Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
Data File : BF101664.D
Acq On : 22 Dec 2017 20:09
Operator : SJ/JU
Sample : I7022-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 352

Quant Time: Dec 22 22:35:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	166382	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	649650	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	267635	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	446848	20.00	ng		0.00
75) Chrysene-d12	13.96	240	332376	20.00	ng		0.00
86) Perylene-d12	15.43	264	317828	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	95236	8.53	ng		0.01
7) Phenol-d6	6.44	99	127895	9.20	ng		0.00
23) Nitrobenzene-d5	7.36	82	74046	6.34	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	20682	8.02	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	130357	7.56	ng		0.00
78) Terphenyl-d14	12.89	244	92675	6.72	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.36	82	74046	3.163	ng	#	64
50) 2,6-Dinitrotoluene	9.82	165	34240	7.826	ng	#	25
56) 2,4-Dinitrotoluene	9.82	165	34240	6.946	ng	#	23
70) Phenanthrene	11.34	178	50564	2.035	ng		98
74) Fluoranthene	12.53	202	105259	4.035	ng		98
77) Pyrene	12.76	202	114223	4.579	ng		97
80) Benzo(a)anthracene	13.95	228	57857	2.636	ng		97
82) Chrysene	13.99	228	56008	2.703	ng		98
87) Benzo(b)fluoranthene	15.00	252	79396	4.098	ng	#	93
88) Benzo(k)fluoranthene	15.00	252	79396	4.215	ng	#	96
89) Benzo(a)pyrene	15.37	252	48770	2.731	ng	#	96

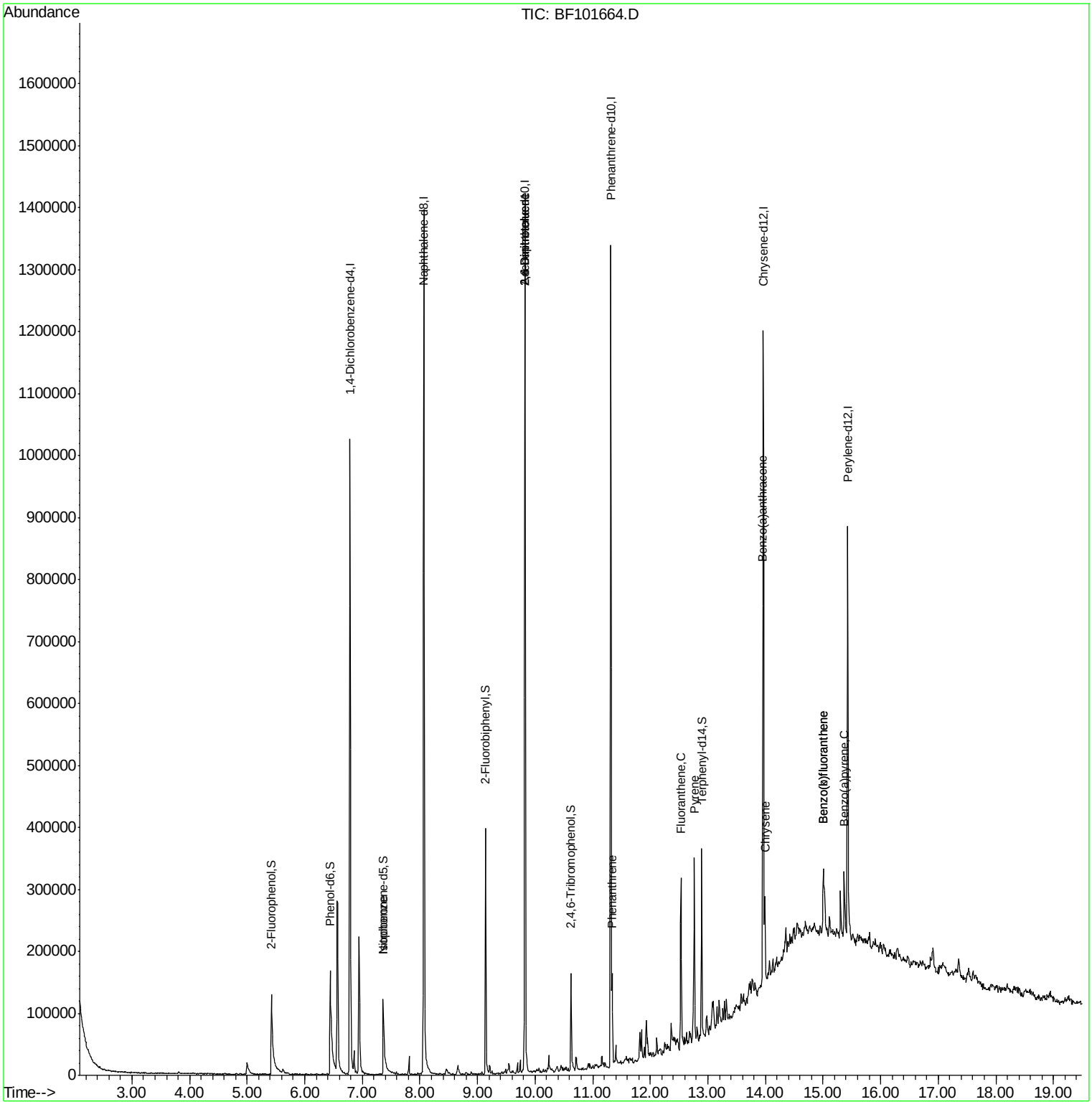
(#) = qualifier out of range (m) = manual integration (+) = signals summed

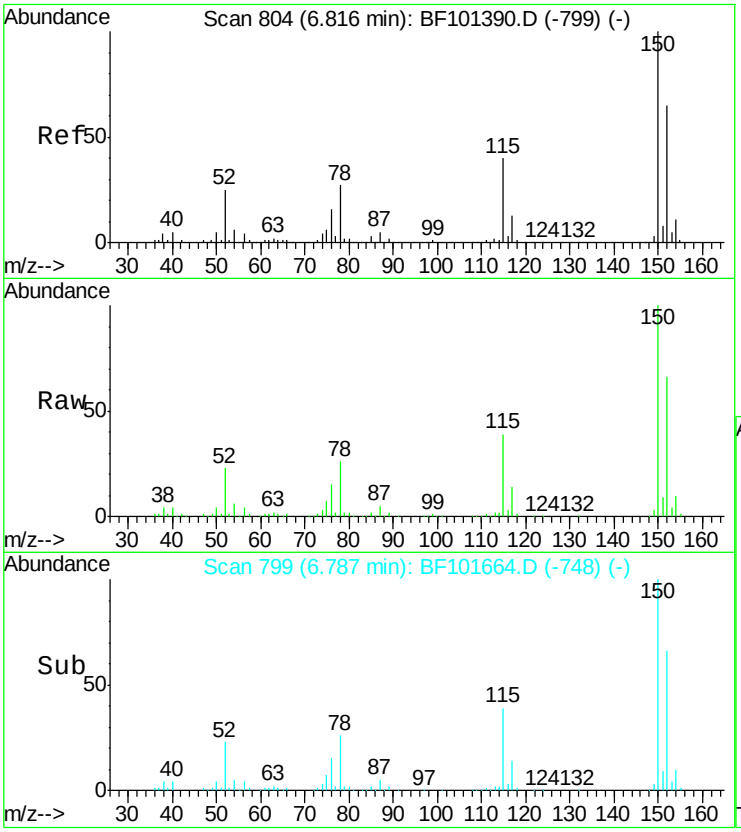
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
Data File : BF101664.D
Acq On : 22 Dec 2017 20:09
Operator : SJ/JU
Sample : I7022-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 352

Quant Time: Dec 22 22:35:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration



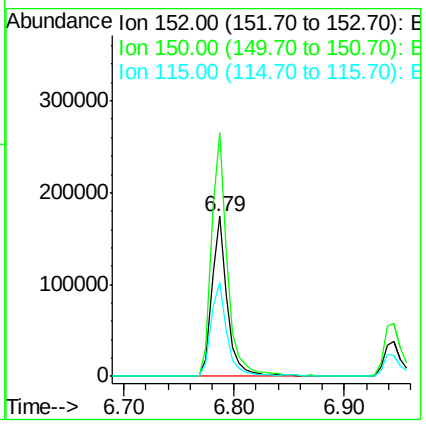


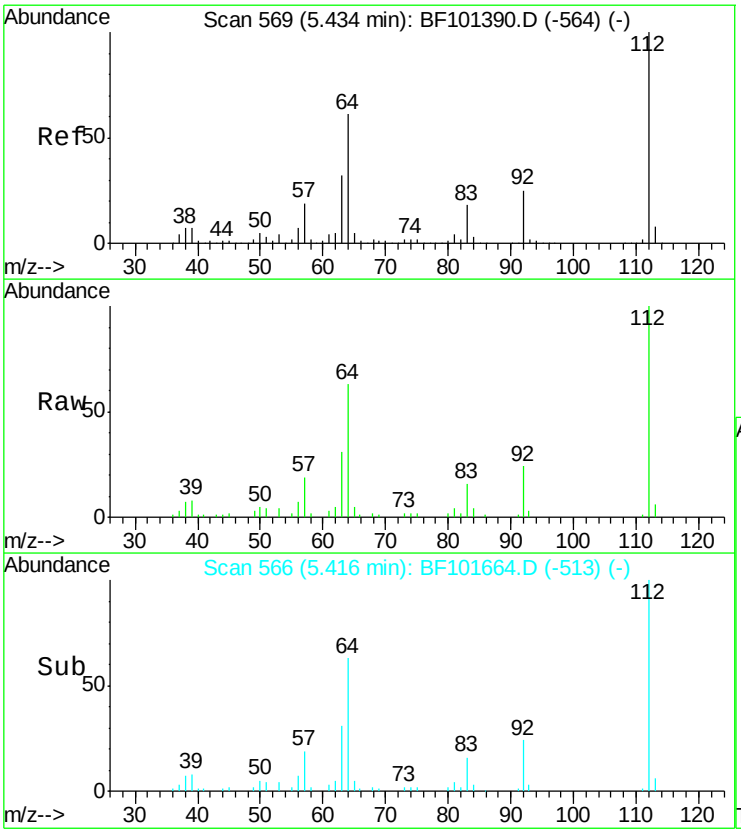
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
352

Tgt Ion:152 Resp: 166382

Ion	Ratio	Lower	Upper
152	100		
150	152.3	124.6	186.8
115	58.6	50.1	75.1

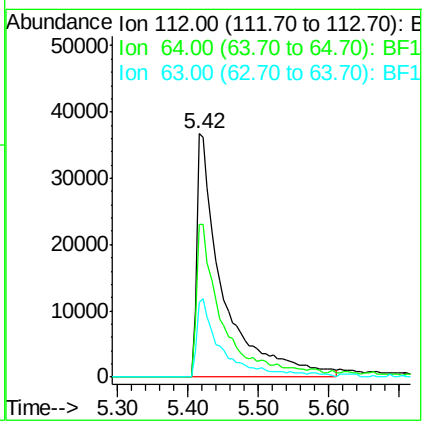


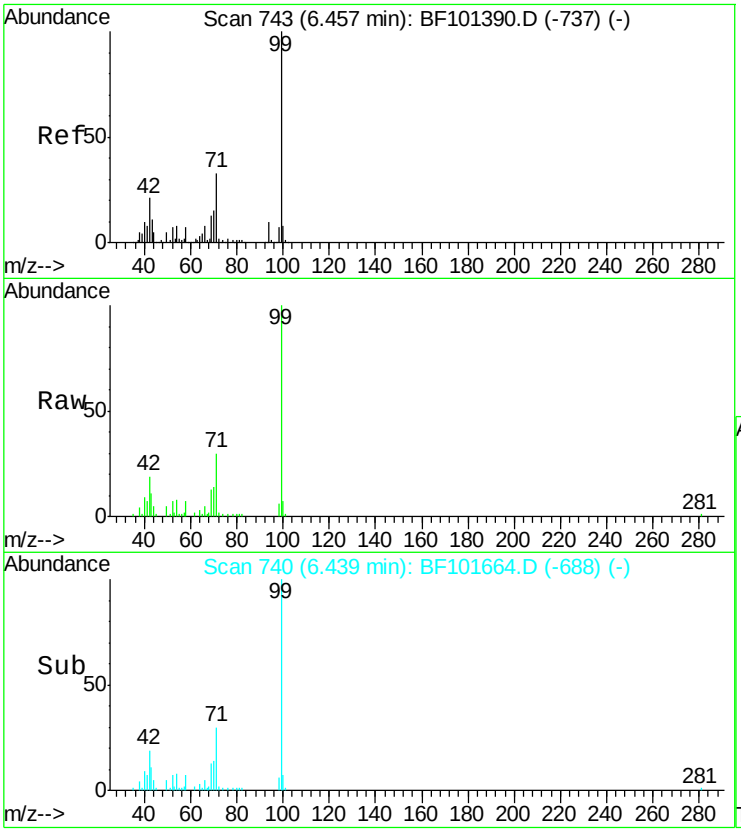


#5
2-Fluorophenol
Concen: 8.526 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Tgt Ion:112 Resp: 95236

Ion	Ratio	Lower	Upper
112	100		
64	62.7	47.9	71.9
63	30.6	23.7	35.5



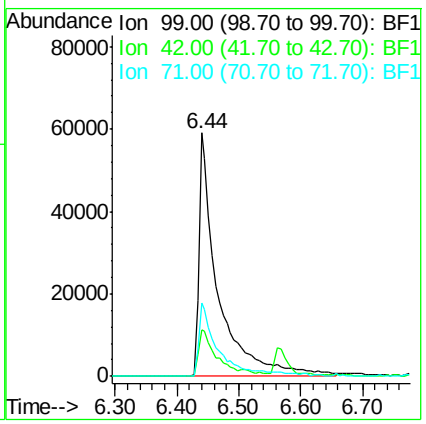


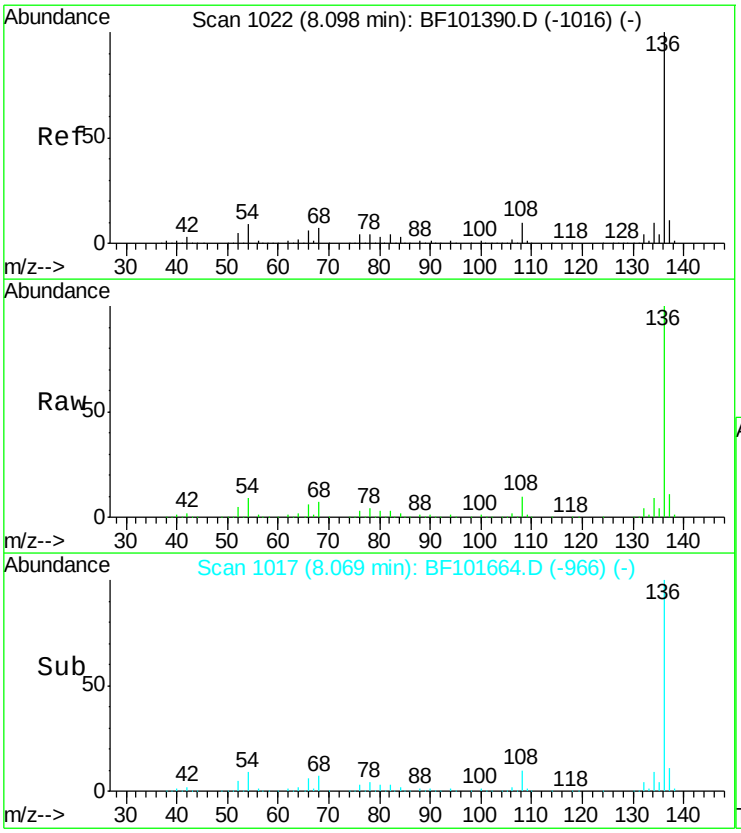
#7
Phenol-d6
Concen: 9.200 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
352

