Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100994.D
Acq On : 29 Nov 2017 22:32
Operator : SJ/JU
Sample : I6610-03 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 29 23:45:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	63680	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	236270	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	93313	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	156584	20.00	ng		0.00
75) Chrysene-d12	14.02	240	141811	20.00	ng		0.00
86) Perylene-d12	15.50	264	107916	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	35535	8.95	ng		-0.01
7) Phenol-d6	6.48	99	43264	8.83	ng		-0.01
23) Nitrobenzene-d5	7.41	82	22875	6.40	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	8142	8.56	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	52108	8.50	ng		-0.01
78) Terphenyl-d14	12.96	244	40940	6.63	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.41	82	22875	3.046	ng	#	64
32) Benzoic acid	7.85	122	121	9.408	ng	#	1
50) 2,6-Dinitrotoluene	9.89	165	11892	8.432	ng	#	25
56) 2,4-Dinitrotoluene	9.89	165	11892	6.684	ng	#	23
70) Phenanthrene	11.40	178	17438	2.115	ng		98
71) Anthracene	11.40	178	17438	2.085	ng		98
74) Fluoranthene	12.59	202	34522	3.951	ng		96
77) Pyrene	12.82	202	32129	3.178	ng		98
79) Butylbenzylphthalate	13.43	149	12050	2.923	ng		86
82) Chrysene	14.01	228	16771	2.028	ng		99
87) Benzo(b)fluoranthene	15.06	252	21448	3.355	ng	#	90
88) Benzo(k)fluoranthene	15.06	252	21448	3.550	ng	#	93
89) Benzo(a)pyrene	15.43	252	11491	2.027	ng	#	90

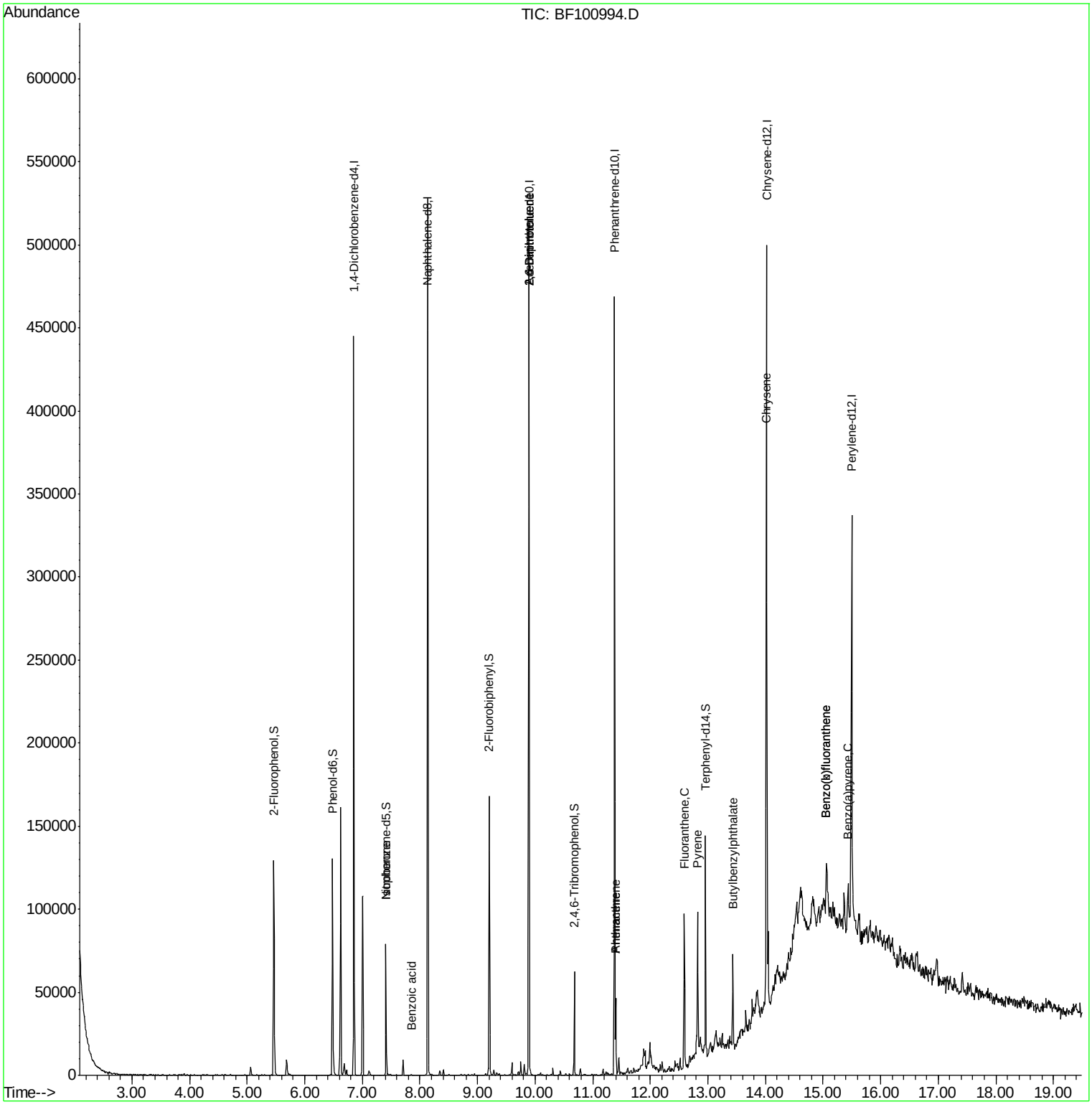
(#) = qualifier out of range (m) = manual integration (+) = signals summed

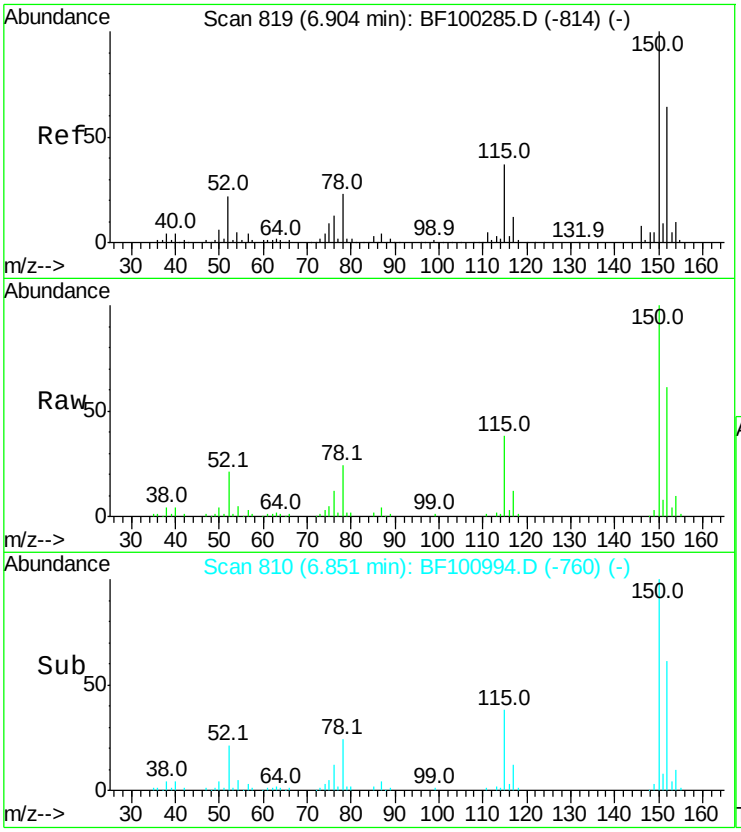
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF100994.D
Acq On : 29 Nov 2017 22:32
Operator : SJ/JU
Sample : I6610-03 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 29 23:45:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration



