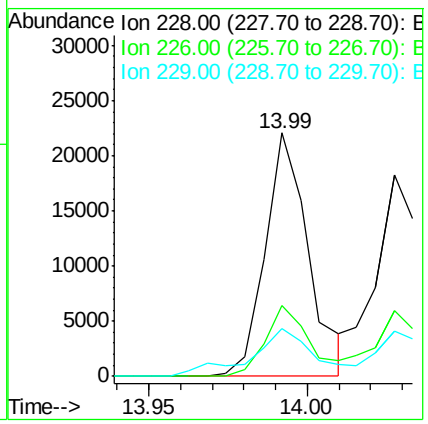


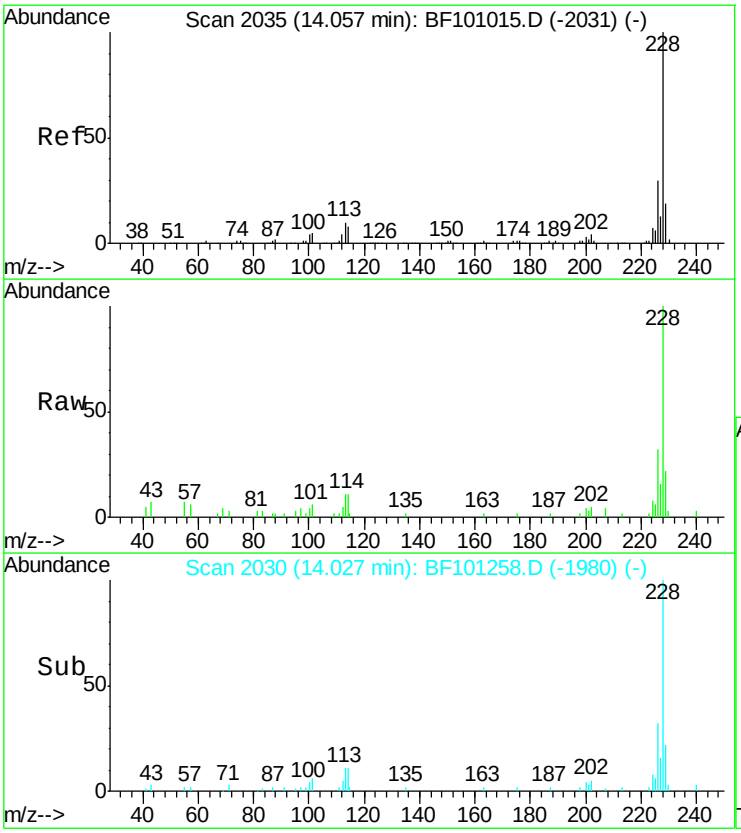
#80
Benzo(a)anthracene
Concen: 3.339 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Instrument :
BNA_F
ClientSampleId :
B12(0-10)COMP

