Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101126.D
Acq On : 5 Dec 2017 16:05
Operator : SJ/JU
Sample : I6734-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 05 16:58:23 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	60647	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	222134	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	100843	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	179608	20.00	ng		0.00
75) Chrysene-d12	14.02	240	122628	20.00	ng		0.00
86) Perylene-d12	15.50	264	121213	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	382319	104.17	ng		0.00
7) Phenol-d6	6.49	99	455945	102.32	ng		0.00
23) Nitrobenzene-d5	7.42	82	278886	74.89	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	120668	99.61	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	548783	74.46	ng		0.00
78) Terphenyl-d14	12.96	244	426669	76.10	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.62	77	8710	3.19	ng		83
10) Phenol	6.49	94	11985	2.42	ng	#	64
19) n-Nitroso-di-n-propylamine	7.42	70	36967	12.32	ng	#	82
25) Isophorone	7.42	82	278881	43.85	ng	#	64
49) Dimethylphthalate	9.60	163	71500	8.79	ng		98
56) 2,4-Dinitrotoluene	9.89	165	12854	5.60	ng	#	21
66) 4-Bromophenyl-phenylether	10.68	248	7795	3.88	ng	#	1
70) Phenanthrene	11.40	178	134762	13.62	ng		97
71) Anthracene	11.45	178	28655	2.86	ng		97
74) Fluoranthene	12.59	202	186831	17.04	ng		92
77) Pyrene	12.82	202	192737	22.78	ng		98
80) Benzo(a)anthracene	14.01	228	84848	10.96	ng		94
82) Chrysene	14.05	228	88067	12.25	ng		98
85) Indeno(1,2,3-cd)pyrene	16.97	276	34117	5.34	ng		93
87) Benzo(b)fluoranthene	15.06	252	114237	15.73	ng		99
88) Benzo(k)fluoranthene	15.06	252	114237	15.97	ng		97
89) Benzo(a)pyrene	15.43	252	68742	10.41	ng		95
91) Benzo(g,h,i)perylene	17.43	276	35978	6.56	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
Data File : BF101126.D
Acq On : 5 Dec 2017 16:05
Operator : SJ/JU
Sample : I6734-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 05 16:58:23 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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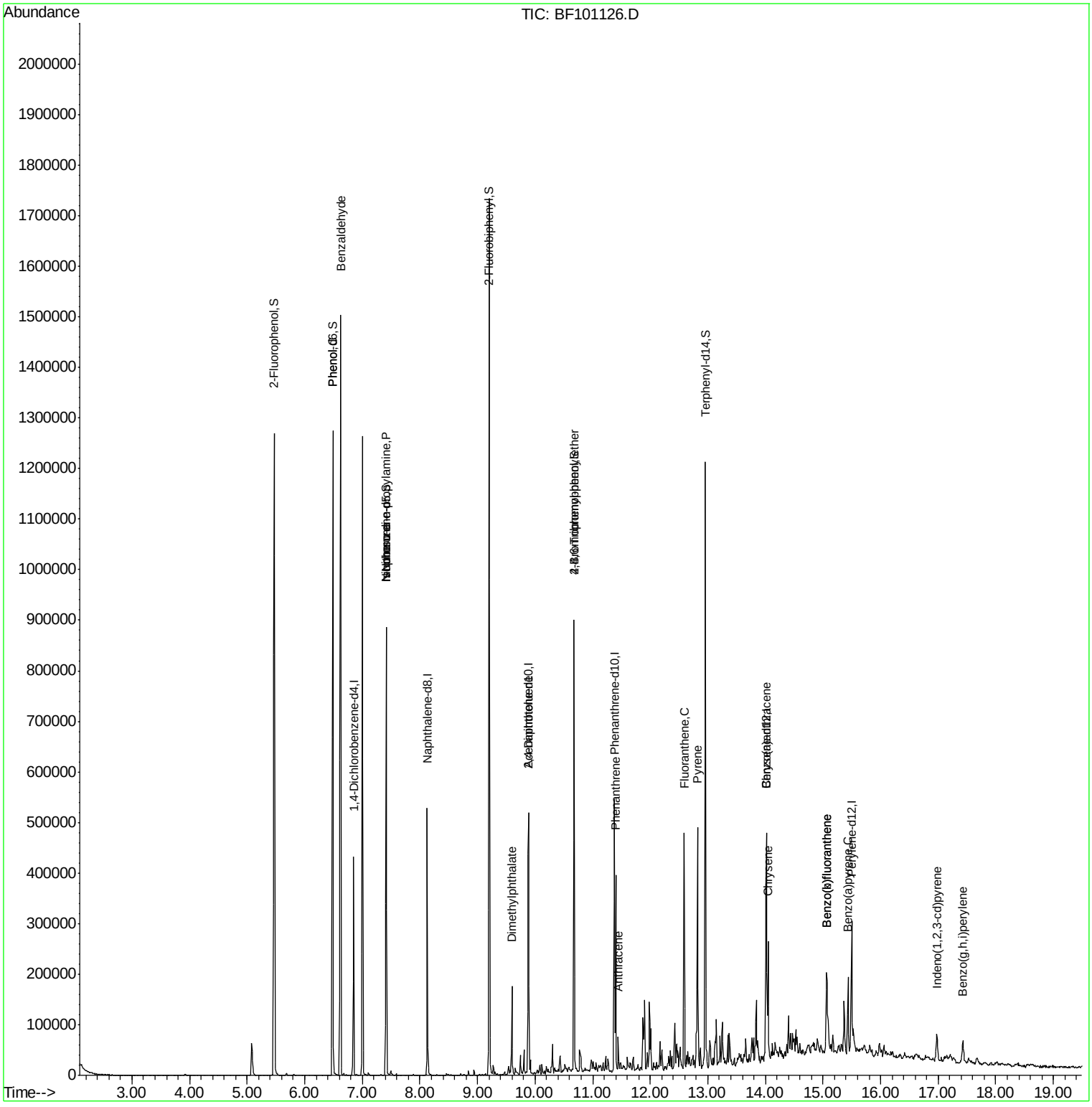
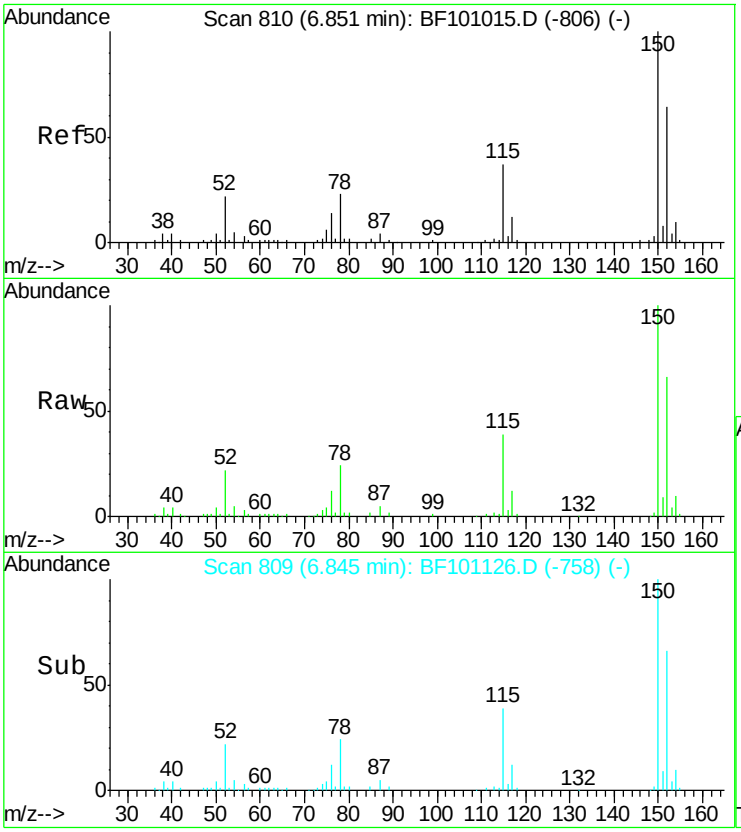


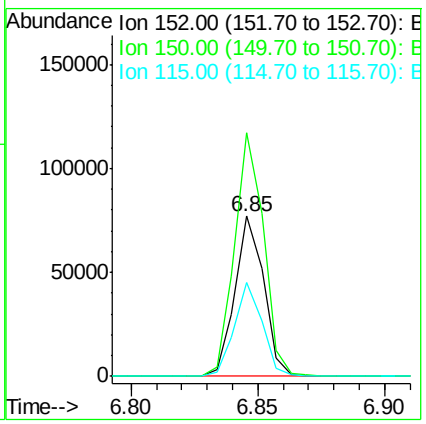


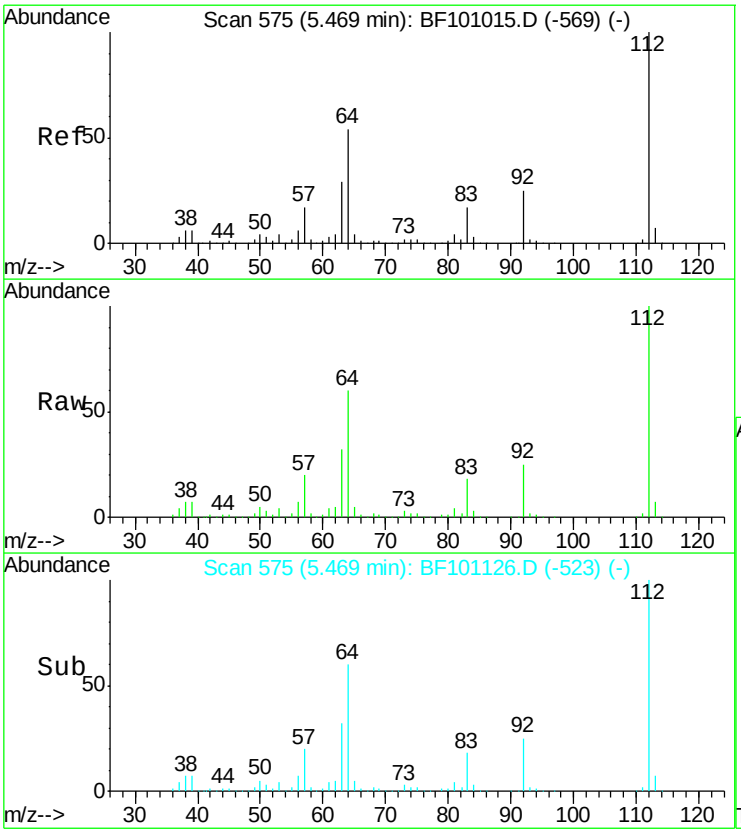
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 60647

Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.6	186.8
115	58.7	50.1	75.1

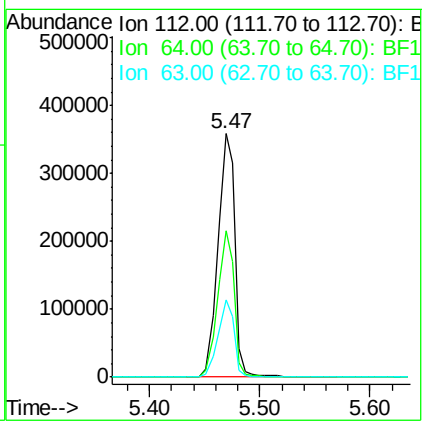


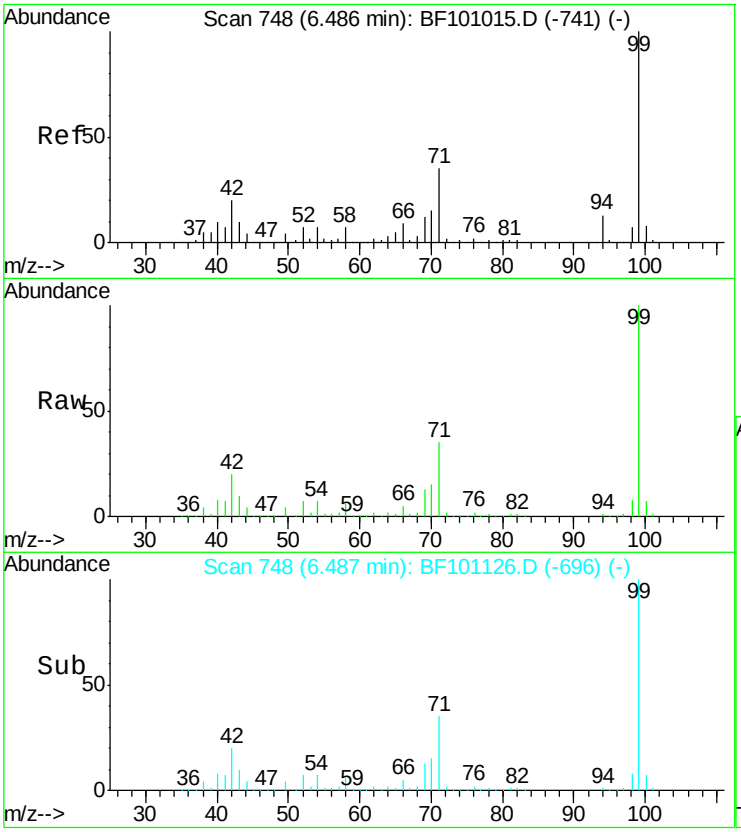


#5
2-Fluorophenol
Concen: 104.17 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Tgt Ion:112 Resp: 382319

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	31.8	23.7	35.5



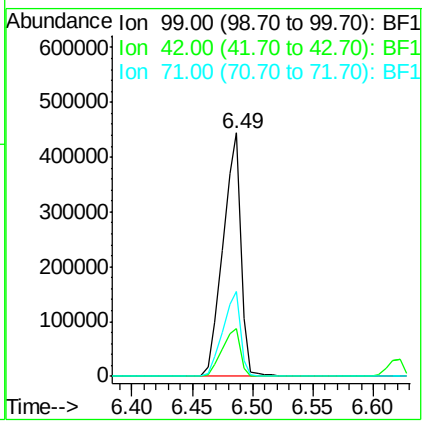


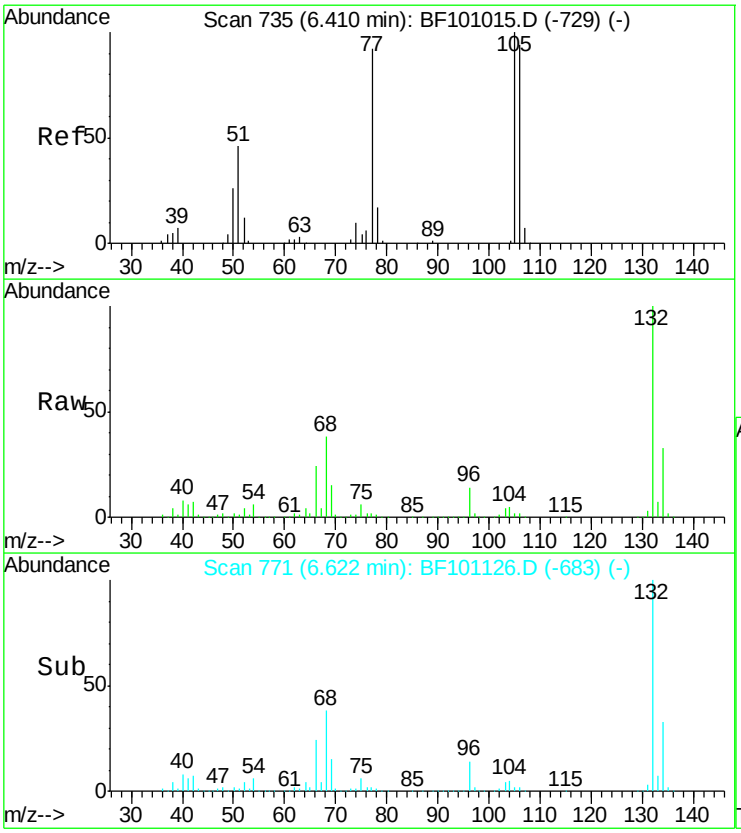
#7
Phenol-d6
Concen: 102.32 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 455945

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.5	21.7
71	34.7	25.4	38.0

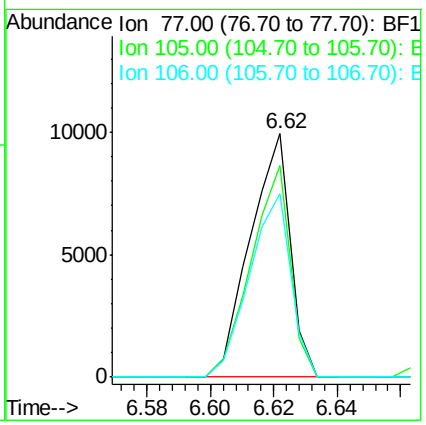


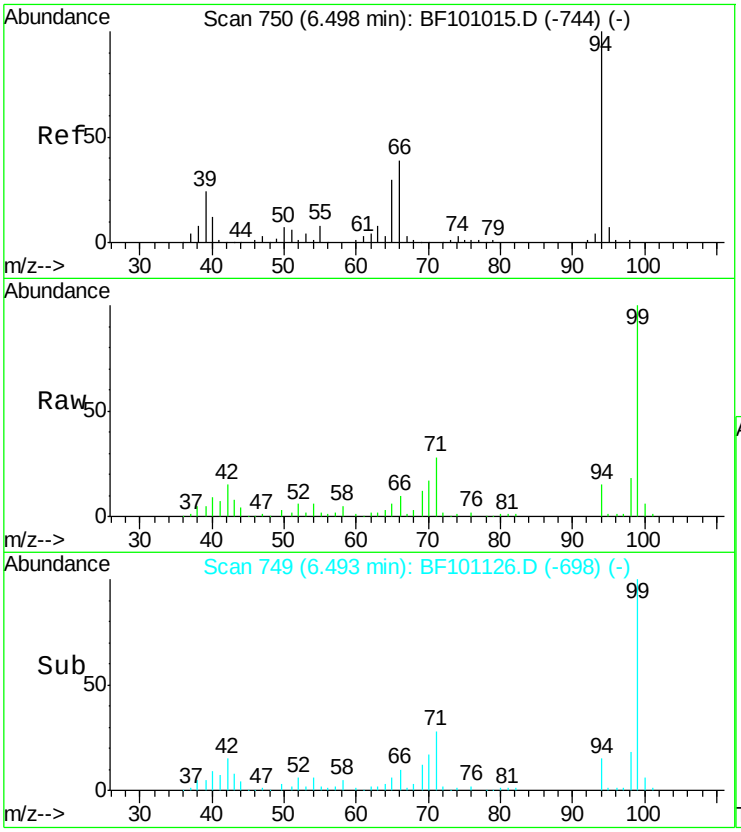


#9
Benzaldehyde
Concen: 3.19 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.22 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Tgt Ion: 77 Resp: 8710

Ion	Ratio	Lower	Upper
77	100		
105	86.8	81.1	121.1
106	75.5	74.5	114.5



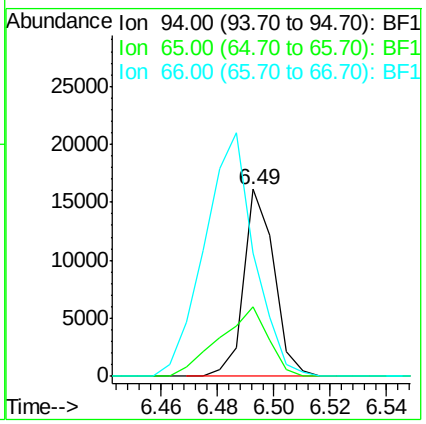


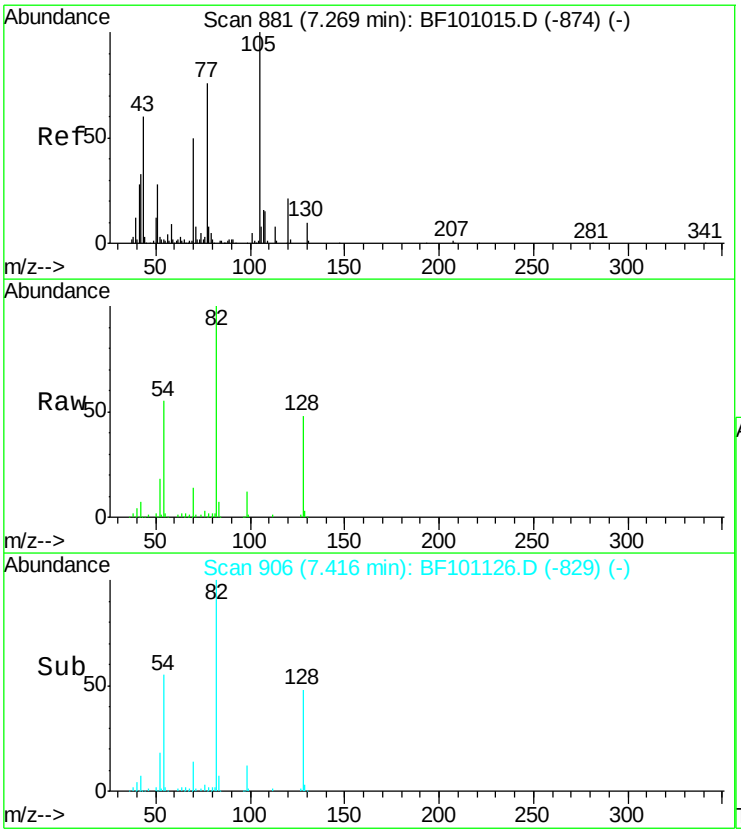
#10
Phenol
Concen: 2.42 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 11985