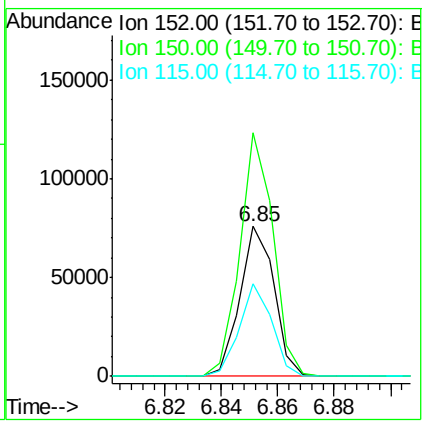


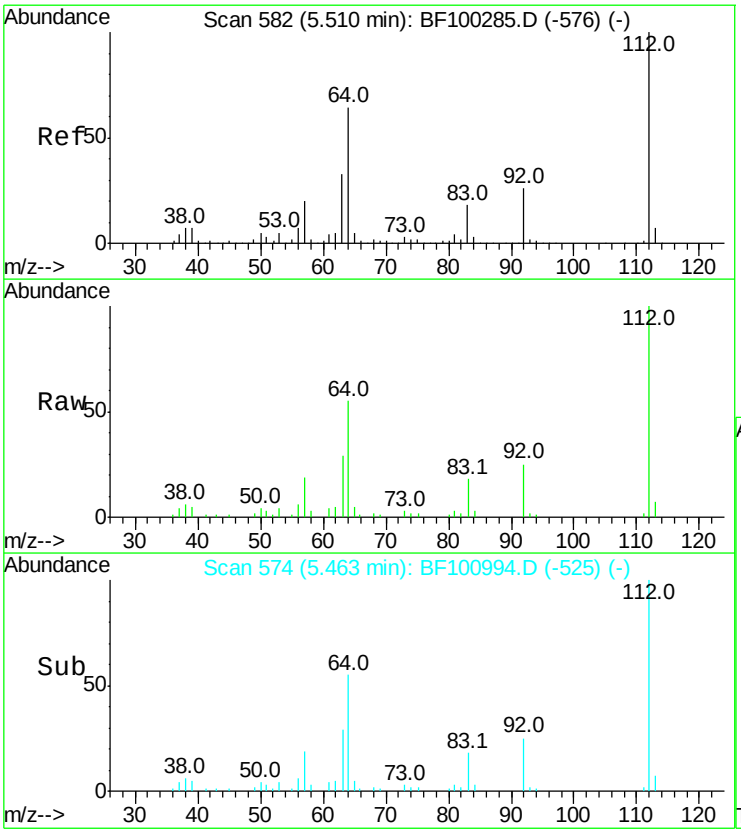
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 63680

Ion	Ratio	Lower	Upper
152	100		
150	162.6	124.6	186.8
115	62.0	50.1	75.1

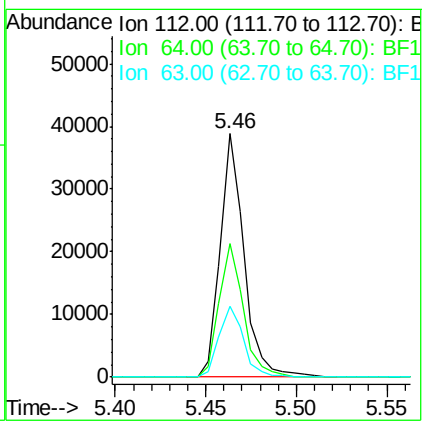


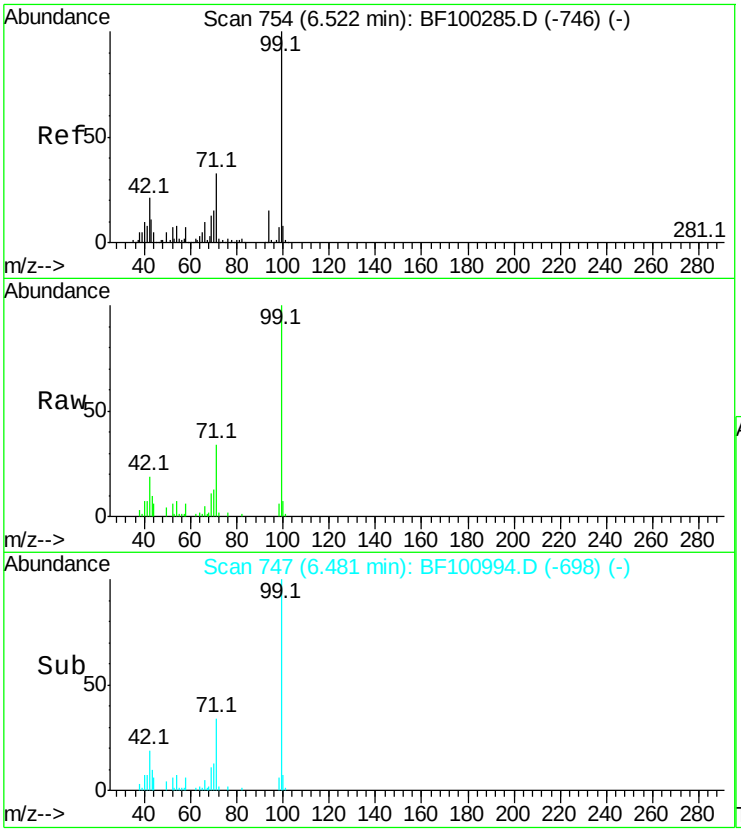


#5
2-Fluorophenol
Concen: 8.945 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Tgt Ion:112 Resp: 35535

Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	29.0	23.7	35.5



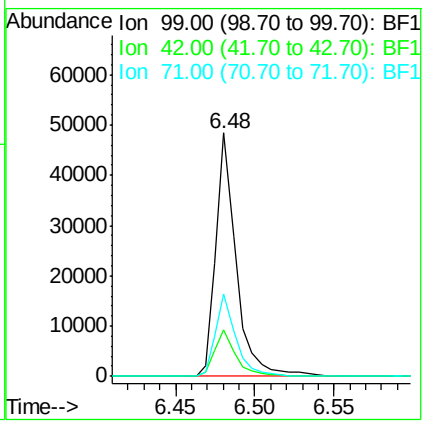


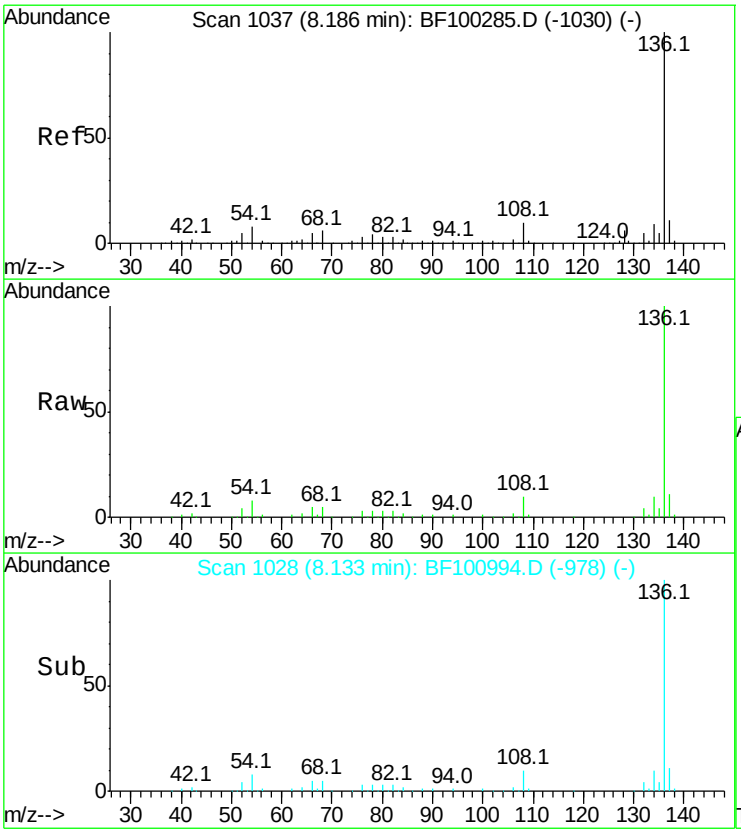
#7
Phenol-d6
Concen: 8.832 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 43264