Tgt Ion:228 Resp: 20970

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	19.5	15.8	23.6

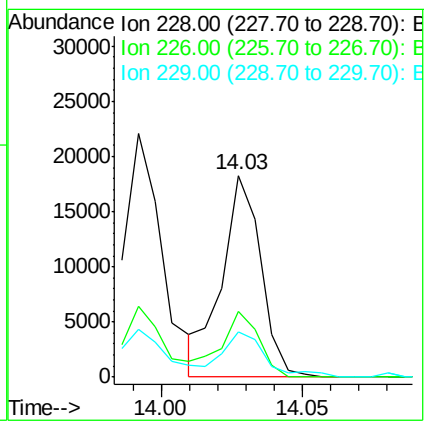


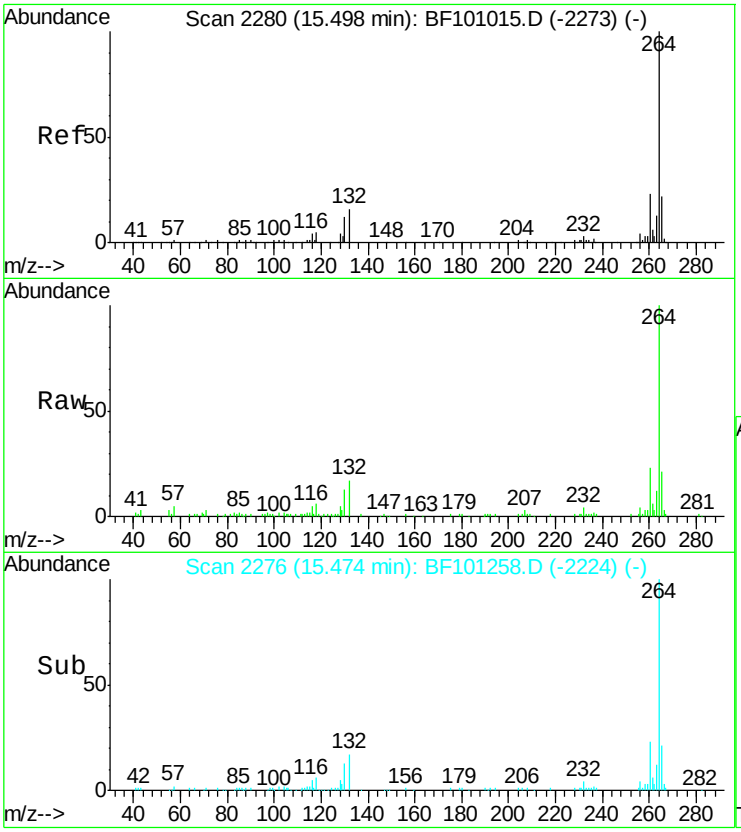


#82
Chrysene
Concen: 3.015 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Tgt Ion:228 Resp: 17586

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.0	37.6
229	22.2	16.2	24.4



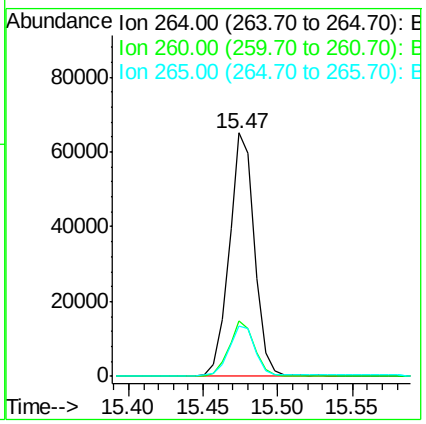


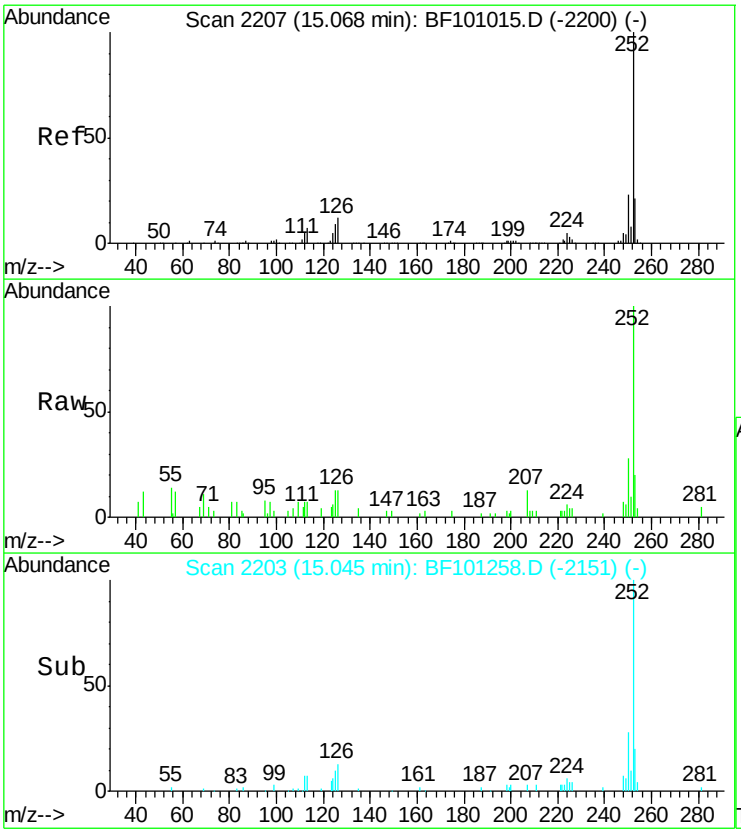
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Instrument :
BNA_F
ClientSampleId :
B12(0-10)COMP