Tgt Ion: 99 Resp: 127895

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	29.9	25.4	38.0

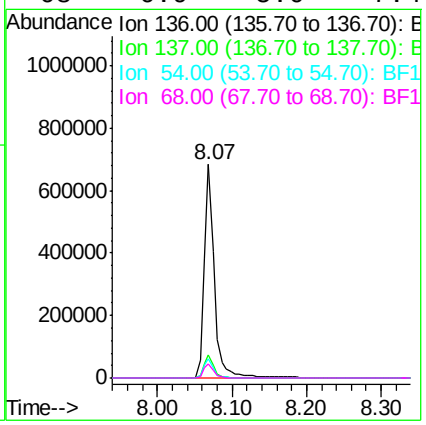


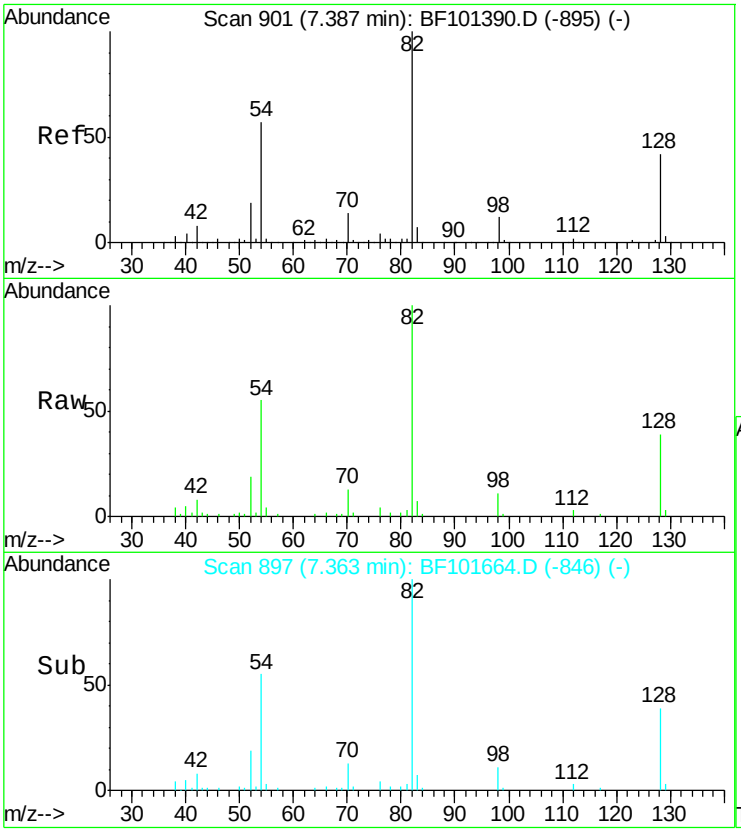


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Tgt Ion:136 Resp: 649650

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.0	6.6	9.8
68	6.9	5.0	7.4



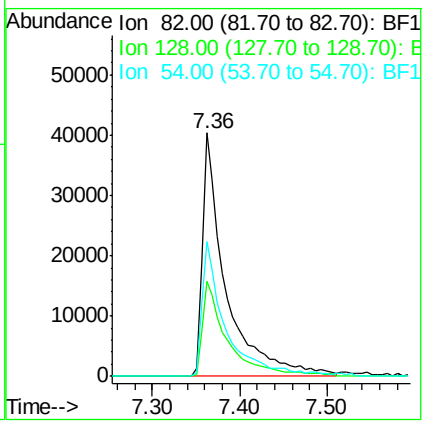


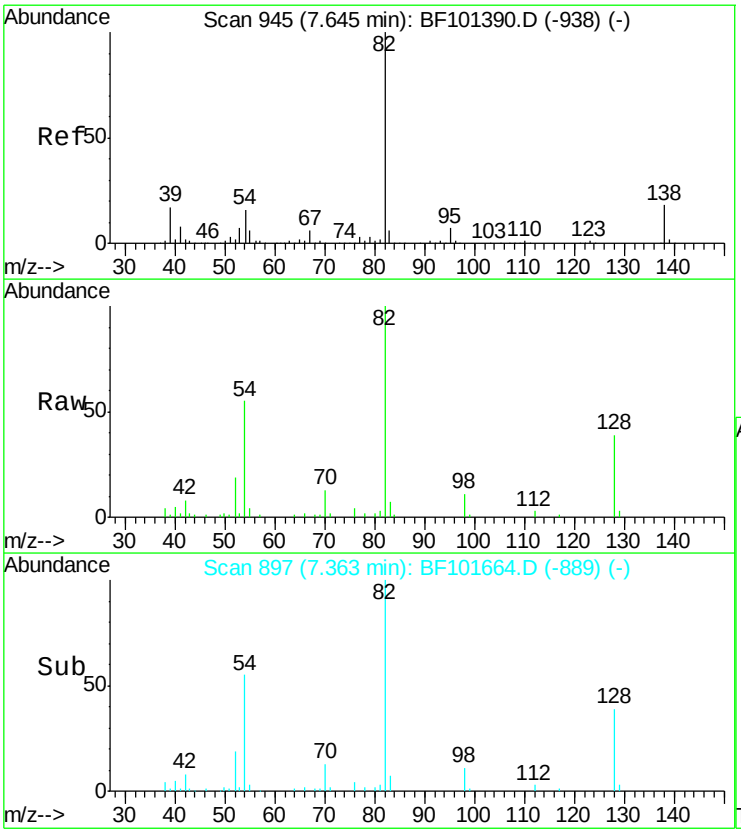
#23
Nitrobenzene-d5
Concen: 6.345 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
352

Tgt Ion: 82 Resp: 74046

Ion	Ratio	Lower	Upper
82	100		
128	39.2	36.1	54.1
54	55.2	41.4	62.2

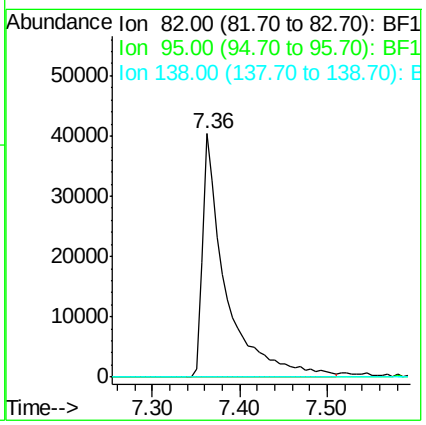


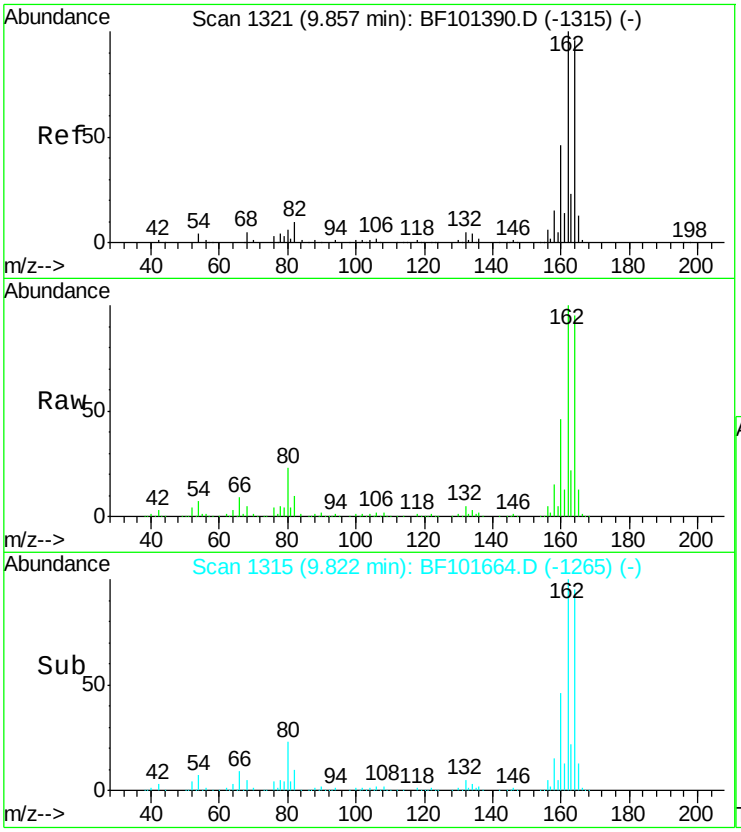


#25
Isophorone
Concen: 3.163 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.25 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Tgt Ion: 82 Resp: 74046

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



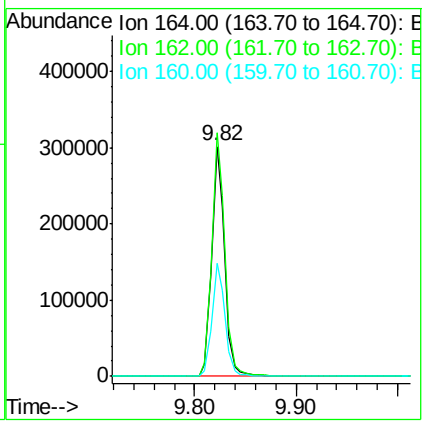


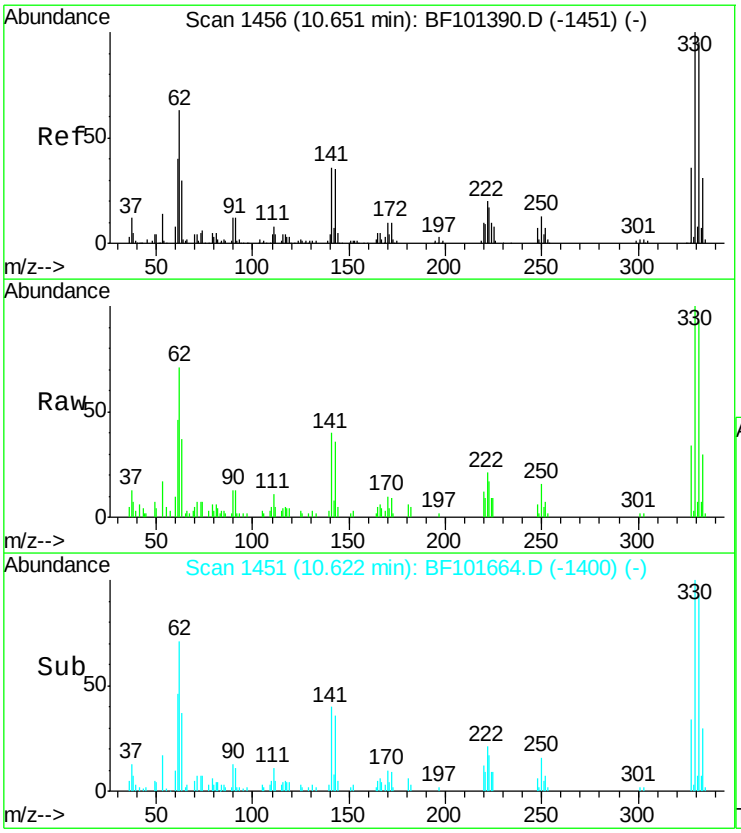
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
352