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.5	21.7
71	33.9	25.4	38.0

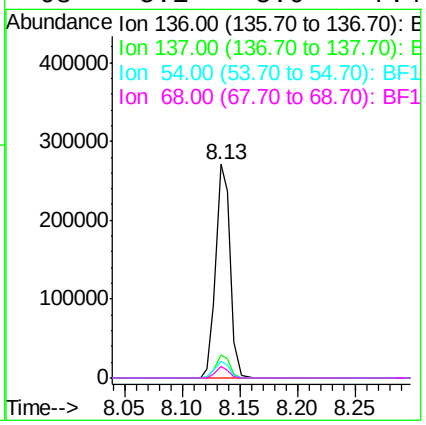


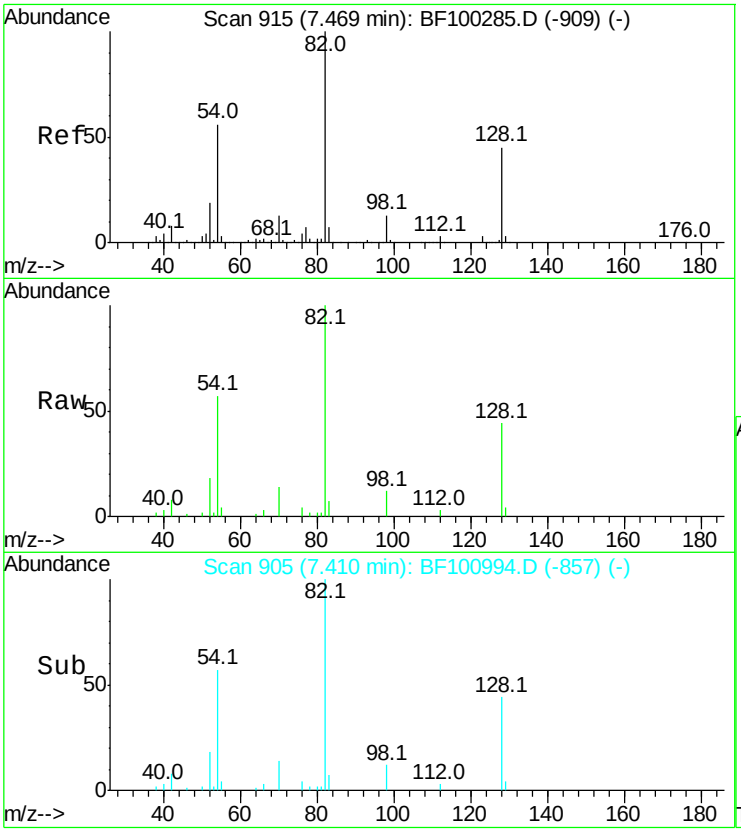


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Tgt Ion:136 Resp: 236270

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.7	6.6	9.8
68	5.1	5.0	7.4



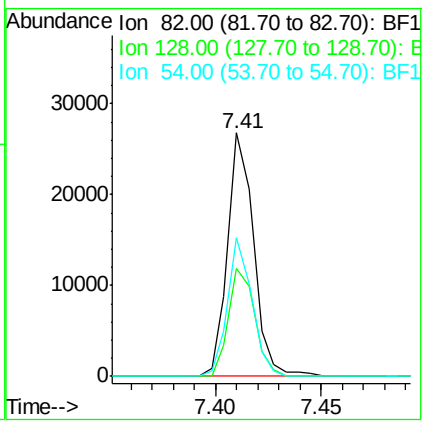


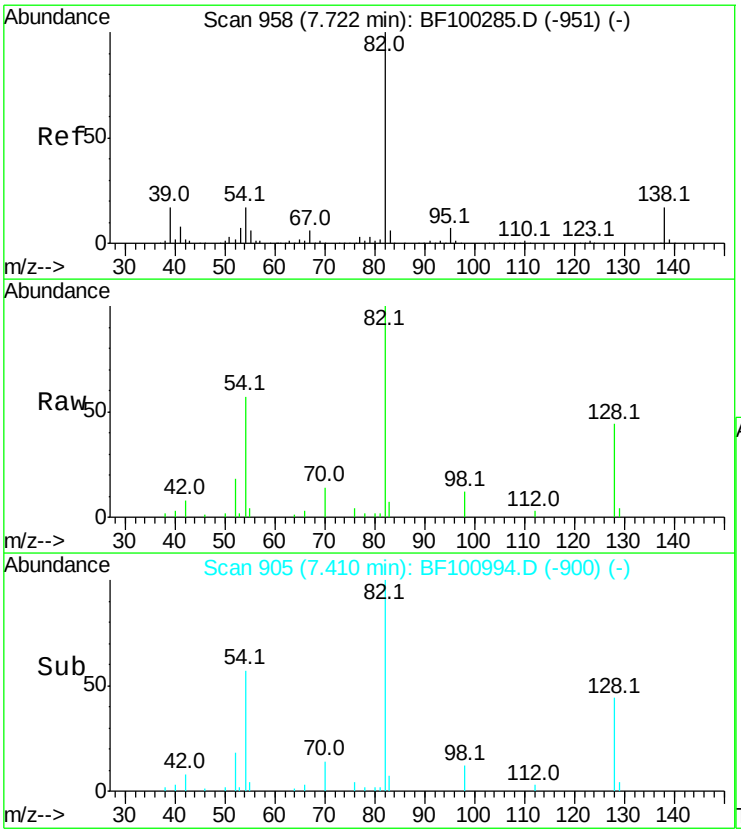
#23
Nitrobenzene-d5
Concen: 6.401 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 22875