Ion	Ratio	Lower	Upper
94	100		
65	37.3	7.9	47.9
66	65.8	16.2	56.2#

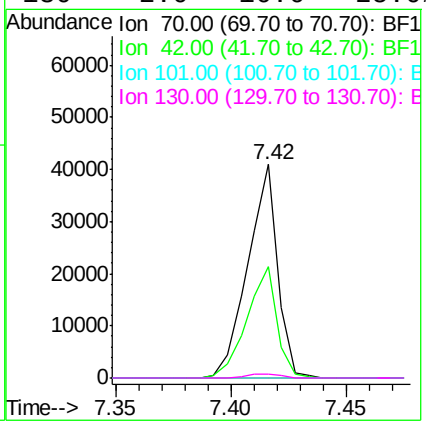


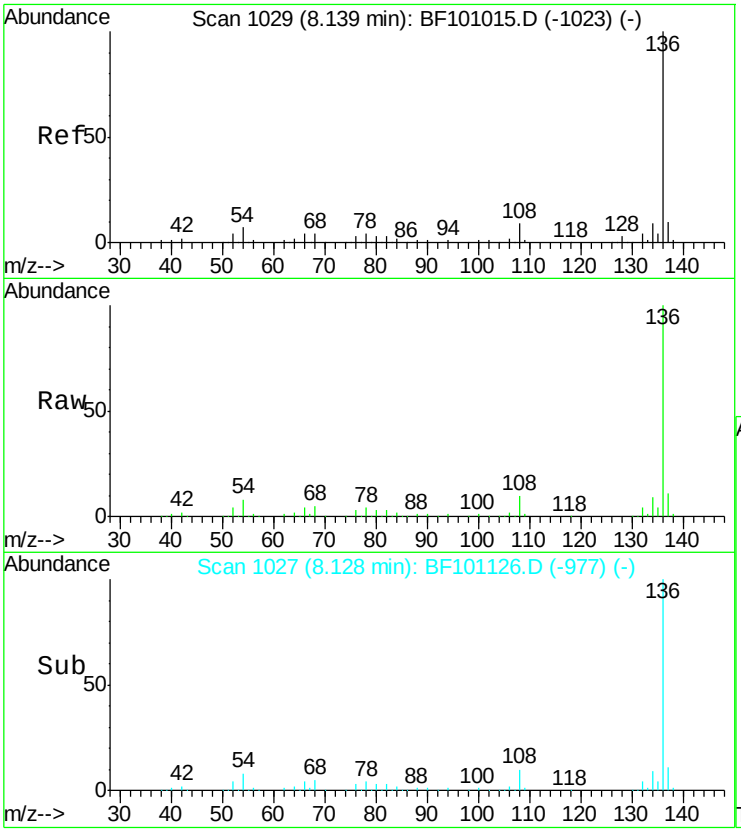


#19
n-Nitroso-di-n-propylamine
Concen: 12.32 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Tgt Ion: 70 Resp: 36967

Ion	Ratio	Lower	Upper
70	100		
42	52.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



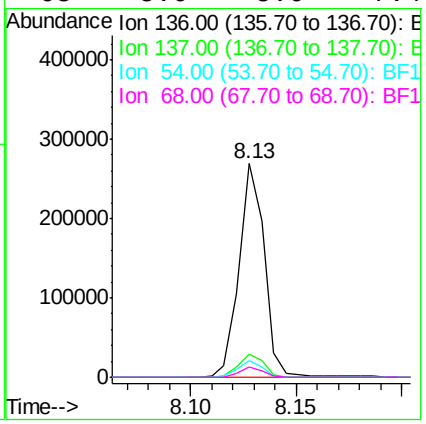


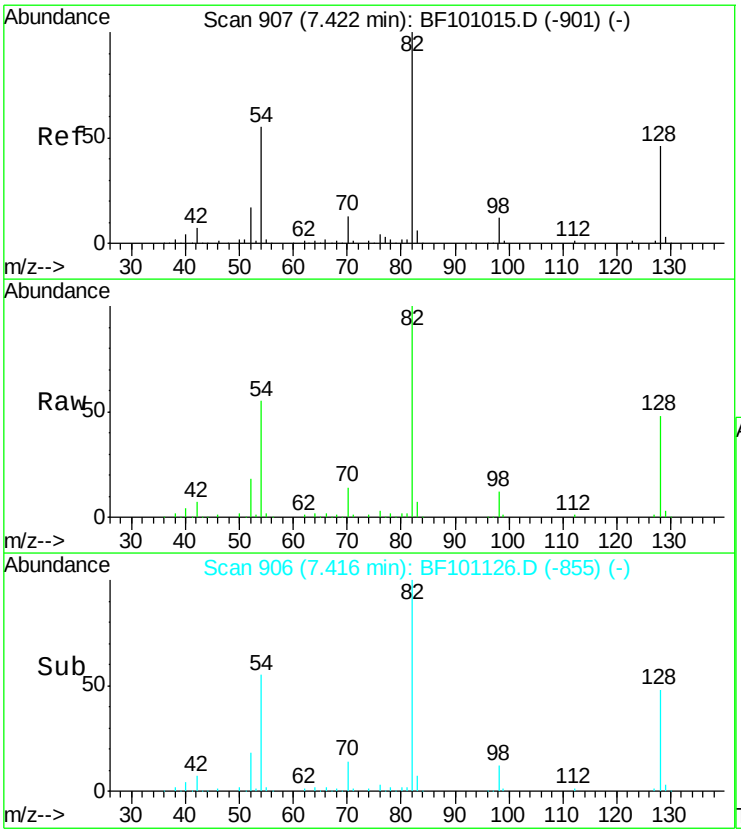
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 222134

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.0	6.6	9.8
68	5.0	5.0	7.4

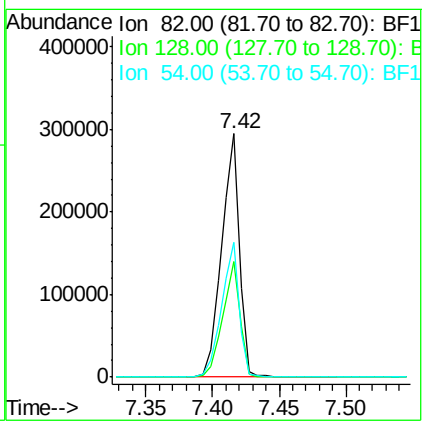


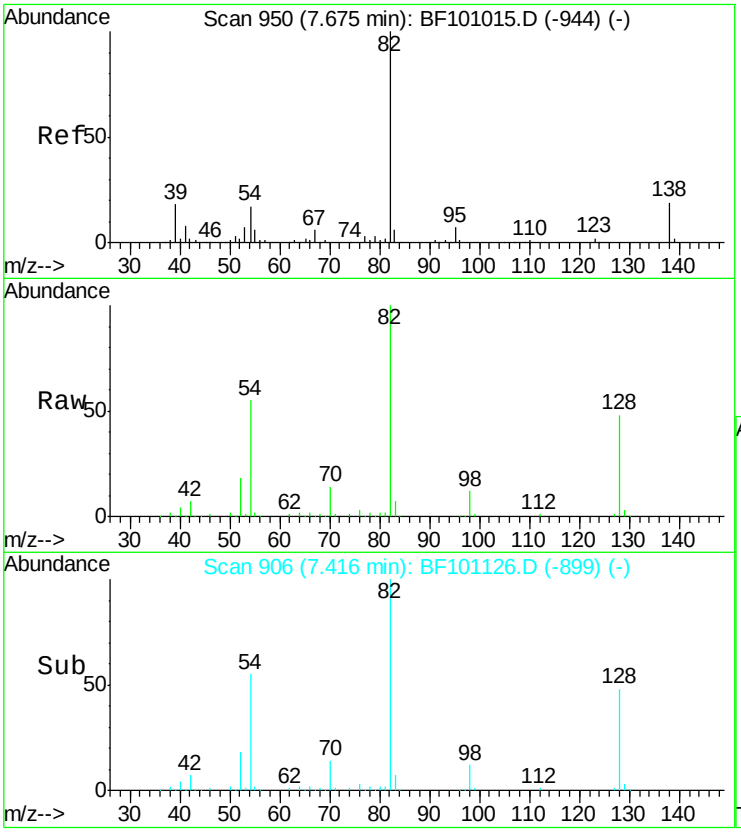


#23
Nitrobenzene-d5
Concen: 74.89 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Tgt Ion: 82 Resp: 278886

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	55.3	41.4	62.2

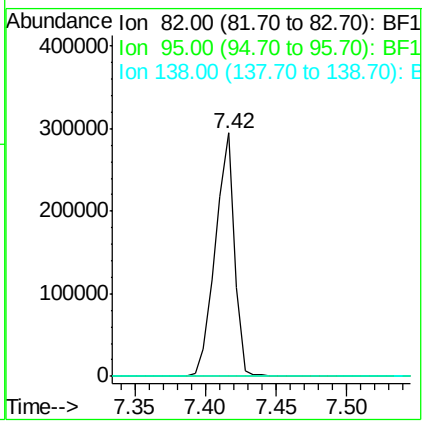




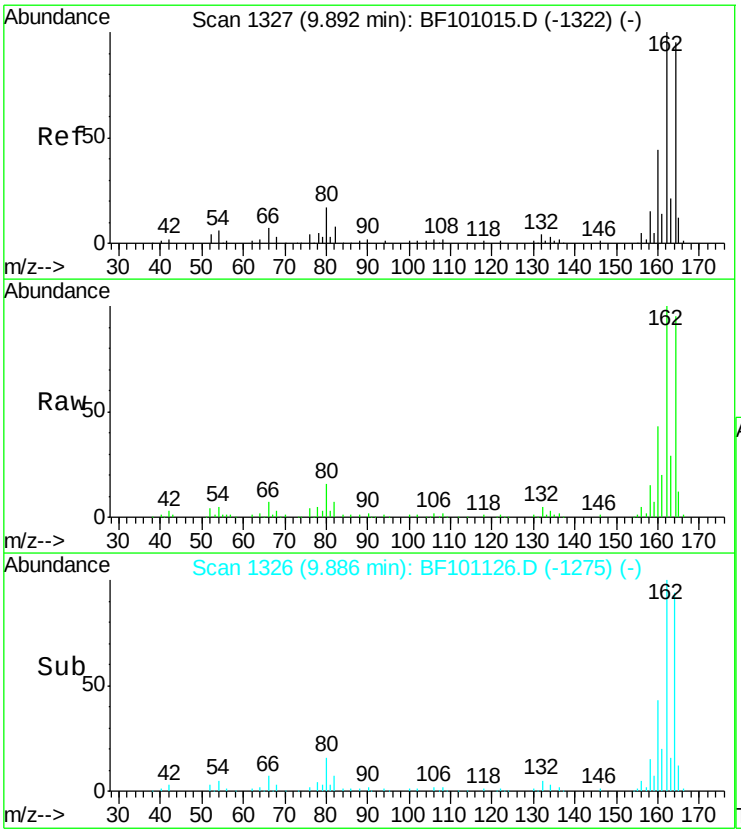
#25
Isophorone
Concen: 43.85 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Tgt Ion: 82 Resp: 278881