Tgt Ion:164 Resp: 267635

Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	49.1	38.3	57.5

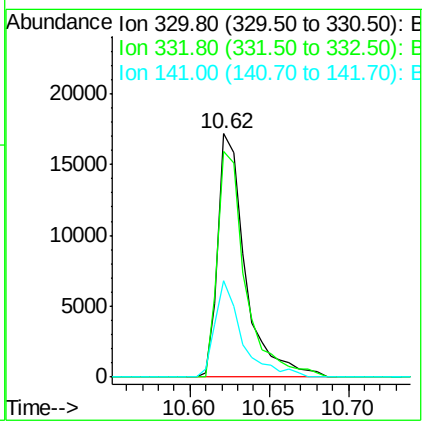


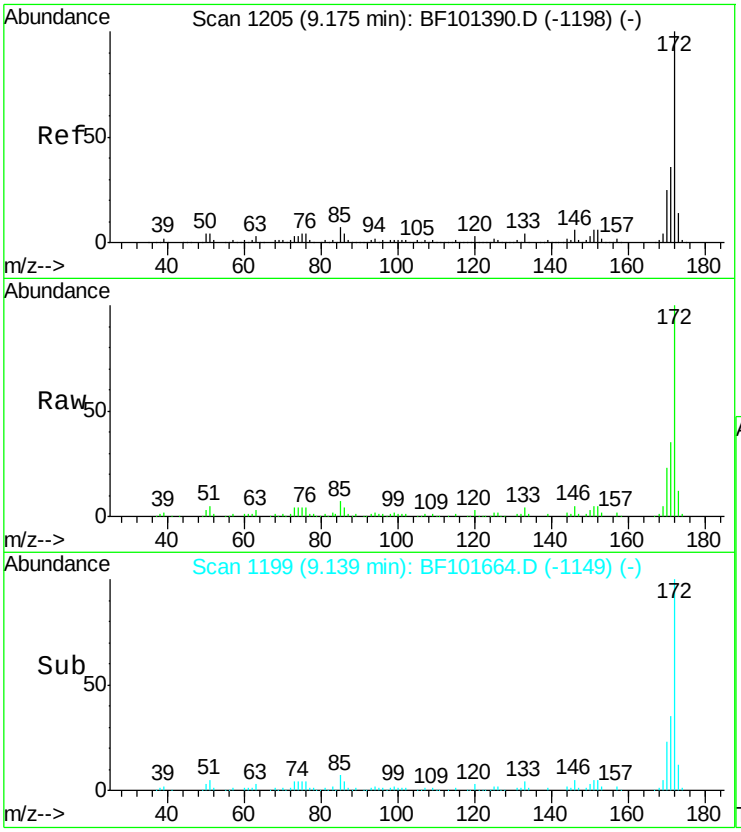


#41
2,4,6-Tribromophenol
Concen: 8.020 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Tgt Ion:330 Resp: 20682

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	38.9	29.9	44.9



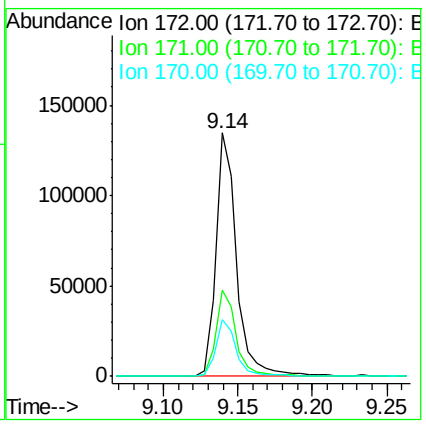


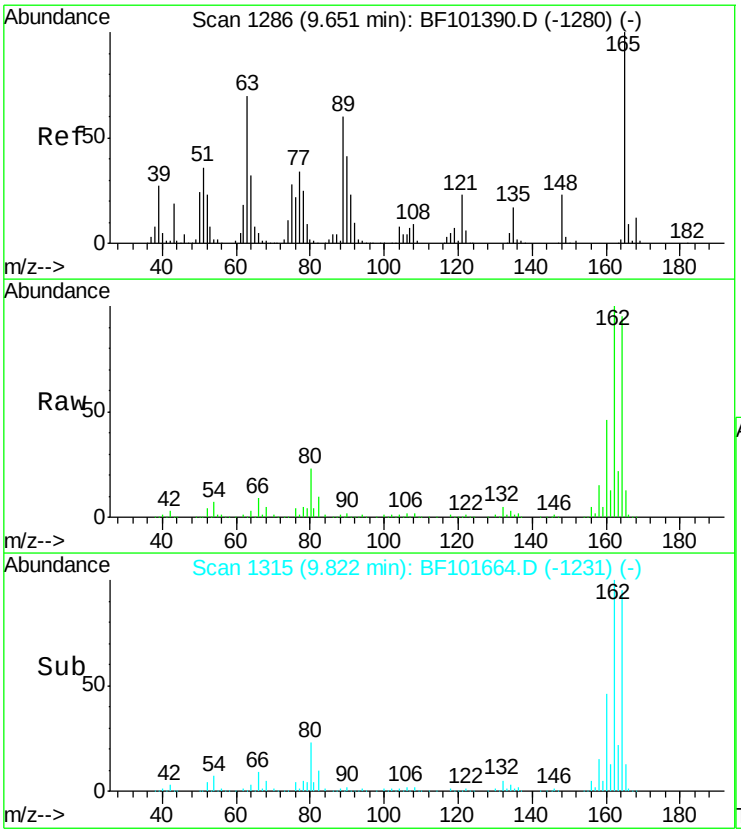
#44
2-Fluorobiphenyl
Concen: 7.556 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
352

Tgt Ion:172 Resp: 130357

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.3	19.6	29.4

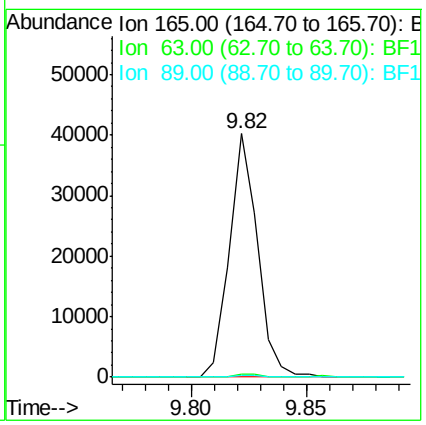


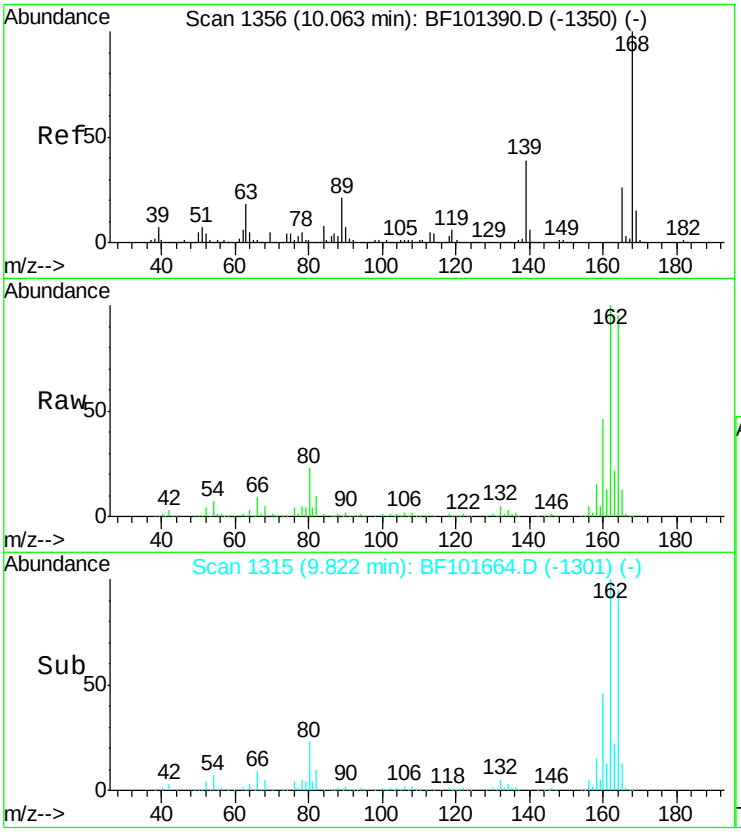


#50
2,6-Dinitrotoluene
Concen: 7.826 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Tgt Ion:165 Resp: 34240