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	56.8	41.4	62.2

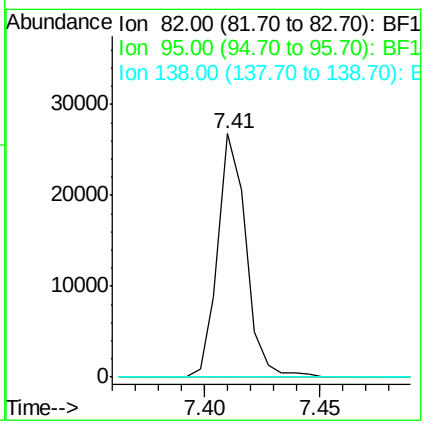


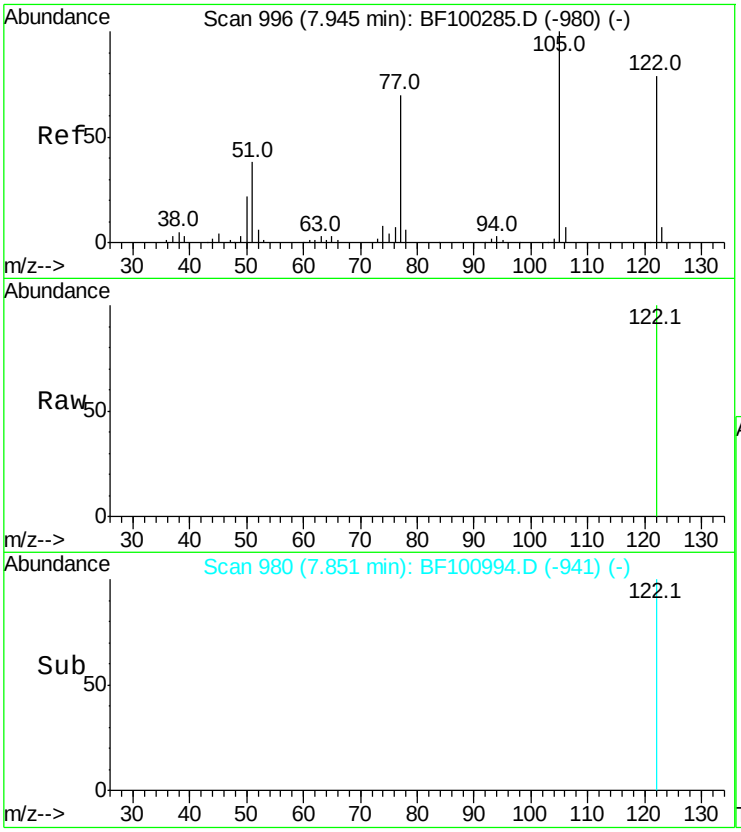


#25
Isophorone
Concen: 3.046 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.27 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Tgt Ion: 82 Resp: 22875

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



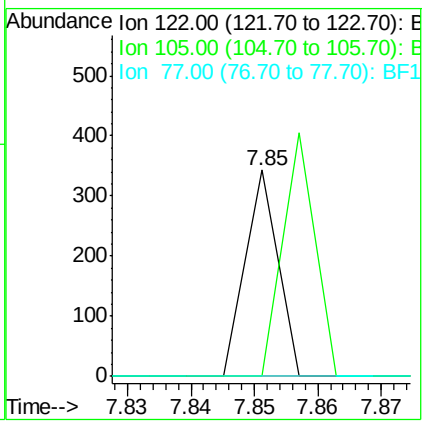


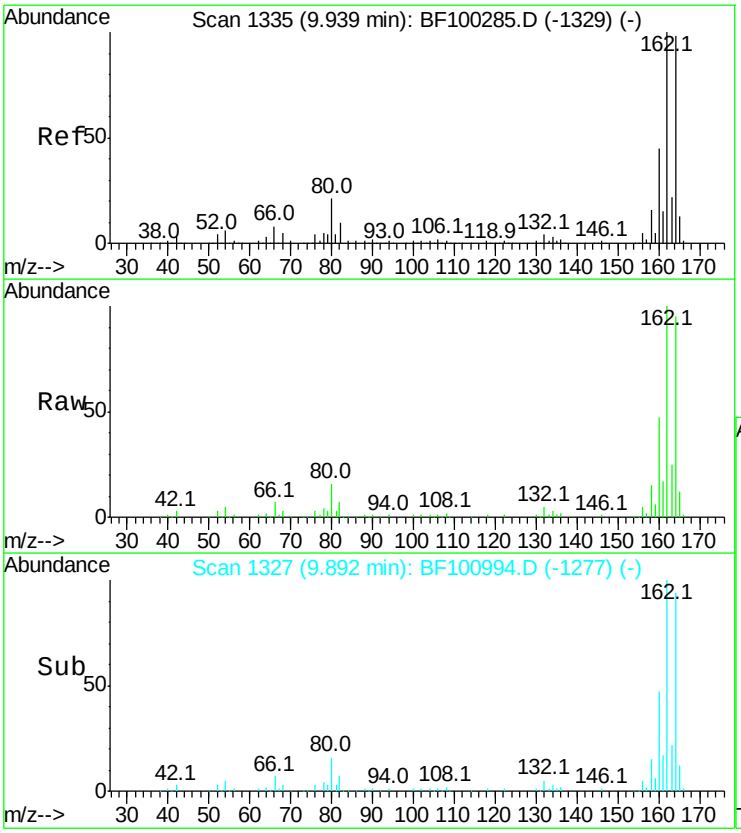
#32
Benzoic acid
Concen: 9.408 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.07 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 121