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



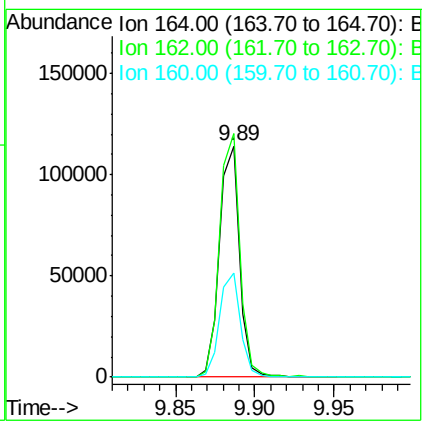
Instrument :
BNA_F
ClientSampleId :

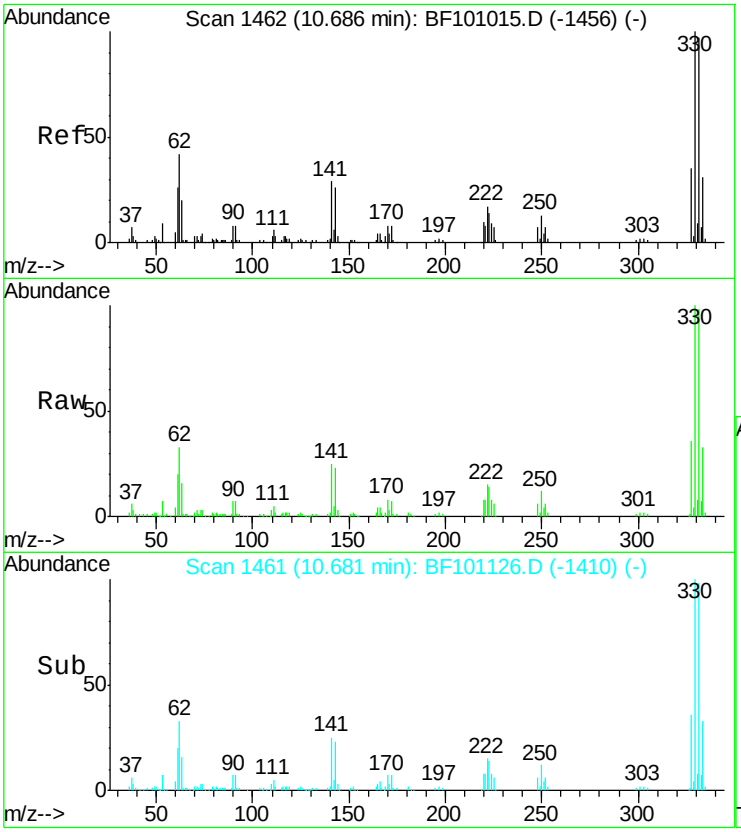


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Tgt Ion:164 Resp: 100843

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	45.1	38.3	57.5



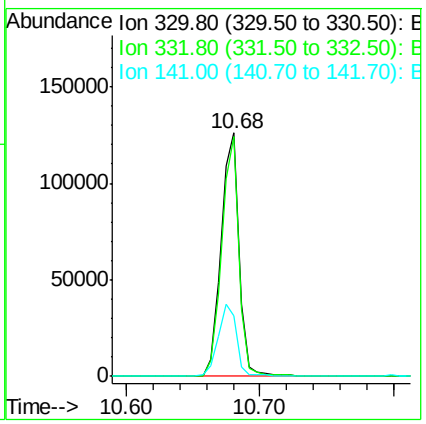


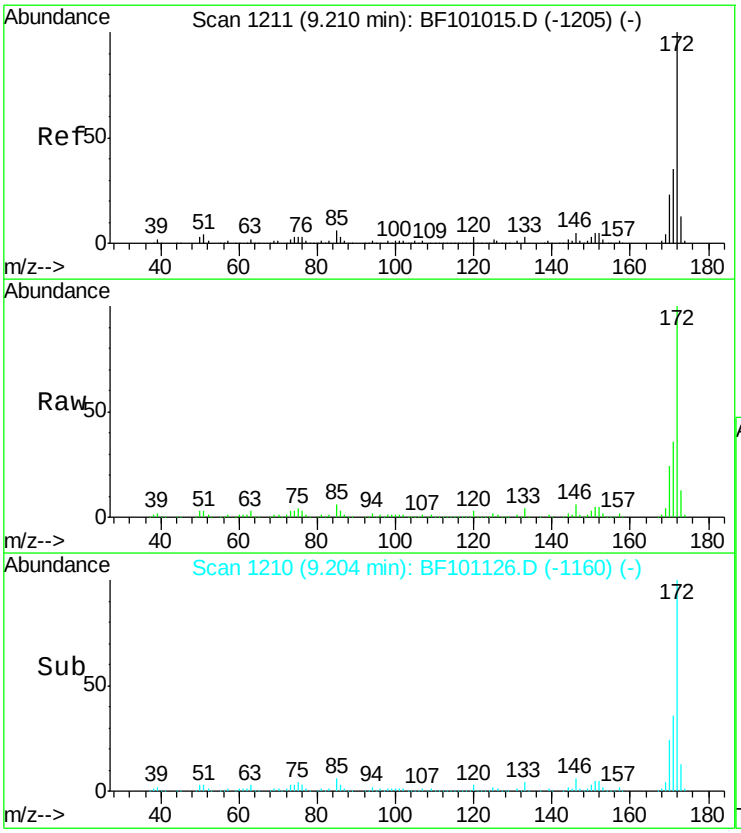
#41
2,4,6-Tribromophenol
Concen: 99.61 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 120668

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	30.1	29.9	44.9

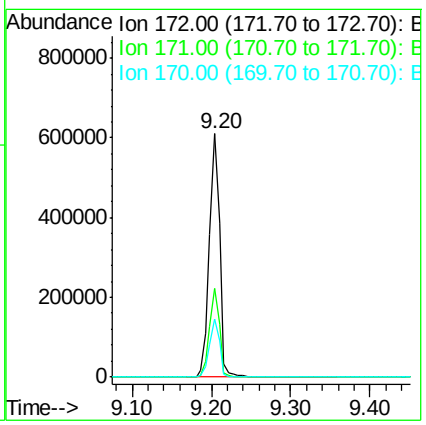


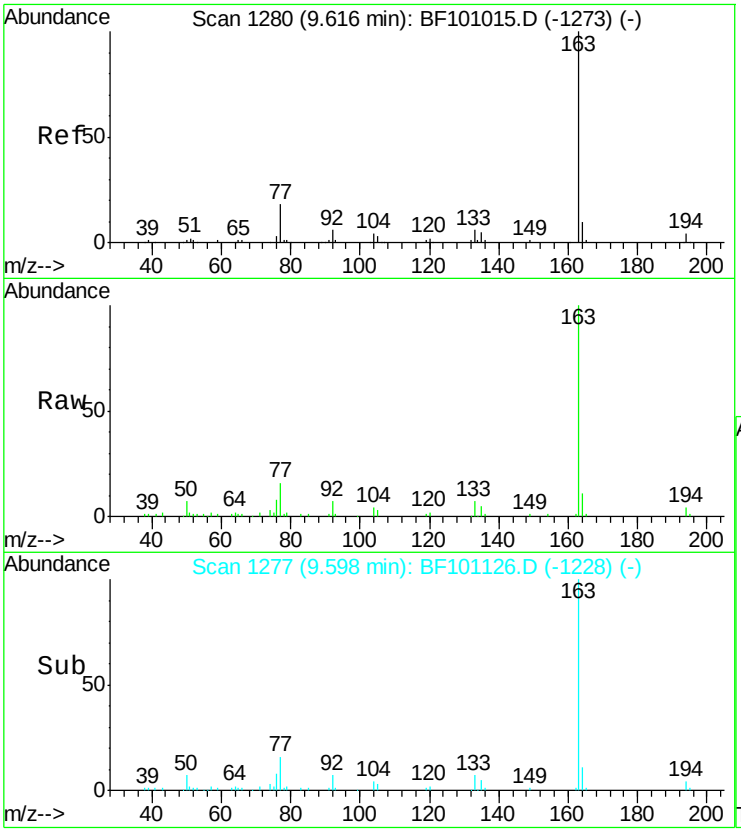


#44
2-Fluorobiphenyl
Concen: 74.46 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Tgt Ion:172 Resp: 548783

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	19.6	29.4



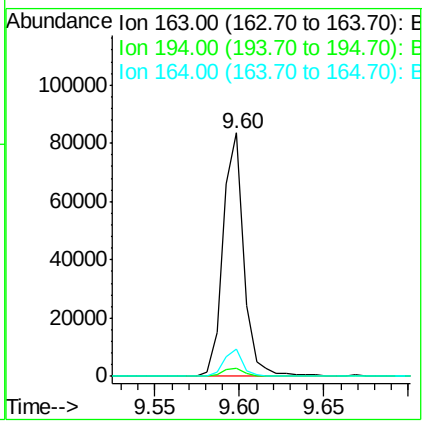


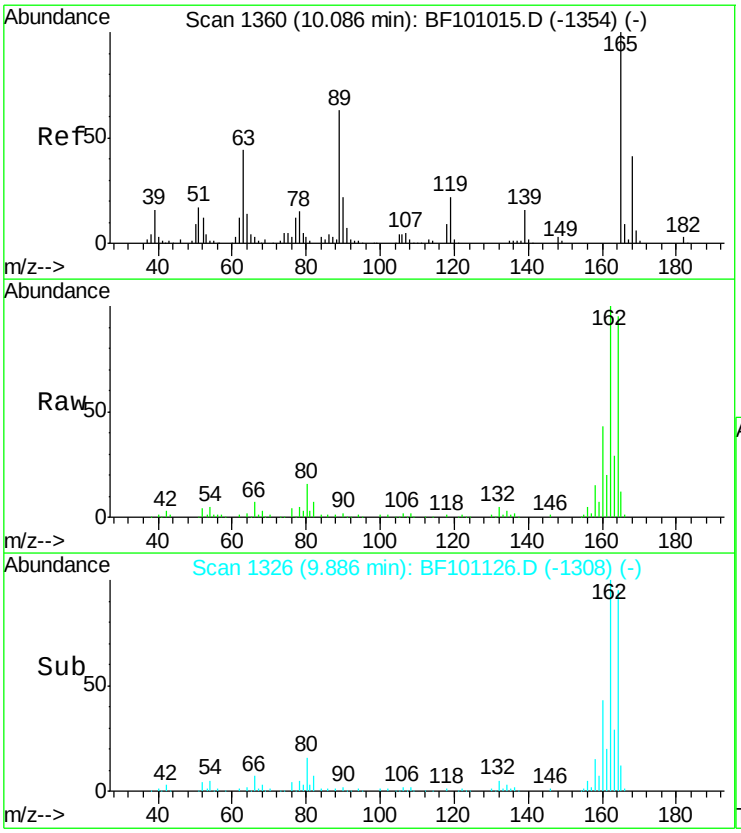
#49
Dimethylphthalate
Concen: 8.79 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 71500