Tgt Ion:264 Resp: 77302

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.7	17.5	26.3

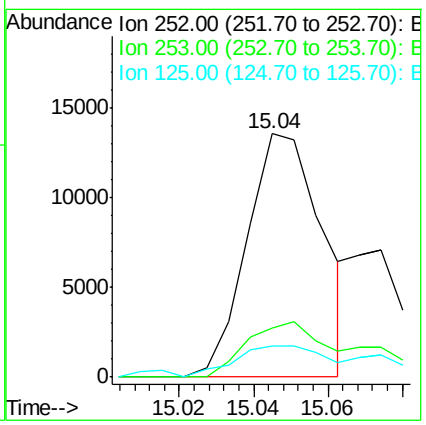


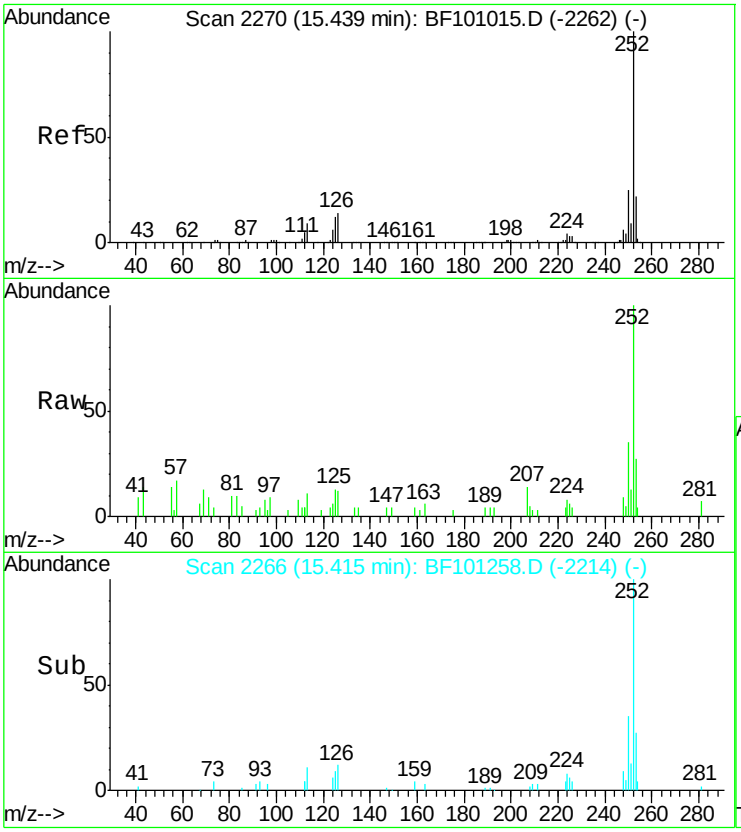


#87
Benzo(b)fluoranthene
Concen: 4.151 ng m
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Tgt Ion:252 Resp: 19218

Ion	Ratio	Lower	Upper
252	100		
253	20.1	17.0	25.6
125	12.9	9.0	13.6



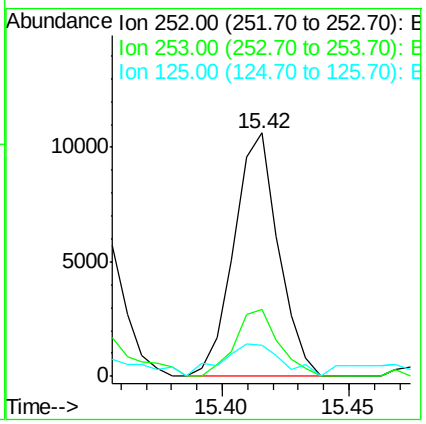


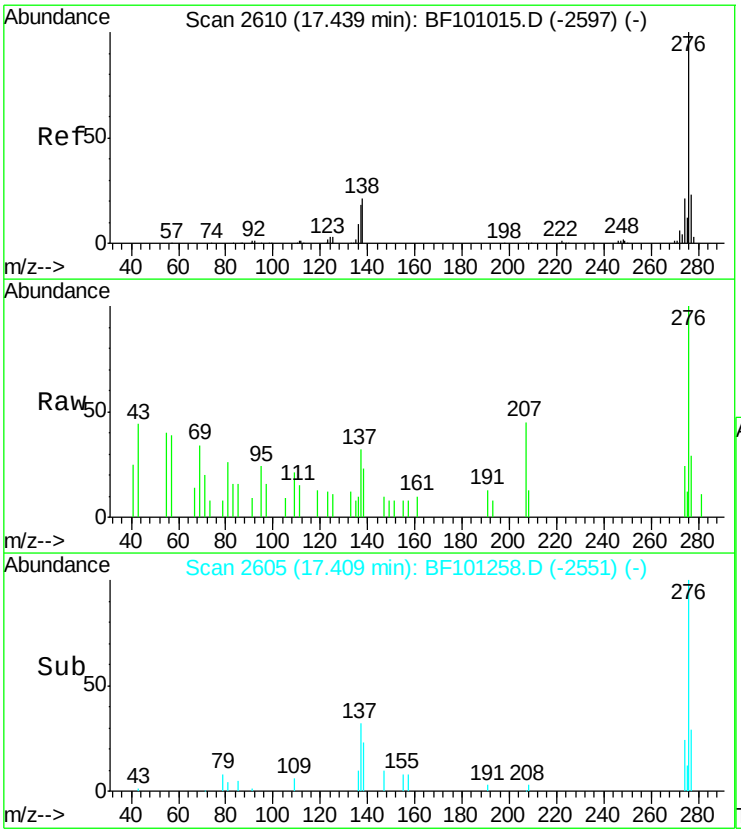
#89
Benzo(a)pyrene
Concen: 3.096 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Instrument :
BNA_F
ClientSampleId :
B12(0-10)COMP

Tgt Ion:252 Resp: 13031

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.1	25.7#
125	12.7	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.244 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.02 min
Lab File: BF101258.D
Acq: 9 Dec 2017 1:23

Tgt Ion:276 Resp: 7848

Ion	Ratio	Lower	Upper
276	100		
277	29.1	17.9	26.9#
138	23.4	21.8	32.8