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	0.9	44.0	66.0#



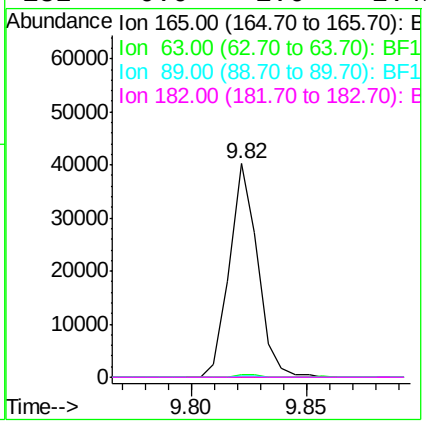


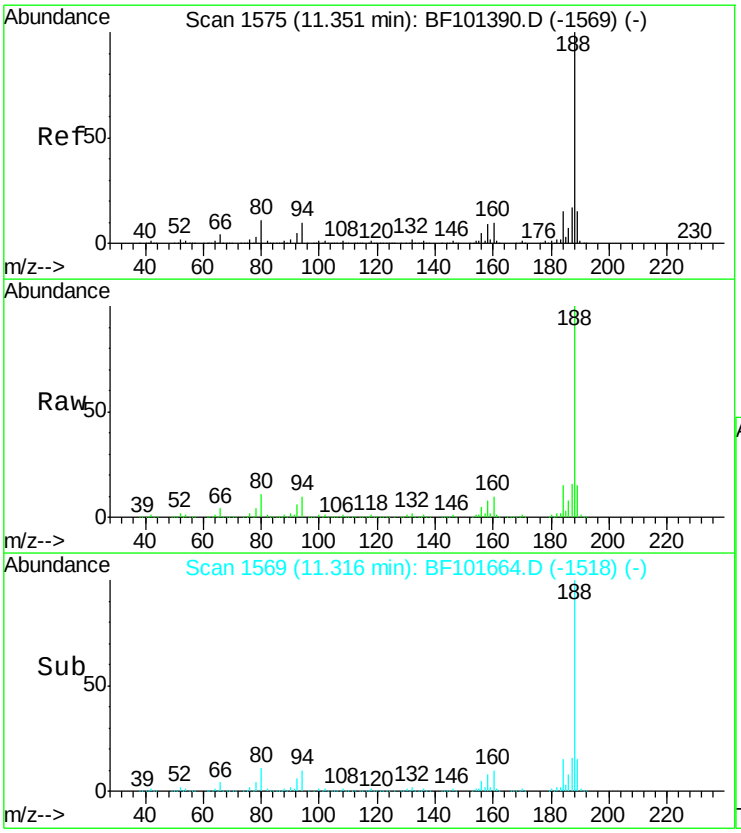
#56
2,4-Dinitrotoluene
Concen: 6.946 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
352

Tgt Ion:165 Resp: 34240

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	0.9	57.8	86.6#
182	0.0	1.6	2.4#

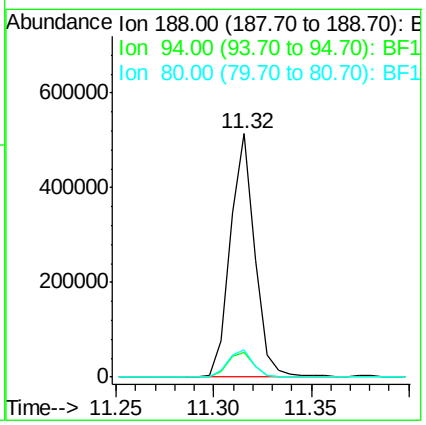


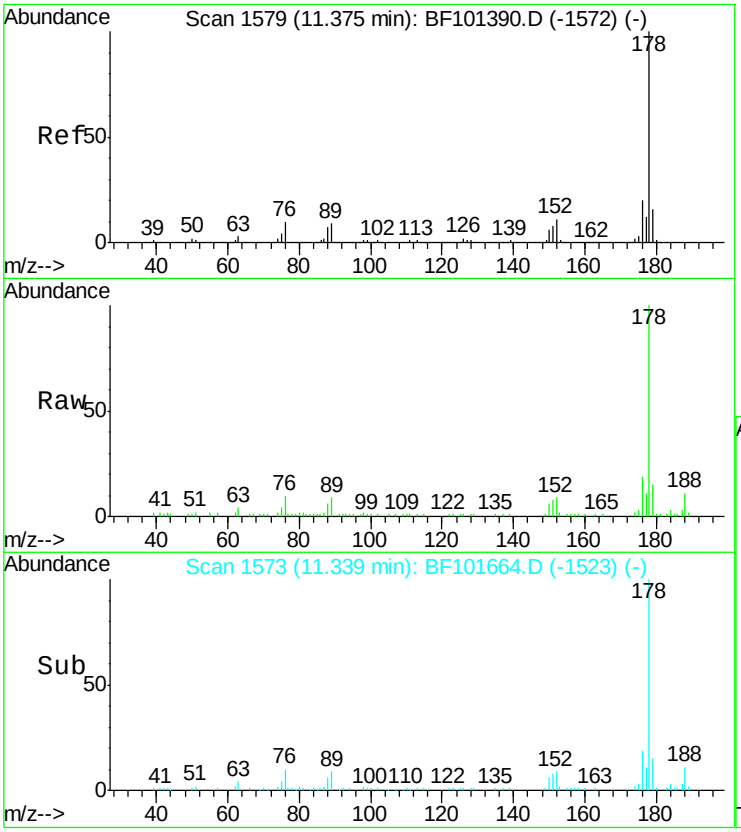


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Tgt Ion:188 Resp: 446848

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.4	9.2	13.8



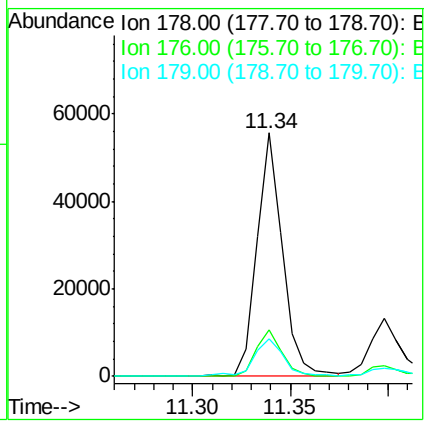


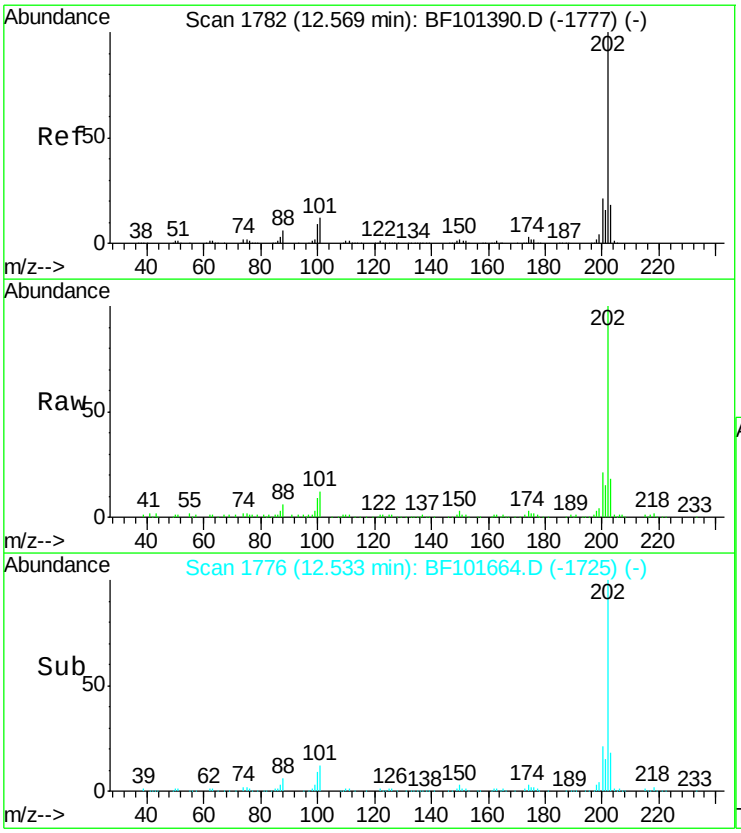
#70
Phenanthrene
Concen: 2.035 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
352