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	11.0	8.2	12.2

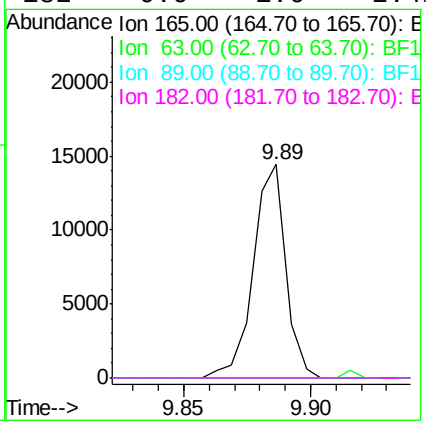


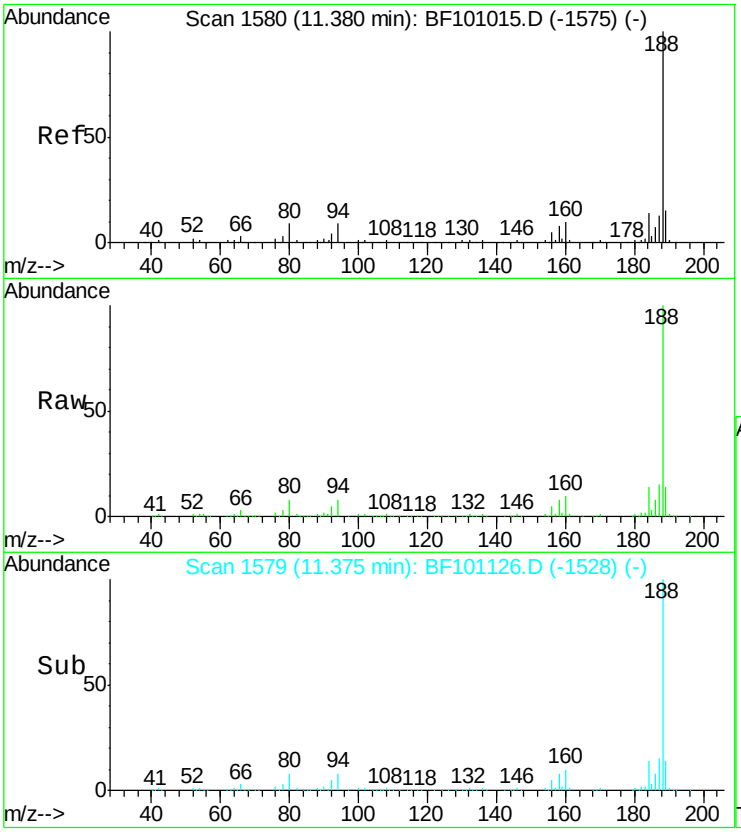


#56
2,4-Dinitrotoluene
Concen: 5.60 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Tgt Ion:165 Resp: 12854

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#



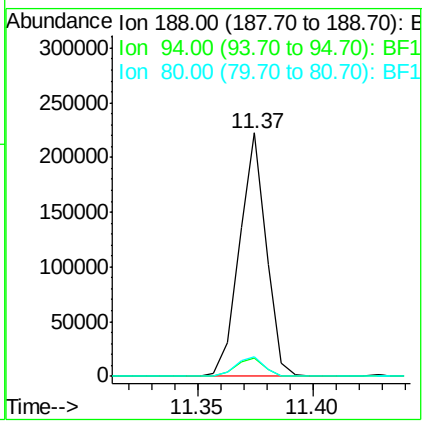


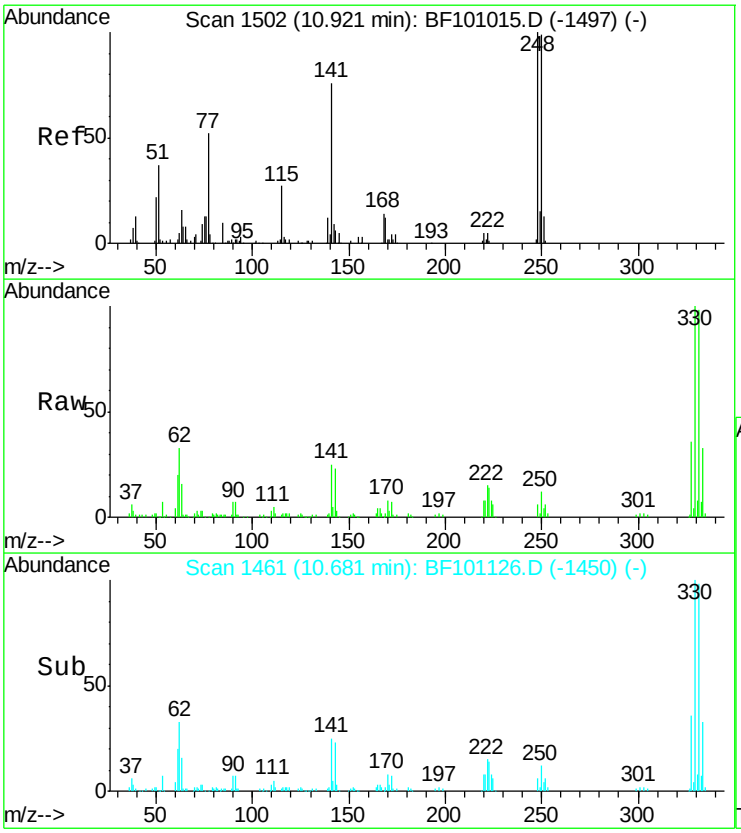
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 179608

Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.2	9.2	13.8#

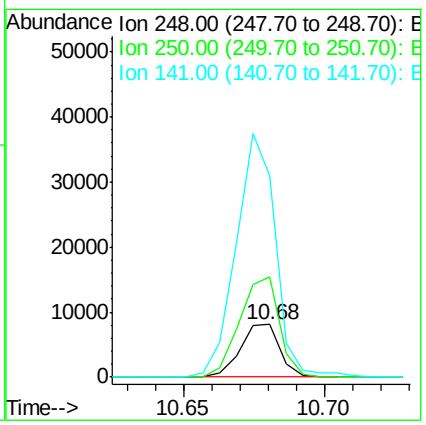


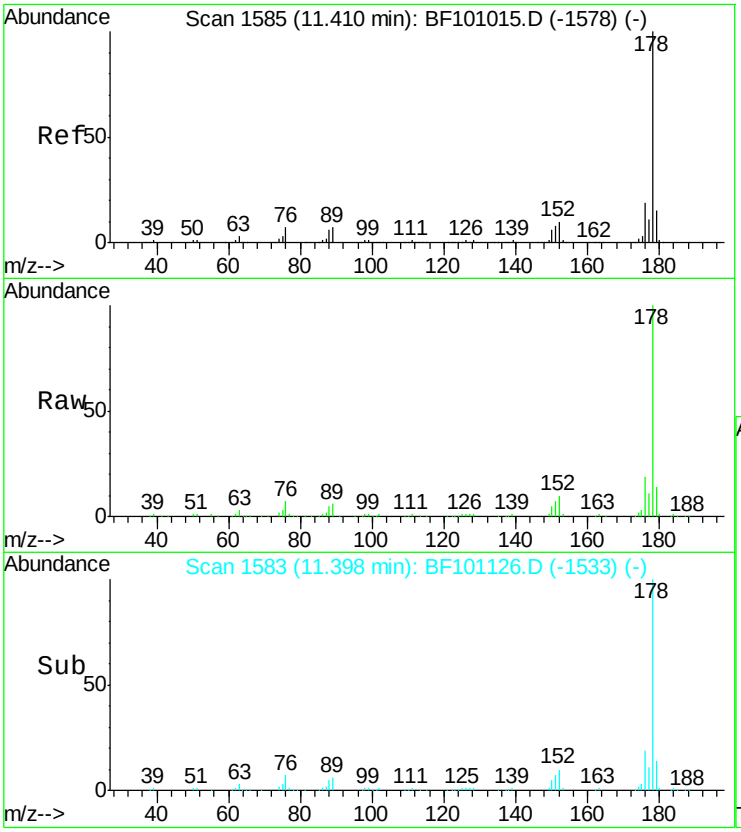


#66
4-Bromophenyl-phenylether
Concen: 3.88 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.23 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Tgt Ion:248 Resp: 7795

Ion	Ratio	Lower	Upper
248	100		
250	191.5	76.9	115.3#
141	386.2	74.4	111.6#



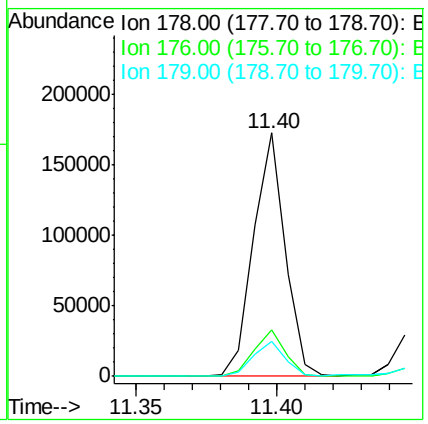


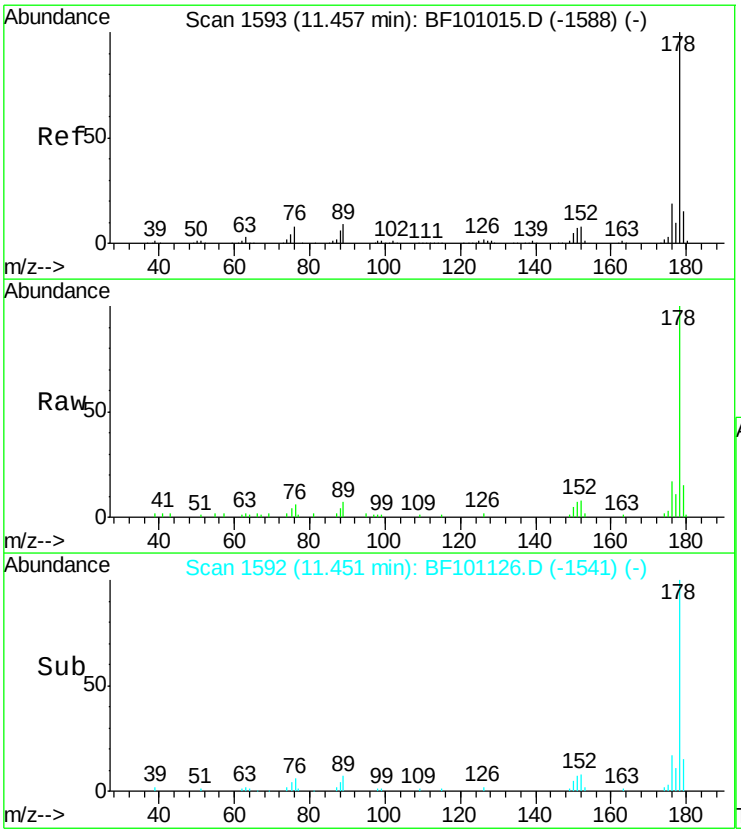
#70
Phenanthrene
Concen: 13.62 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 134762