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#

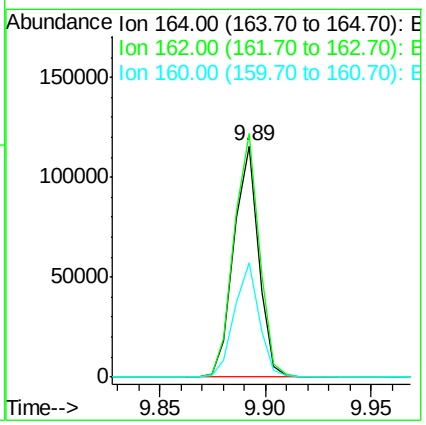


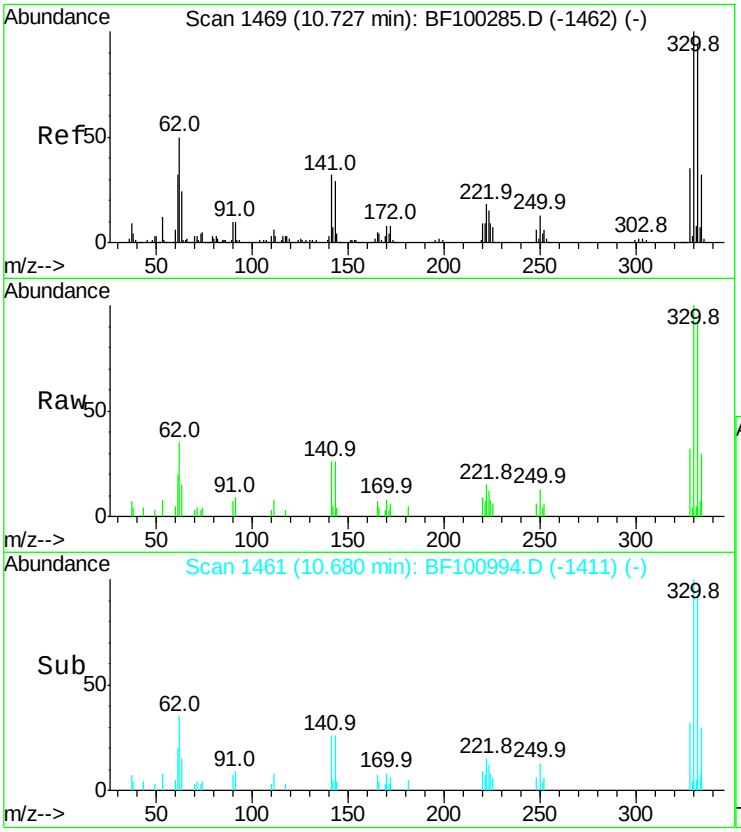


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Tgt Ion:164 Resp: 93313

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	49.7	38.3	57.5



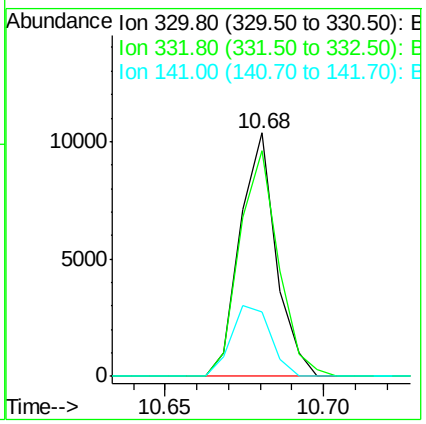


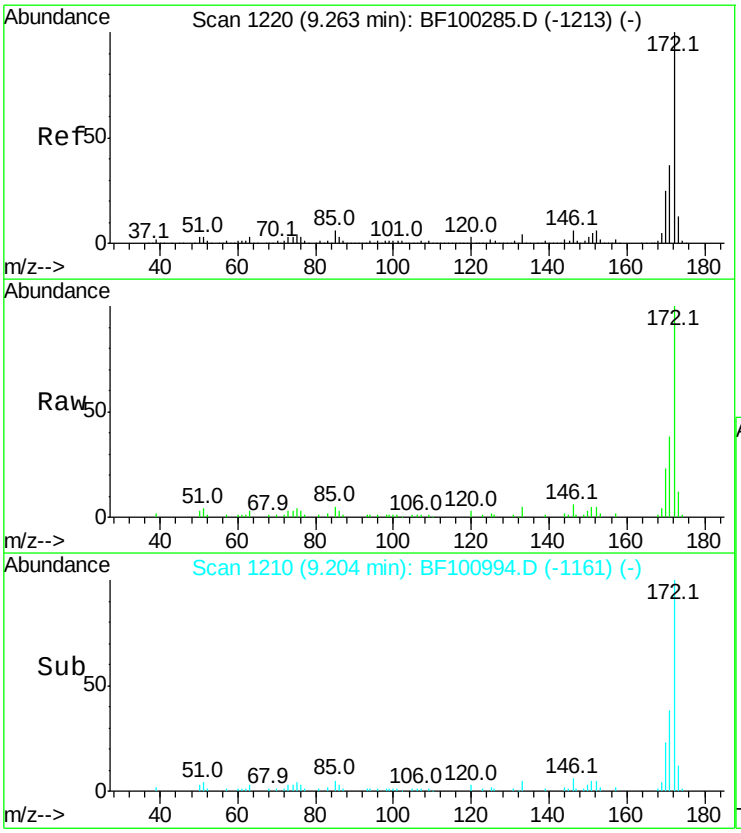
#41
2,4,6-Tribromophenol
Concen: 8.563 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 8142

Ion	Ratio	Lower	Upper
330	100		
332	100.2	77.0	115.6
141	31.5	29.9	44.9

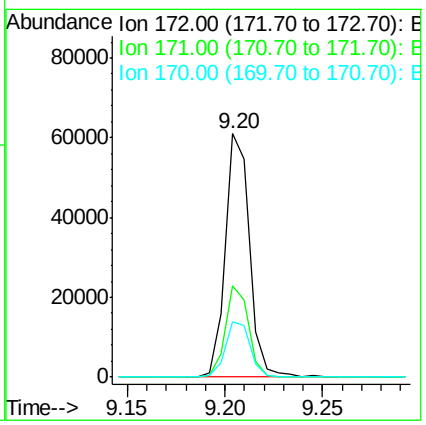


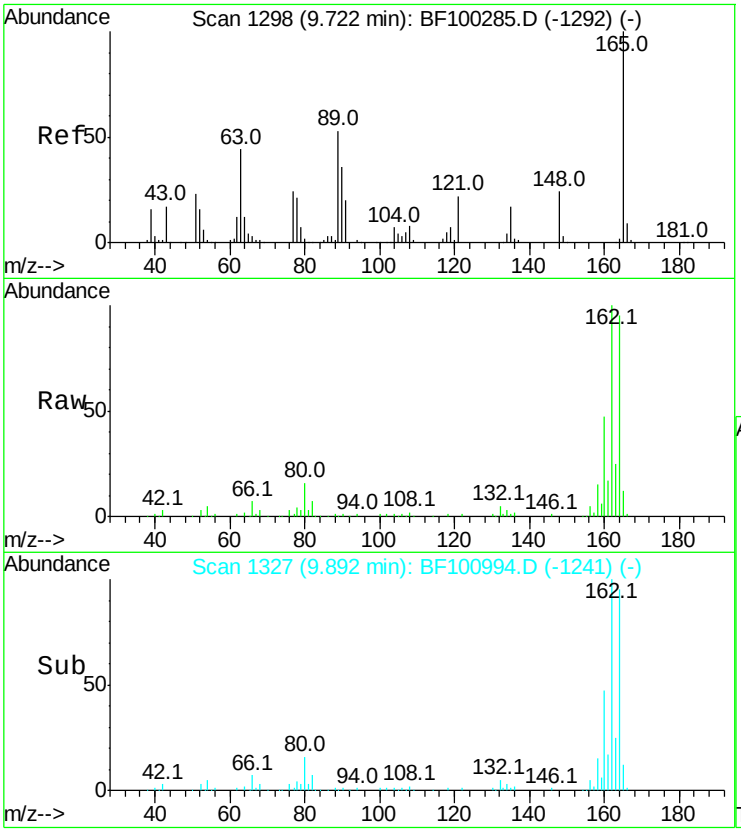


#44
2-Fluorobiphenyl
Concen: 8.503 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Tgt Ion:172 Resp: 52108

Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	22.7	19.6	29.4



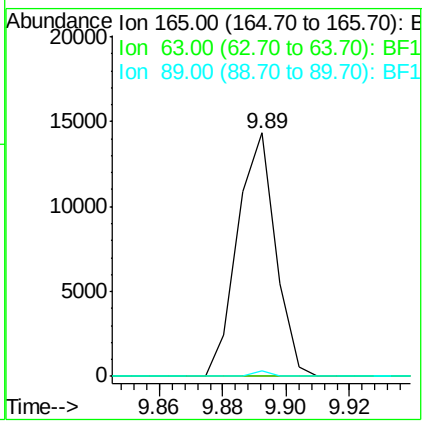


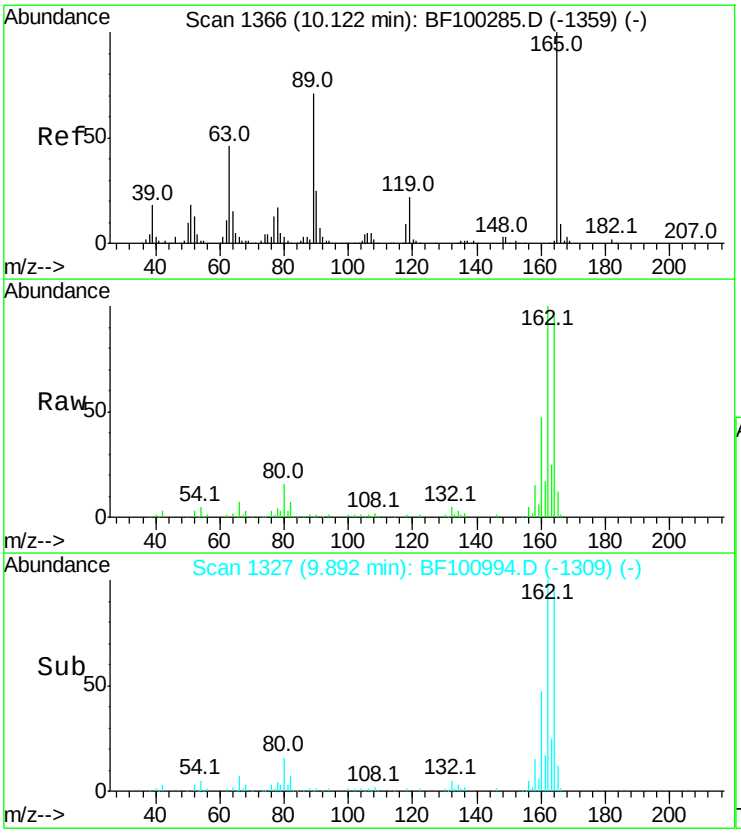
#50
2,6-Dinitrotoluene
Concen: 8.432 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 11892