Tgt Ion:178 Resp: 50564

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.2	13.0	19.6

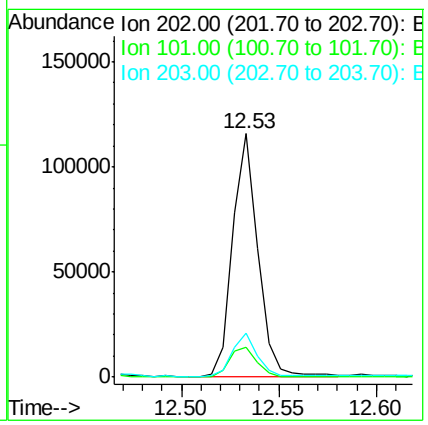


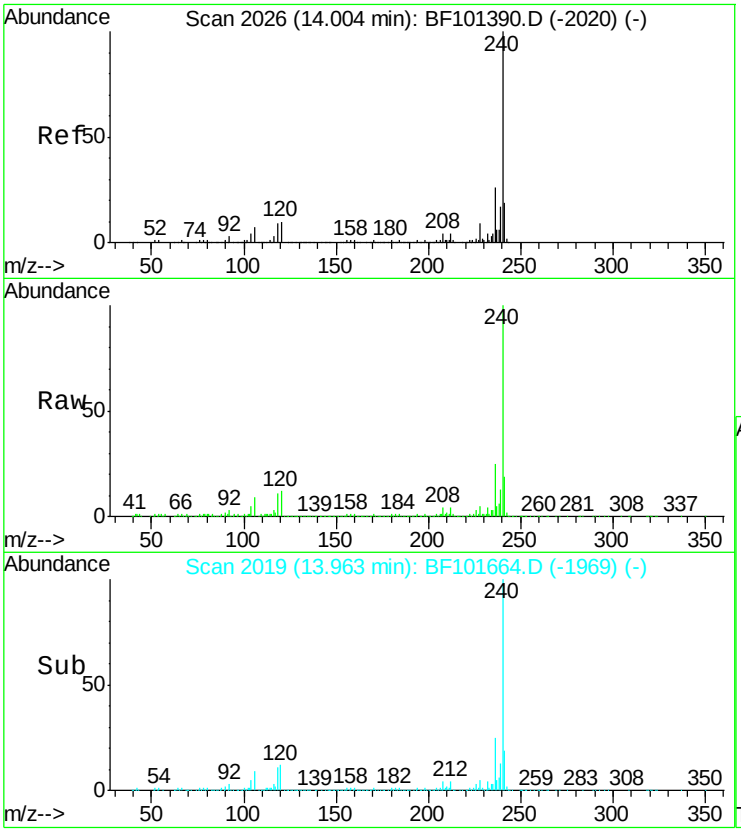


#74
Fluoranthene
Concen: 4.035 ng
RT: 12.53 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Tgt Ion:202 Resp: 105259

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.1
203	18.0	0.0	38.1



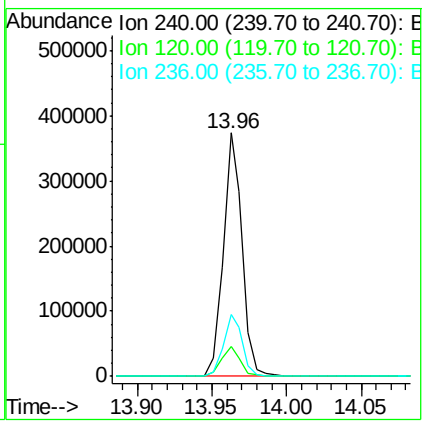


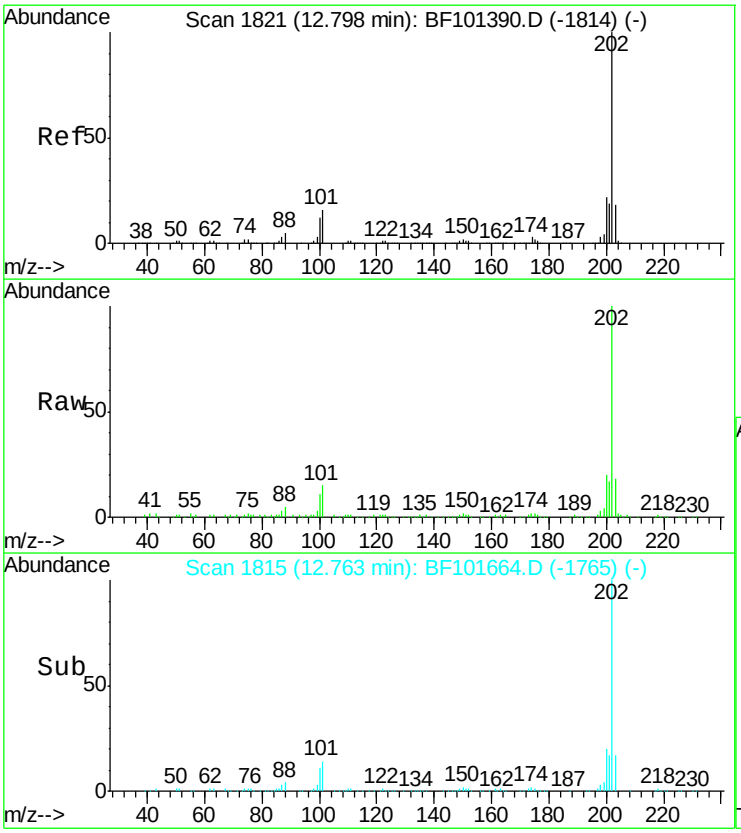
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
352

Tgt Ion:240 Resp: 332376

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	25.3	20.7	31.1

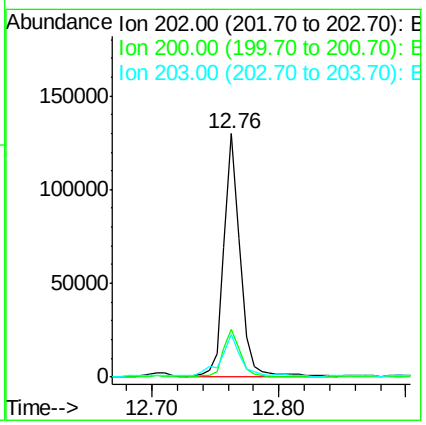


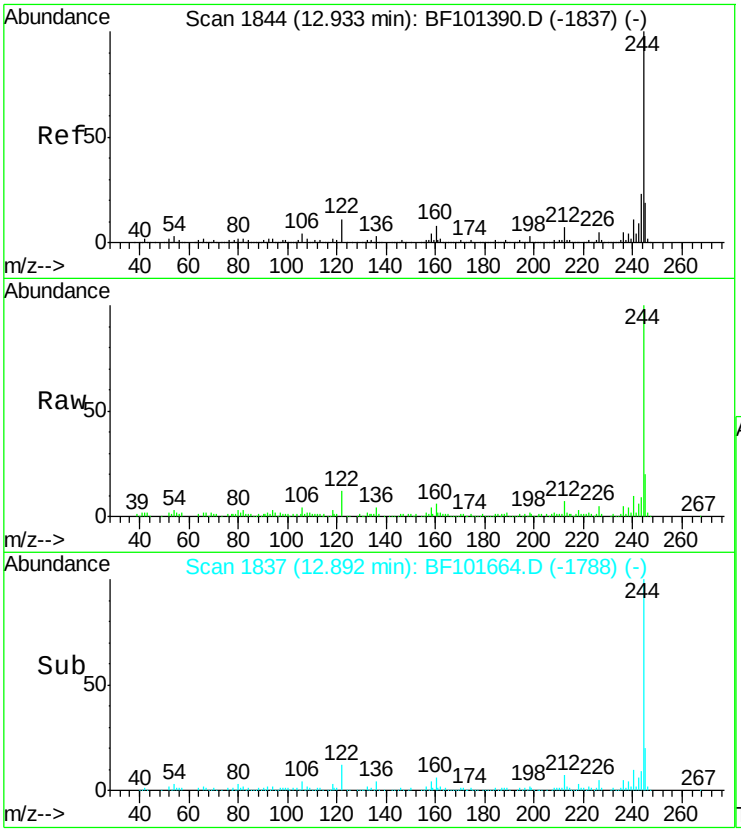


#77
Pyrene
Concen: 4.579 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Tgt Ion:202 Resp: 114223

Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.4	26.2
203	17.6	14.3	21.5



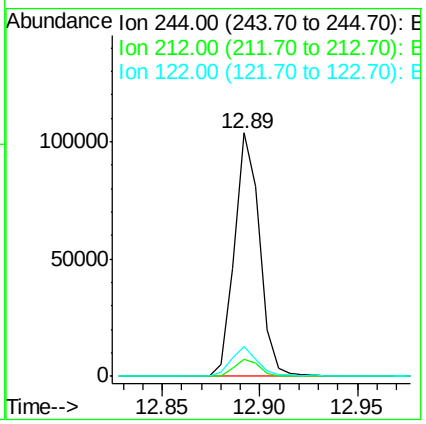


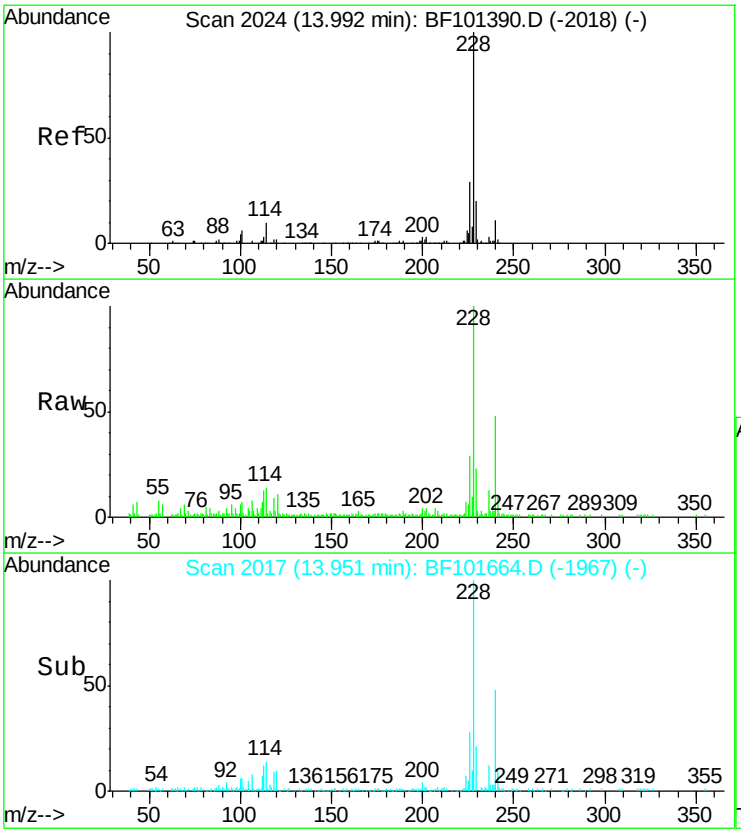
#78
Terphenyl-d14
Concen: 6.722 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
352

Tgt Ion:244 Resp: 92675

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.3	11.0	16.4

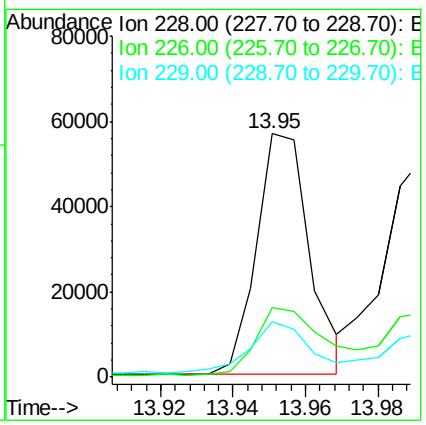


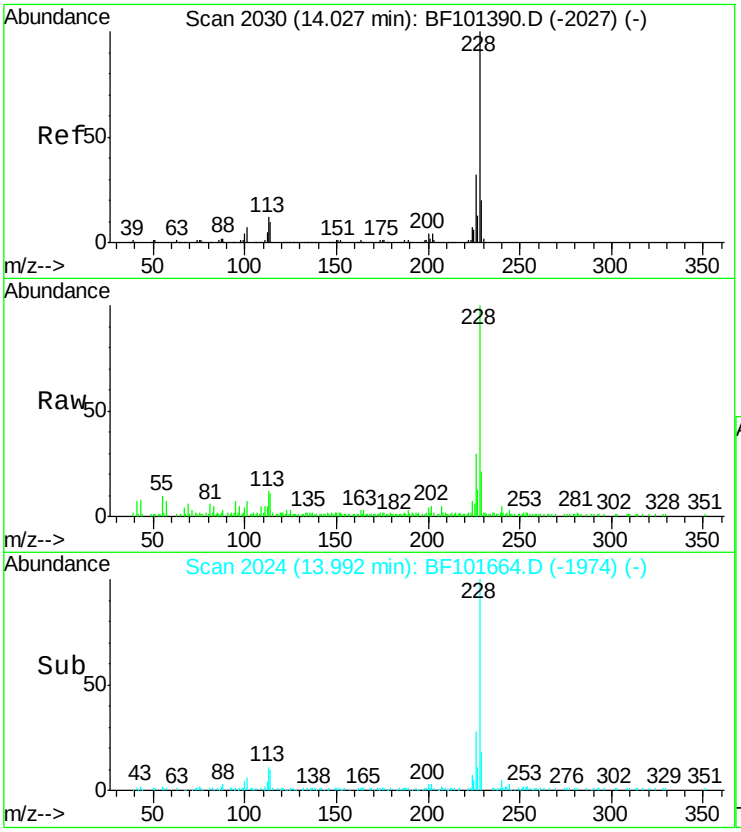


#80
Benzo(a)anthracene
Concen: 2.636 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Tgt Ion:228 Resp: 57857

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	22.6	15.8	23.6



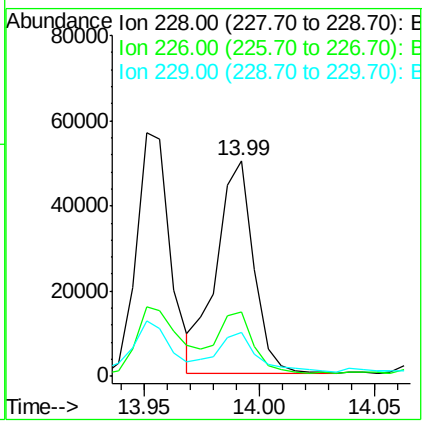


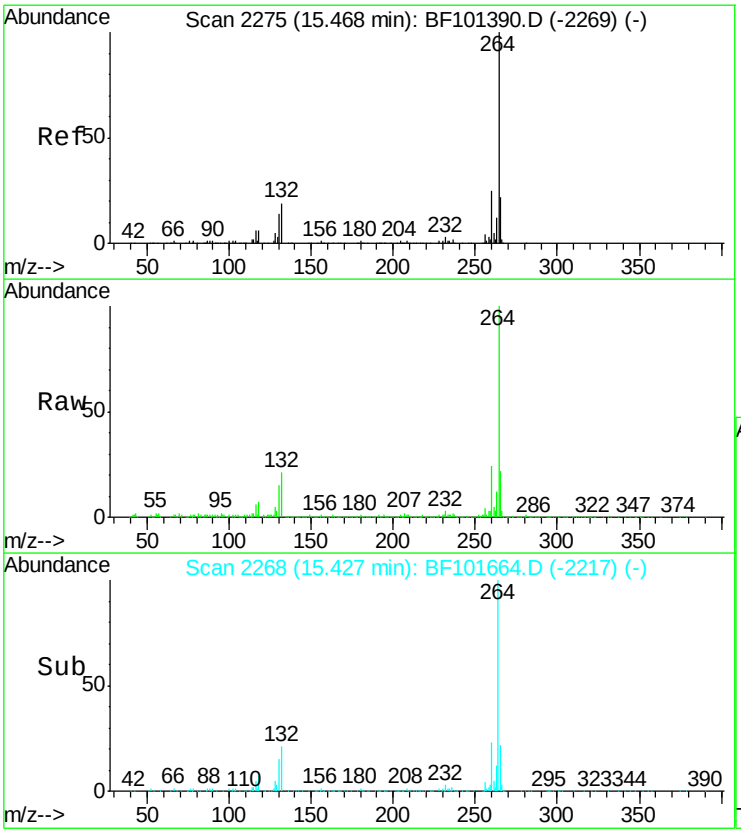
#82
Chrysene
Concen: 2.703 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
352