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	14.5	13.0	19.6

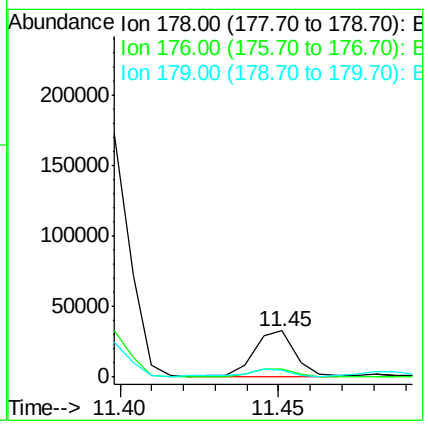


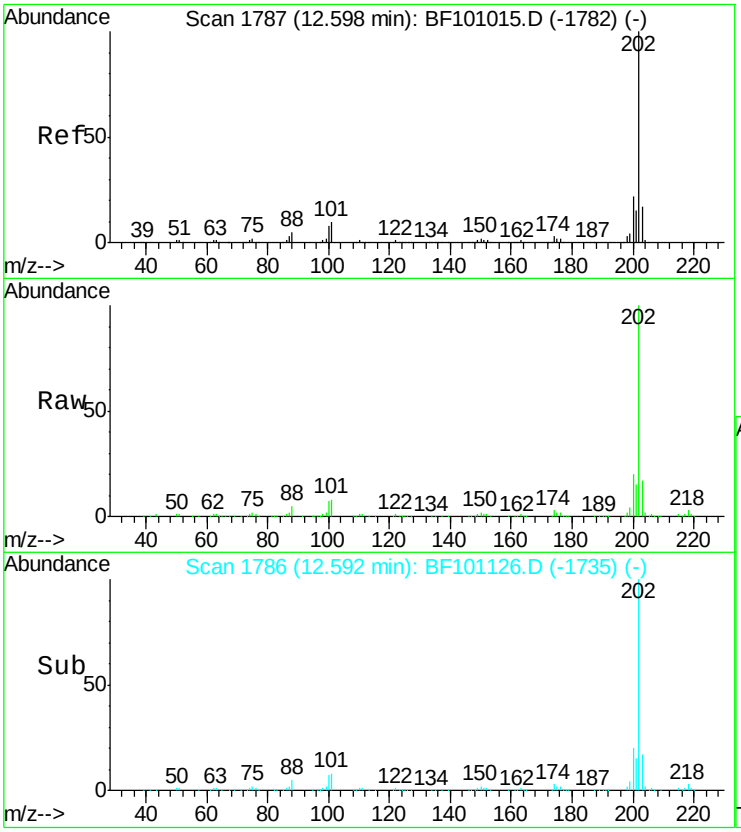


#71
Anthracene
Concen: 2.86 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Tgt Ion:178 Resp: 28655

Ion	Ratio	Lower	Upper
178	100		
176	17.3	15.4	23.2
179	15.0	12.6	19.0



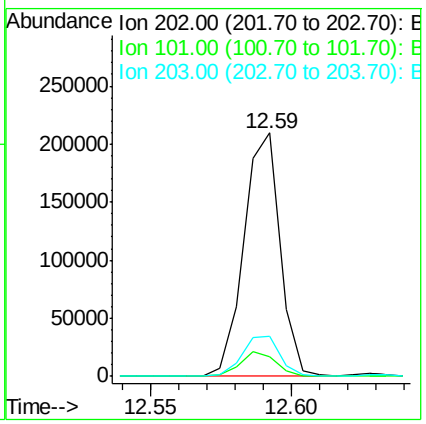


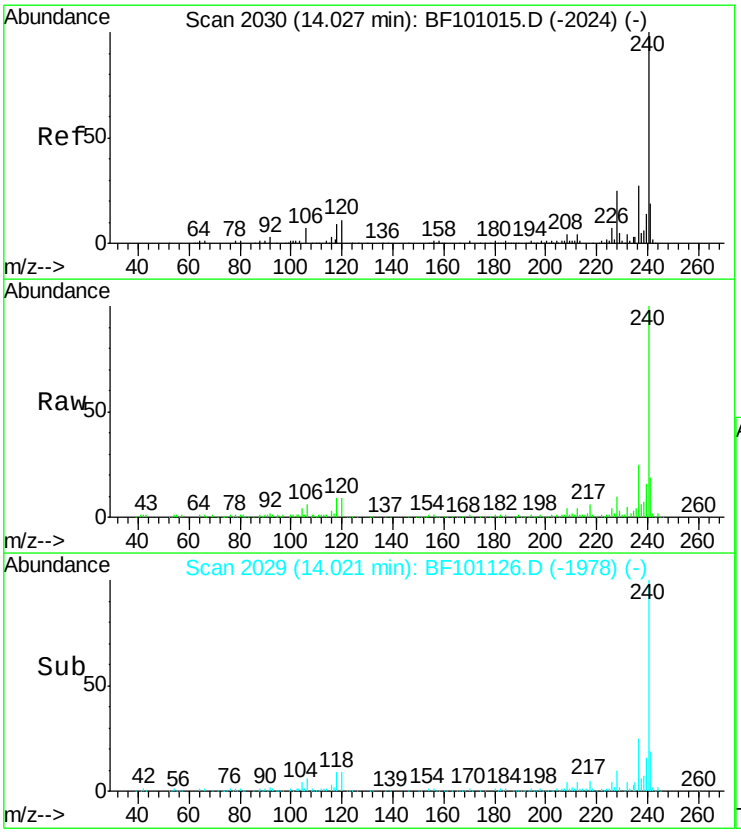
#74
Fluoranthene
Concen: 17.04 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 186831

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	34.1
203	16.6	0.0	38.1

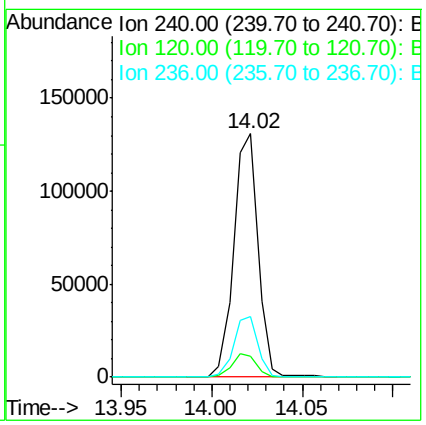


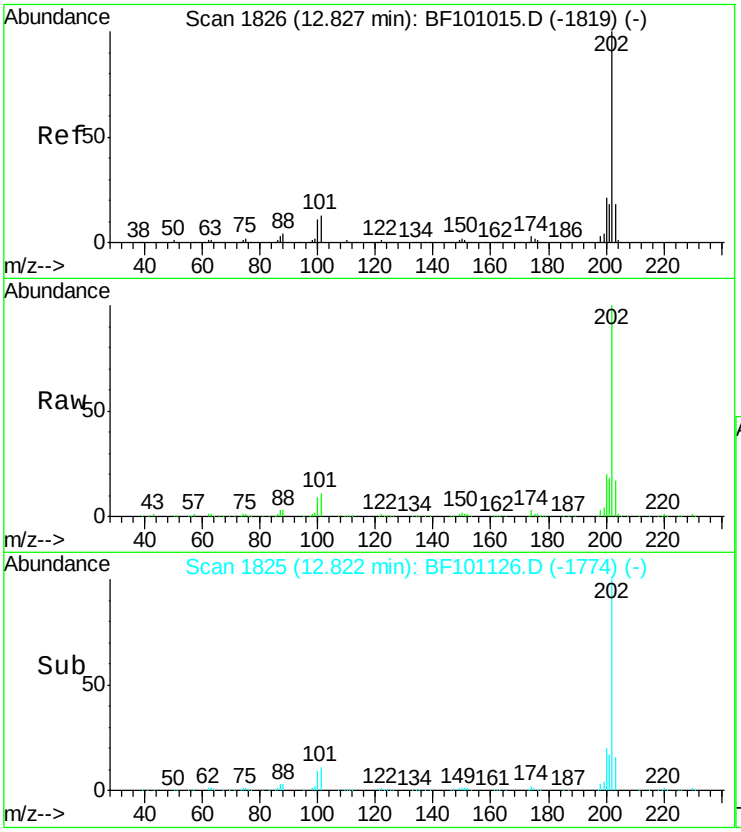


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Tgt Ion:240 Resp: 122628

Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.5	14.3#
236	25.1	20.7	31.1



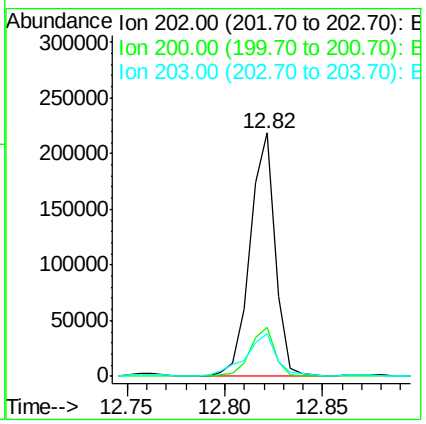


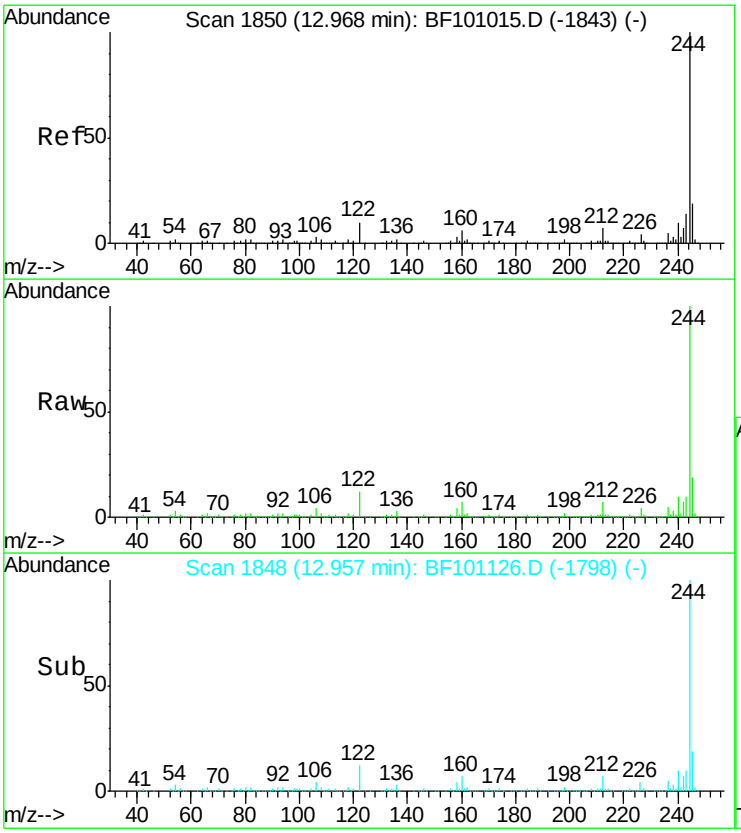
#77
Pyrene
Concen: 22.78 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 192737