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.1	44.0	66.0#

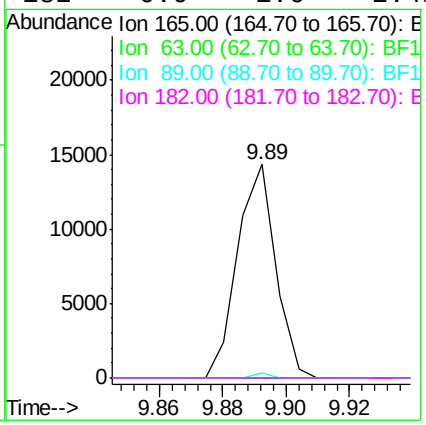


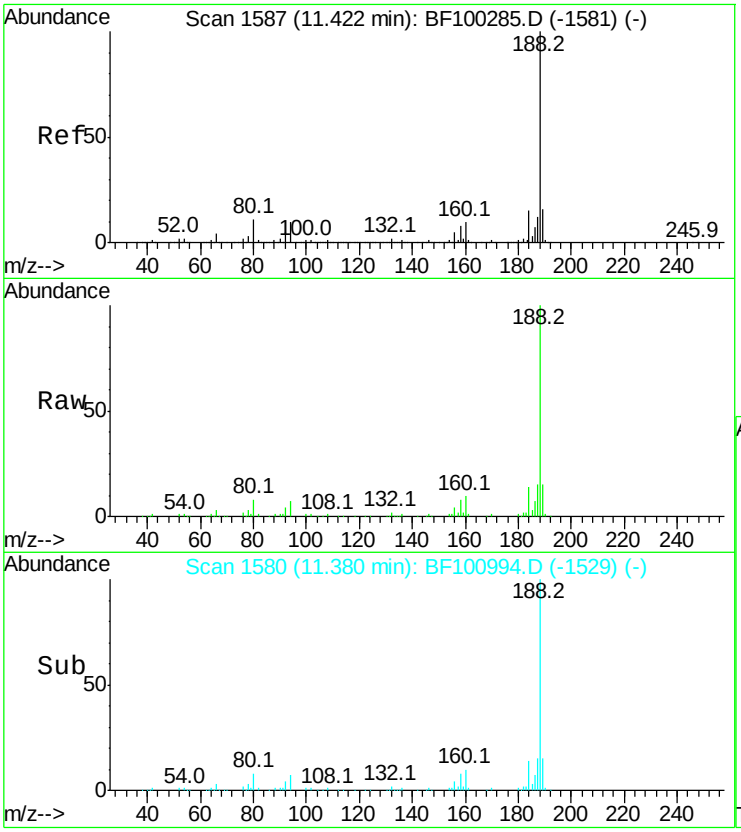


#56
2,4-Dinitrotoluene
Concen: 6.684 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Tgt Ion:165 Resp: 11892

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#



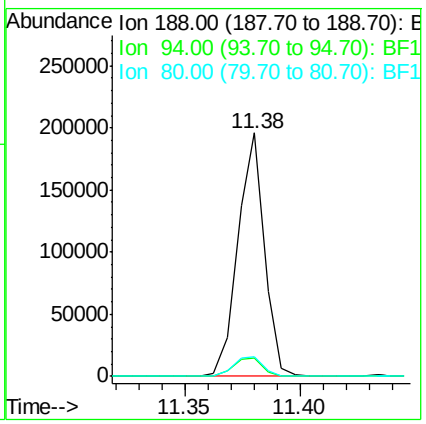


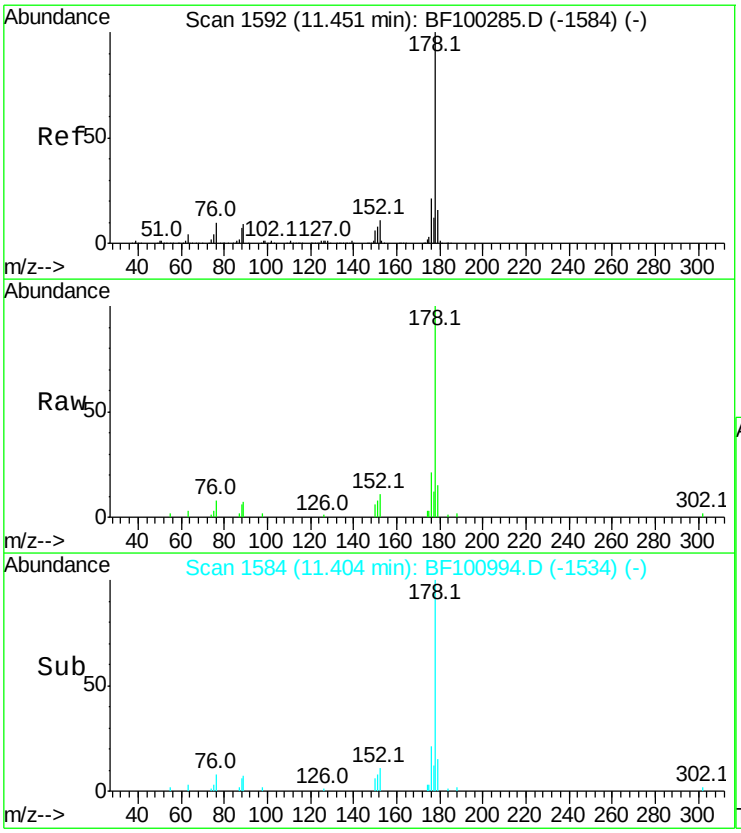
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 156584

Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.2	9.2	13.8#

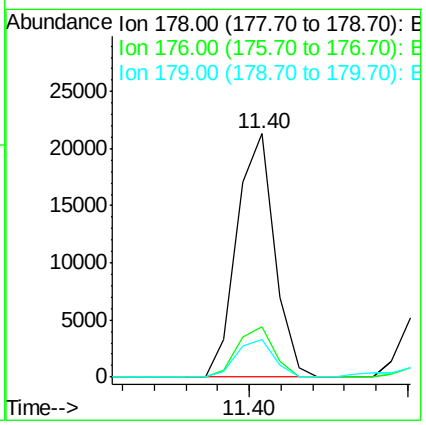


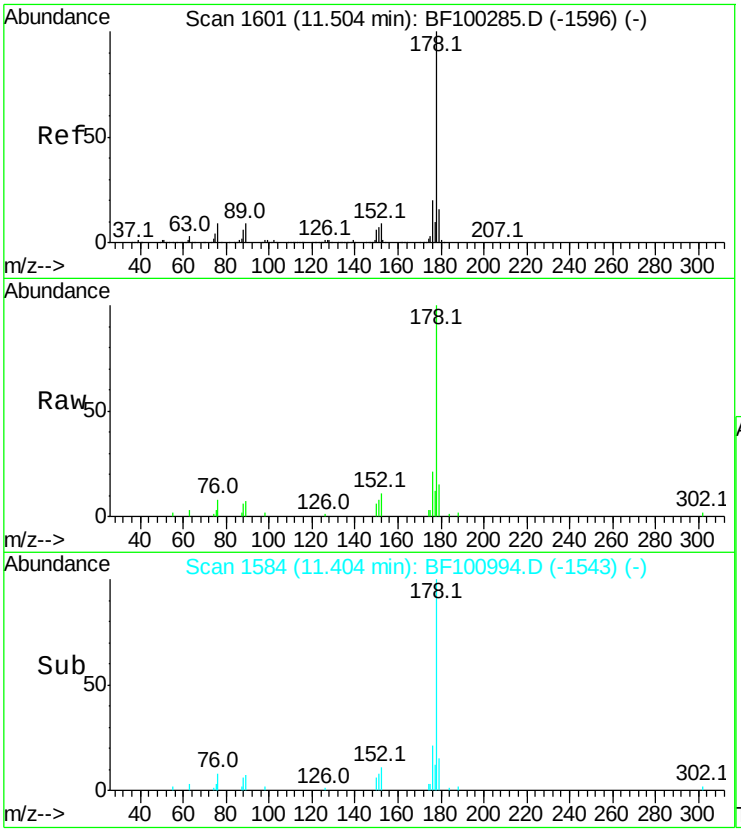


#70
Phenanthrene
Concen: 2.115 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Tgt Ion:178 Resp: 17438