Tgt Ion:228 Resp: 56008

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	20.6	16.2	24.4

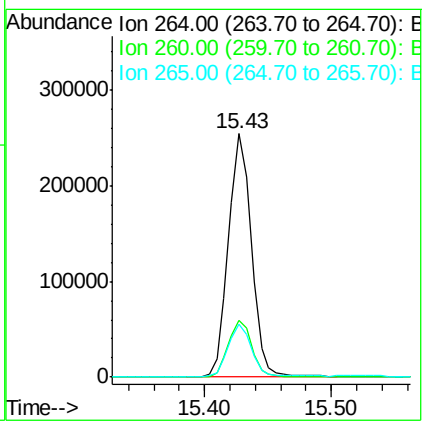


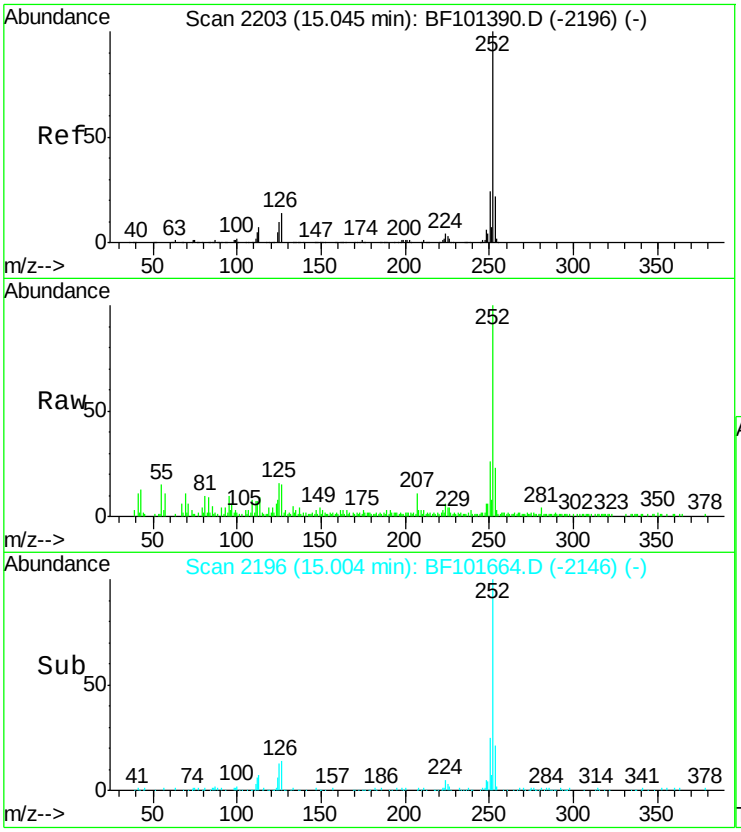


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Tgt Ion:264 Resp: 317828

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.8	17.5	26.3



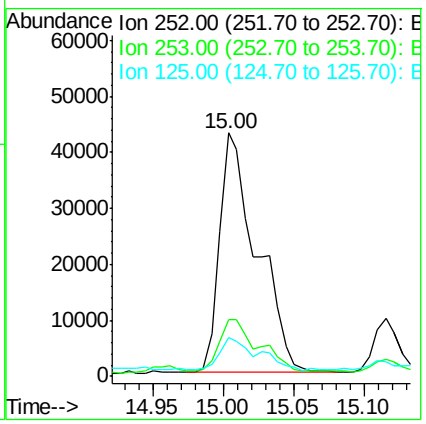


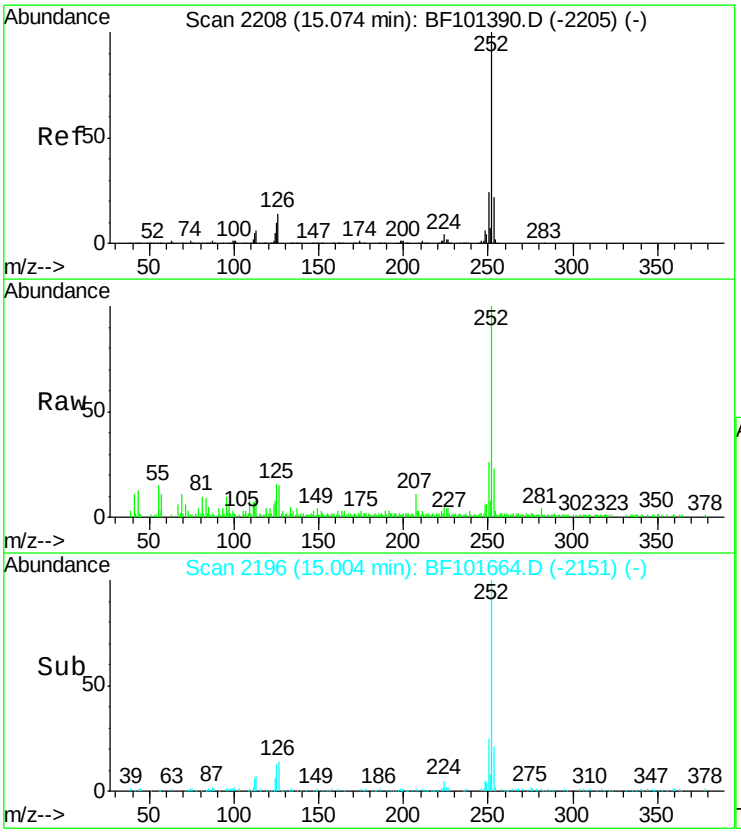
#87
Benzo(b)fluoranthene
Concen: 4.098 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
352

Tgt Ion:252 Resp: 79396

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	15.9	9.0	13.6#

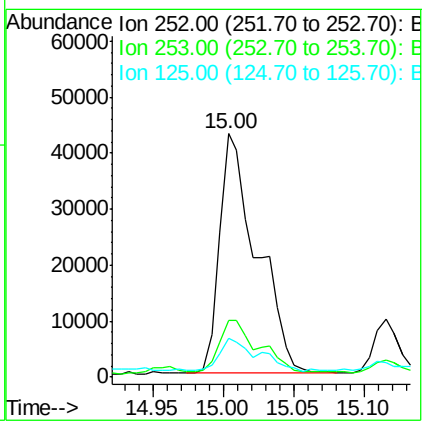


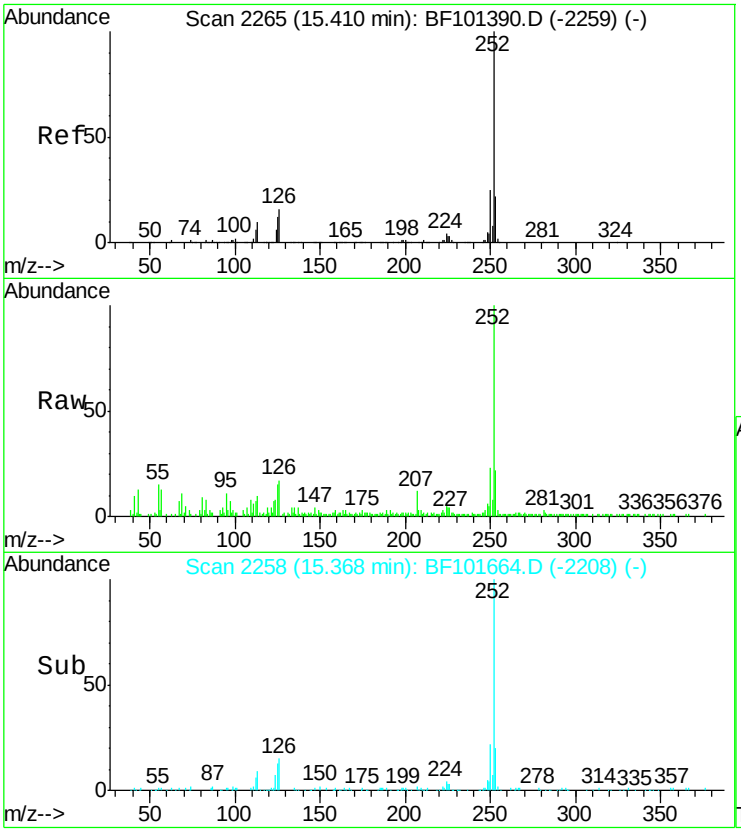


#88
Benzo(k)fluoranthene
Concen: 4.215 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Tgt Ion:252 Resp: 79396

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	15.9	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.731 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF101664.D
Acq: 22 Dec 2017 20:09

Instrument :
BNA_F
ClientSampleId :
352

Tgt Ion:252 Resp: 48770

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	15.3	9.8	14.6#