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	17.3	14.3	21.5

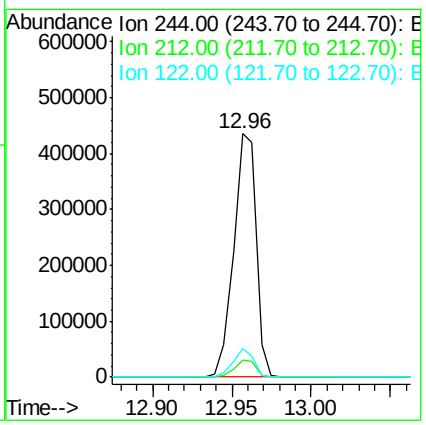


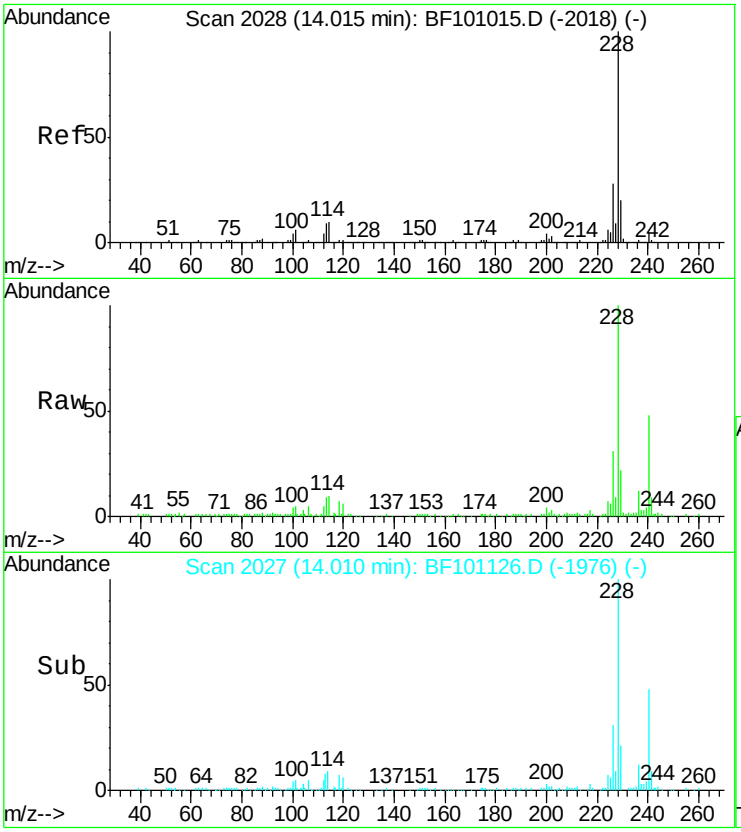


#78
Terphenyl-d14
Concen: 76.10 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Tgt Ion:244 Resp: 426669

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.9	11.0	16.4



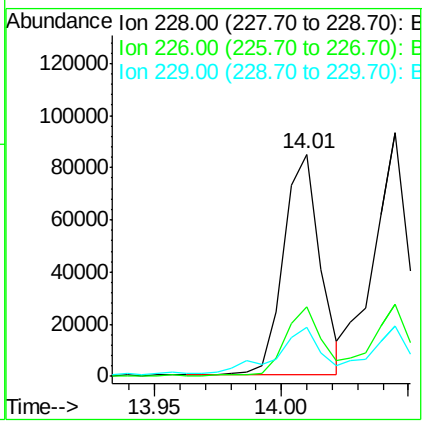


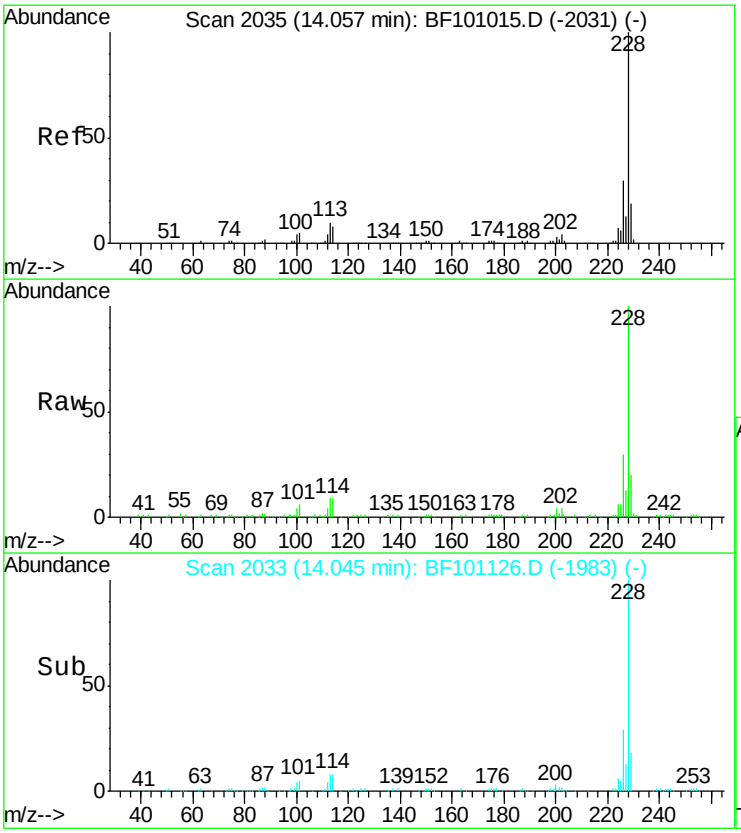
#80
Benzo(a)anthracene
Concen: 10.96 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 84848

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	33.8
229	21.9	15.8	23.6

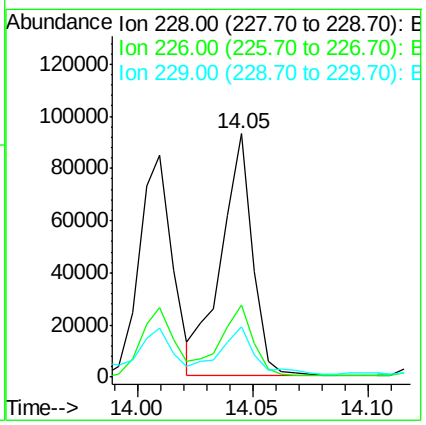


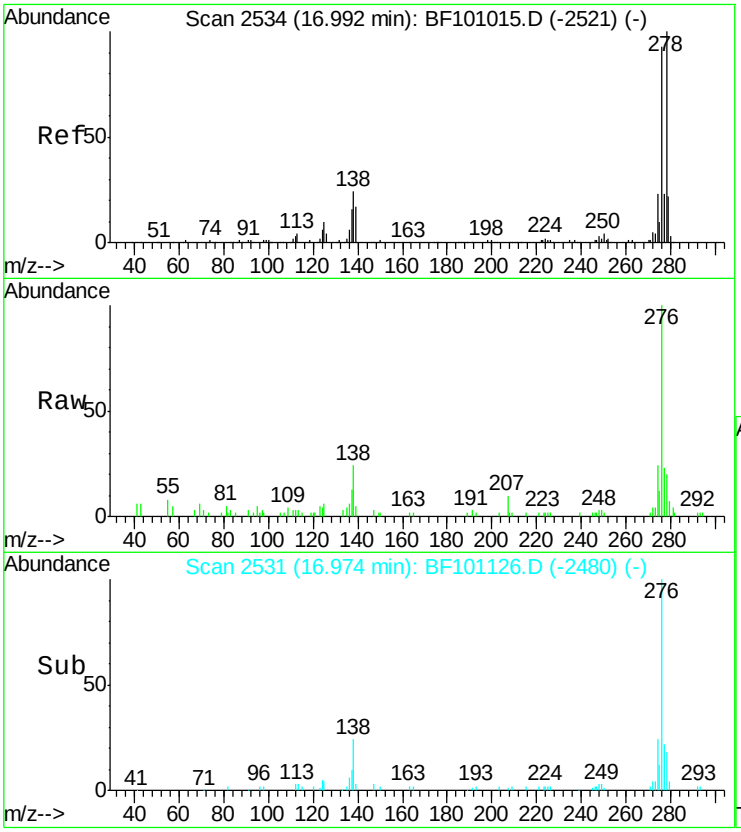


#82
Chrysene
Concen: 12.25 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Tgt Ion:228 Resp: 88067

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	20.4	16.2	24.4



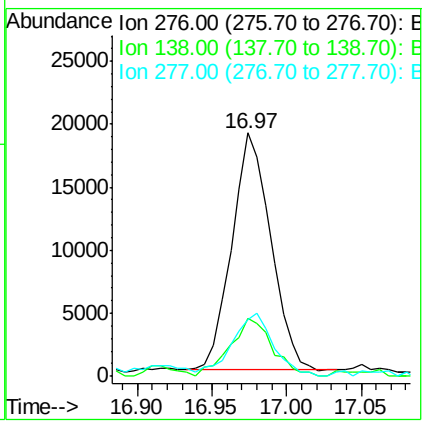


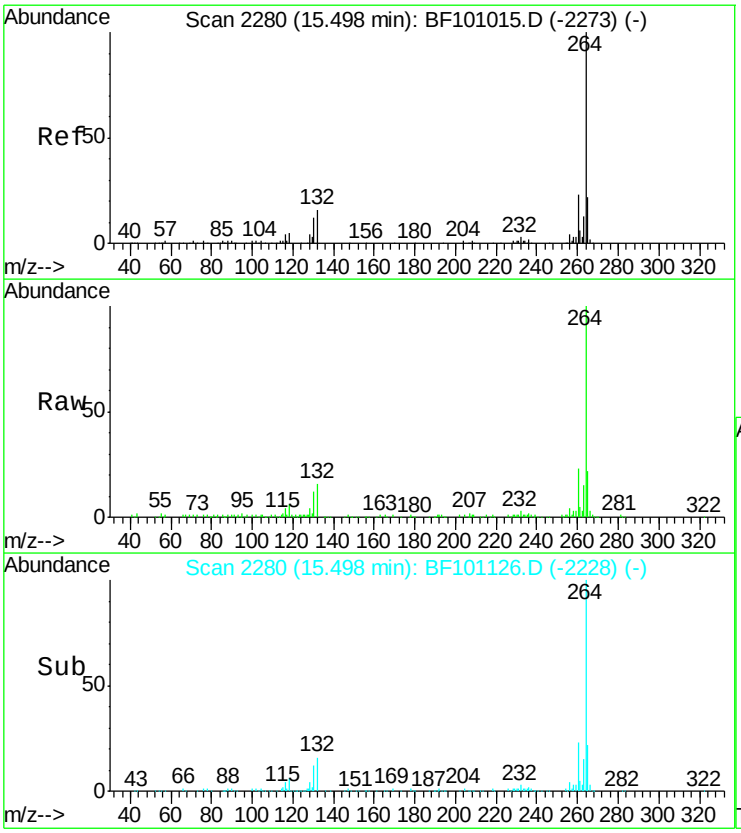
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.34 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 34117