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.8	23.8
179	15.4	13.0	19.6



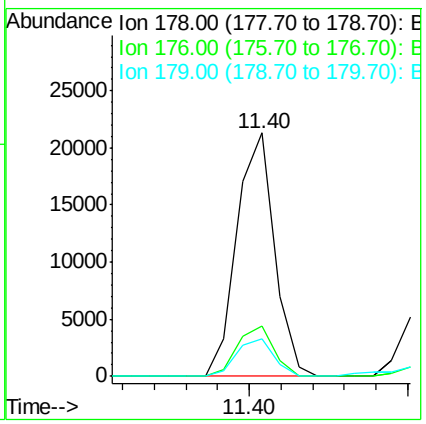


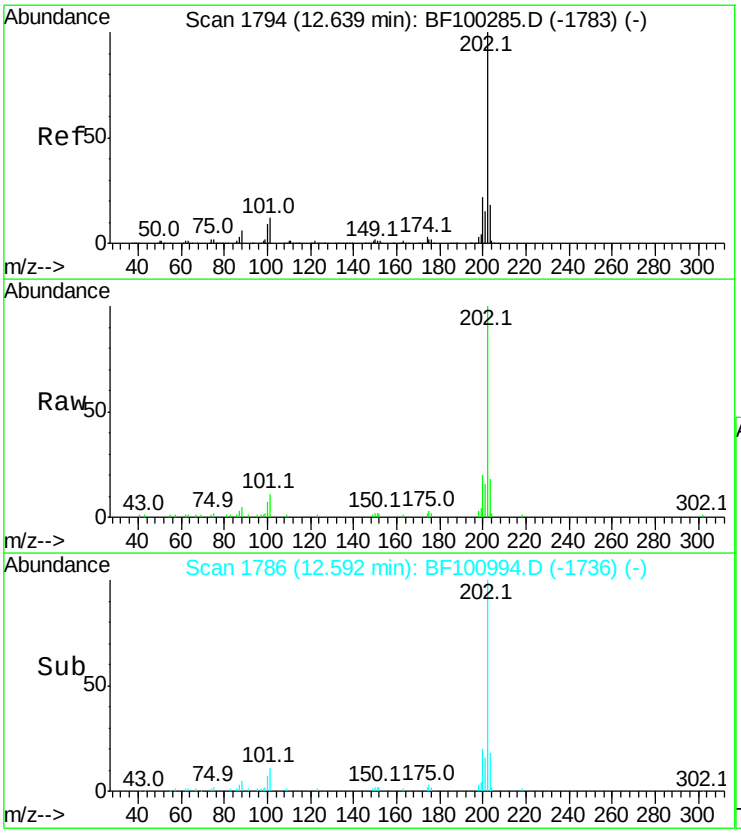
#71
Anthracene
Concen: 2.085 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.06 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 17438

Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.4	23.2
179	15.4	12.6	19.0

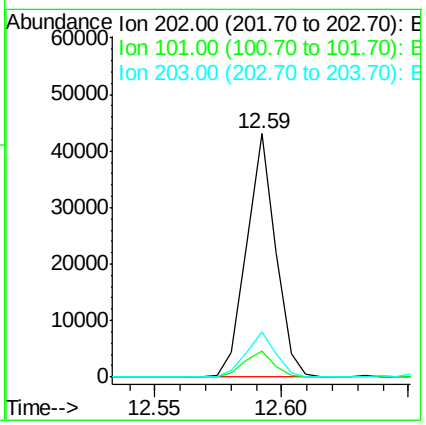


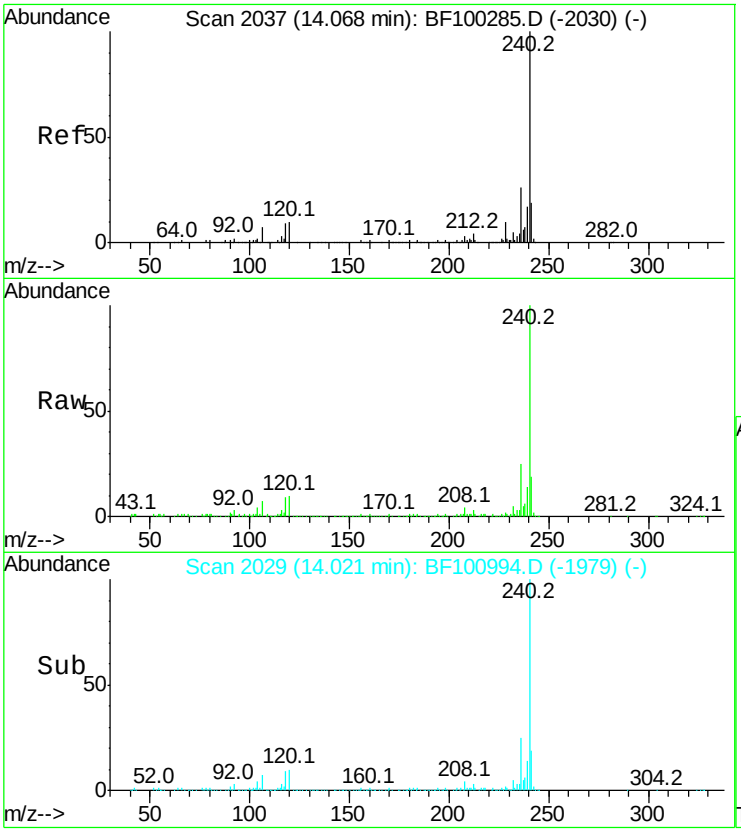


#74
Fluoranthene
Concen: 3.951 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Tgt Ion:202 Resp: 34522