Ion	Ratio	Lower	Upper
276	100		
138	26.7	25.0	37.6
277	28.3	20.1	30.1

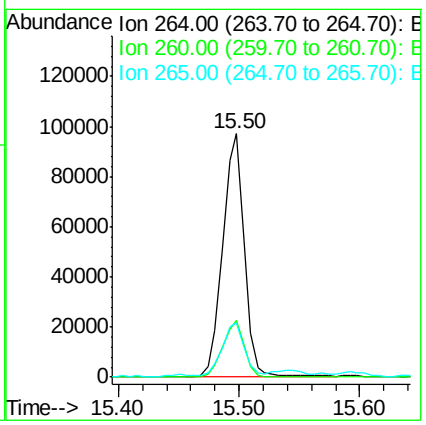


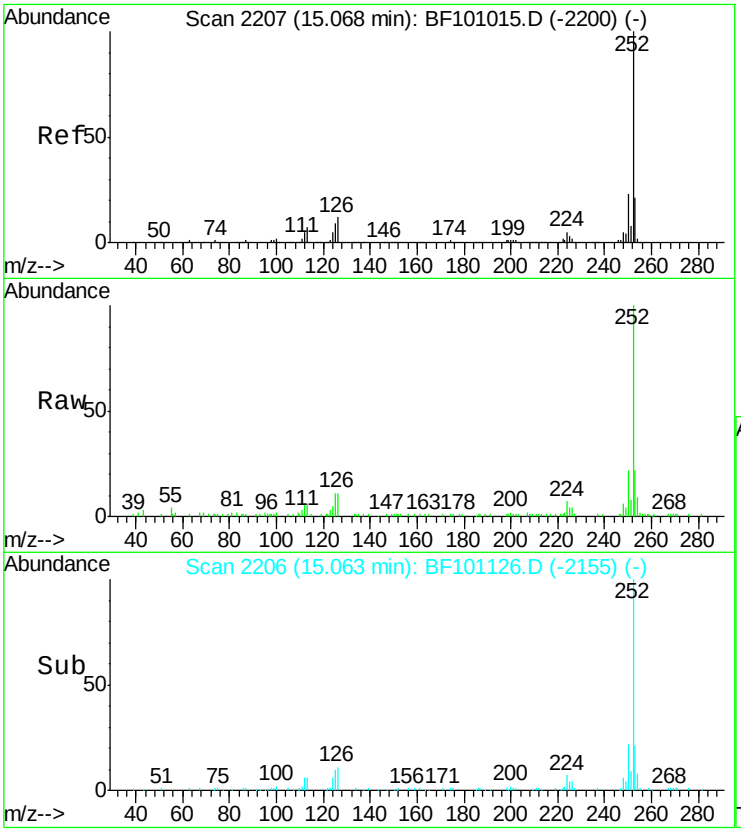


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Tgt Ion:264 Resp: 121213

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.3	17.5	26.3



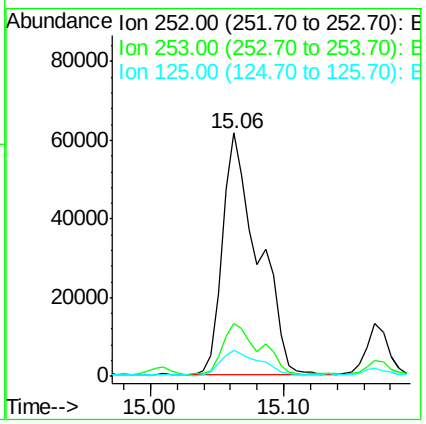


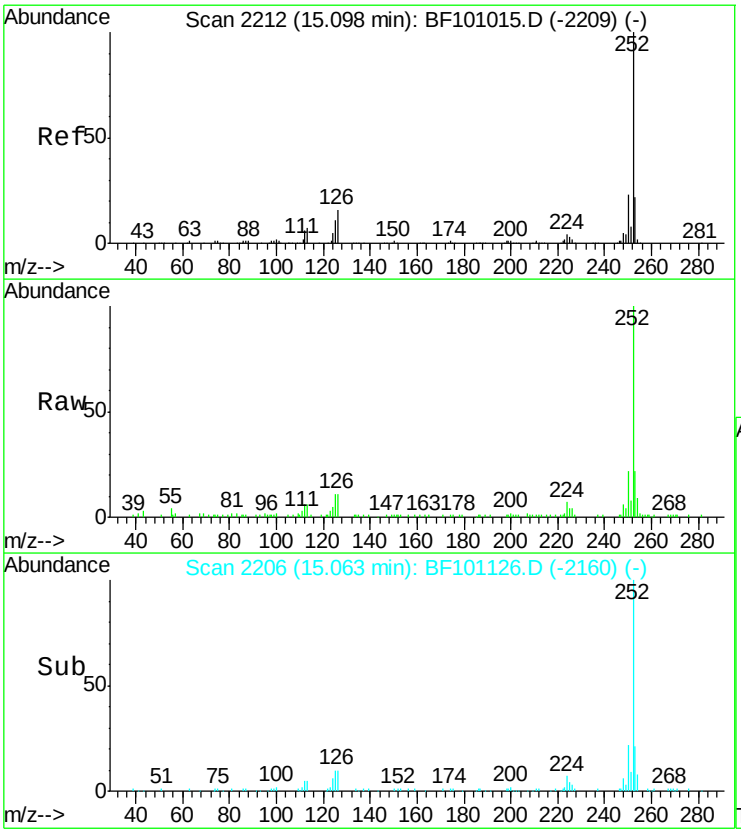
#87
Benzo(b)fluoranthene
Concen: 15.73 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 114237

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	10.9	9.0	13.6

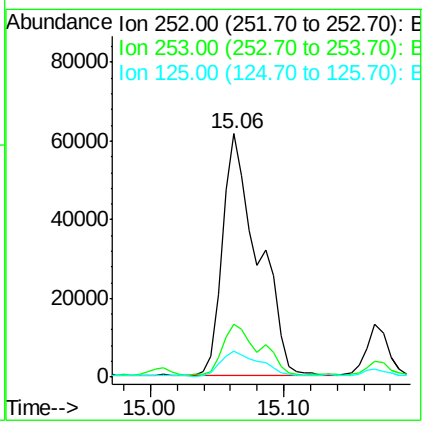


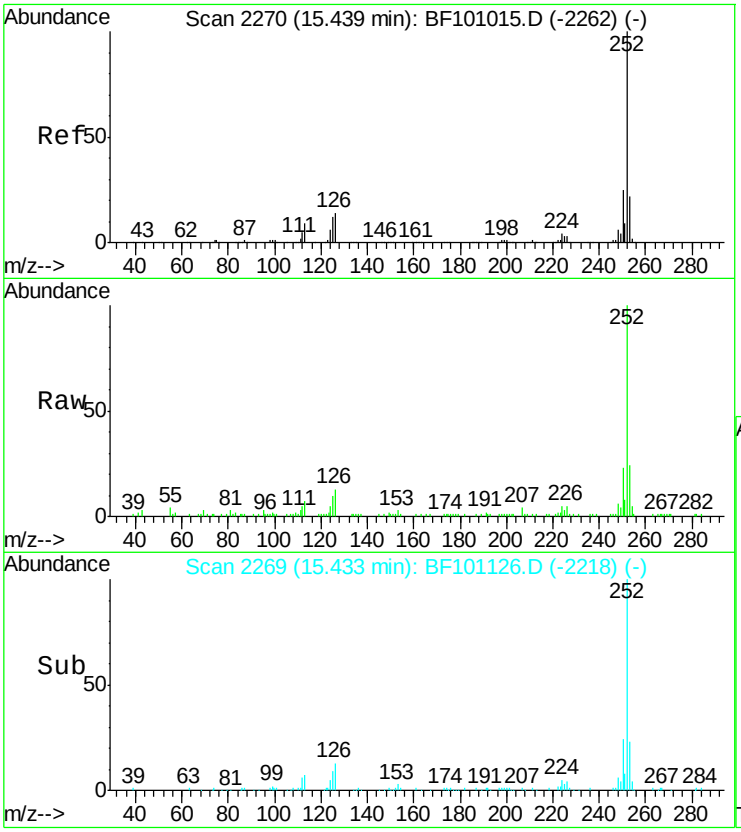


#88
Benzo(k)fluoranthene
Concen: 15.97 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Tgt Ion:252 Resp: 114237

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	10.9	10.2	15.2



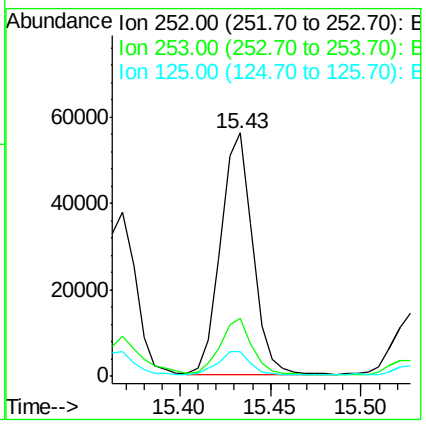


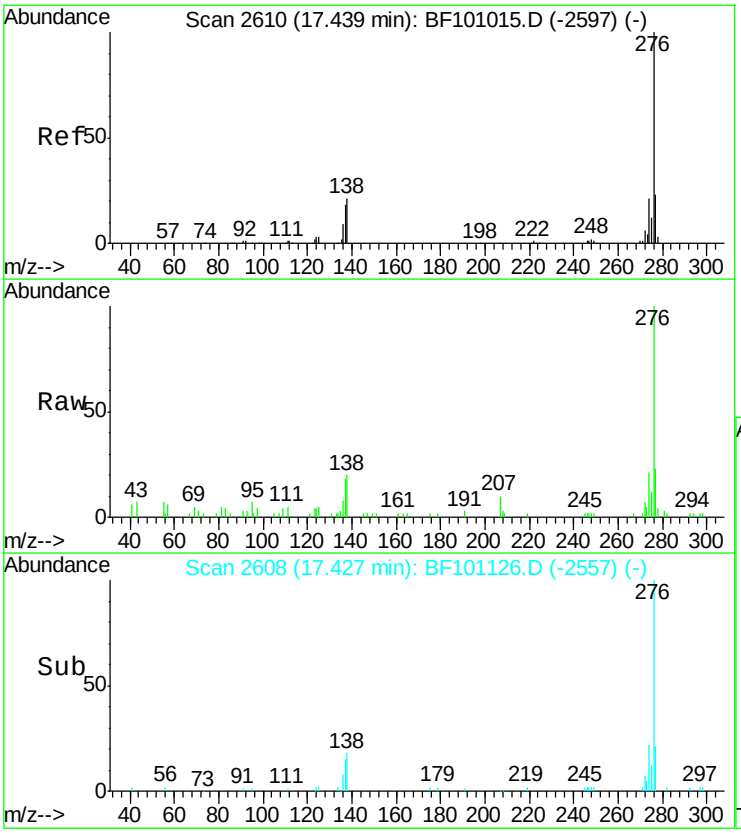
#89
Benzo(a)pyrene
Concen: 10.41 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 68742

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	9.9	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 6.56 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BF101126.D
Acq: 5 Dec 2017 16:05

Tgt Ion:276 Resp: 35978

Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	19.9	21.8	32.8#