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	34.1
203	18.3	0.0	38.1



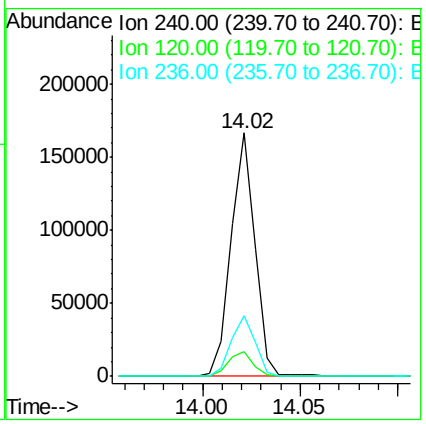


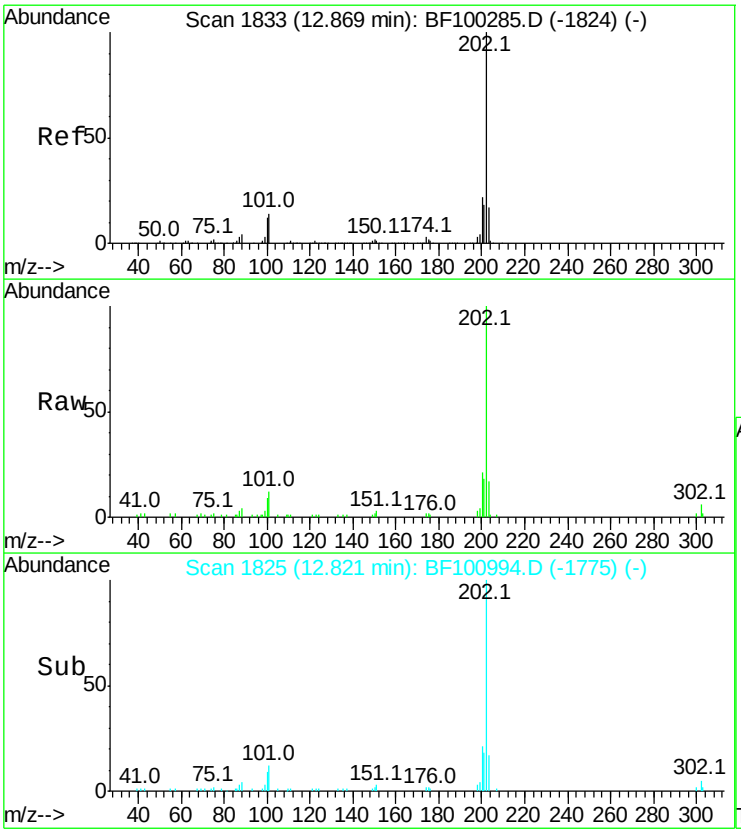
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 141811

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	25.0	20.7	31.1

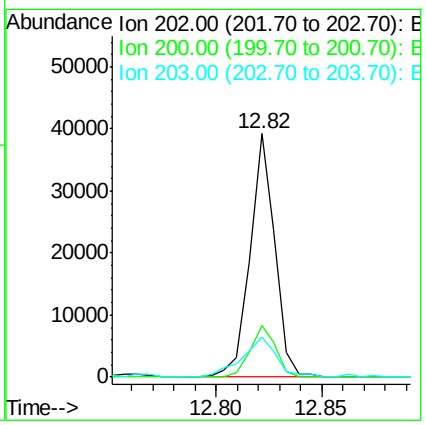


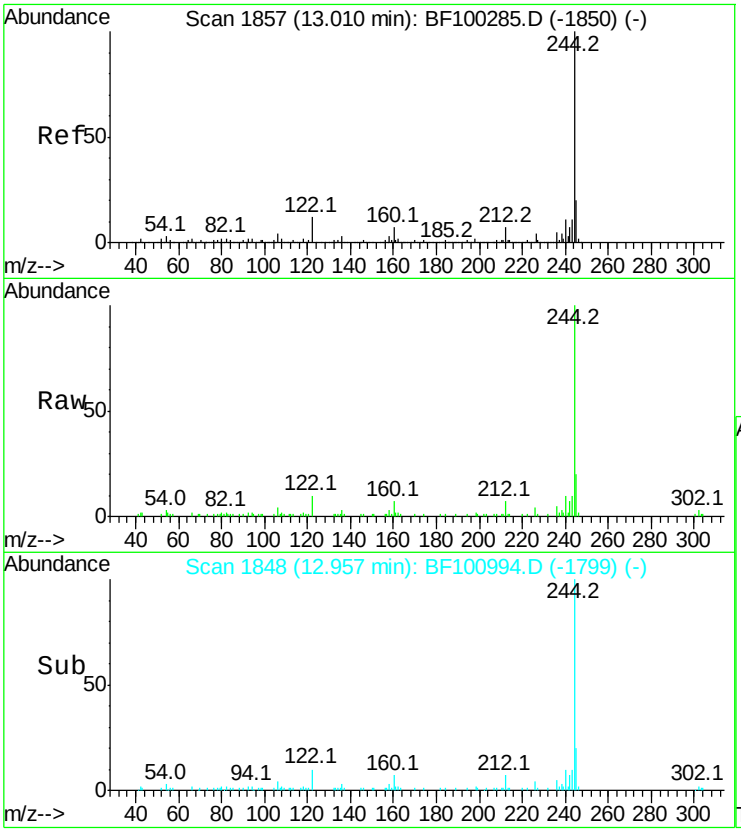


#77
Pyrene
Concen: 3.178 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Tgt Ion:202 Resp: 32129

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	16.5	14.3	21.5



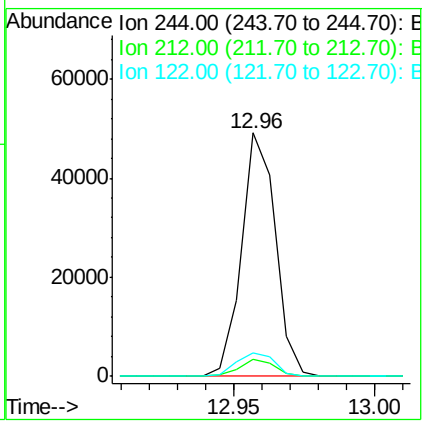


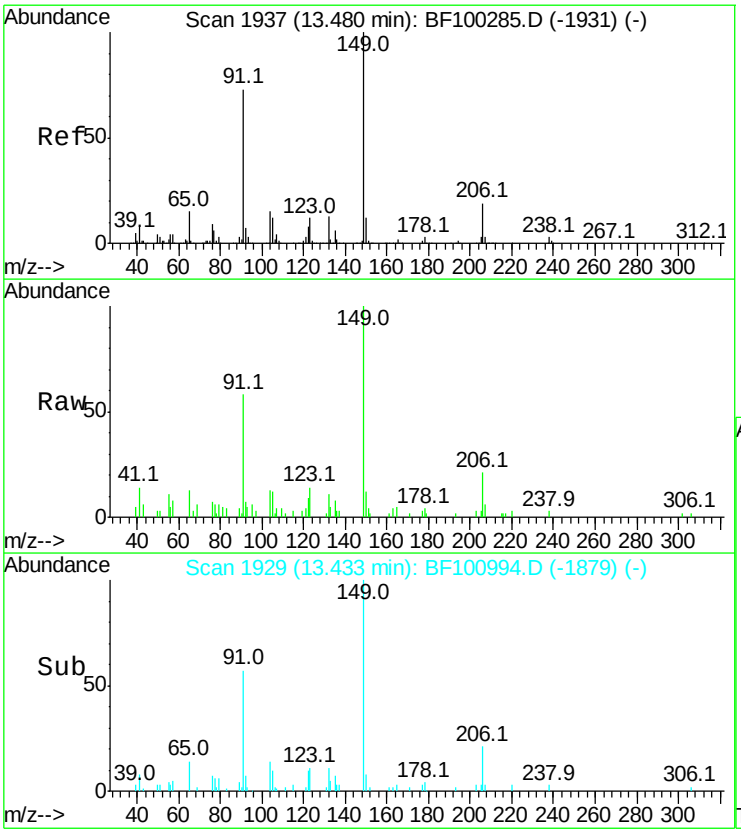
#78
Terphenyl-d14
Concen: 6.633 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 40940

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.6	11.0	16.4#

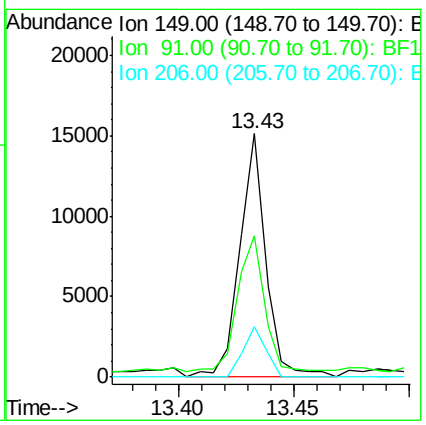


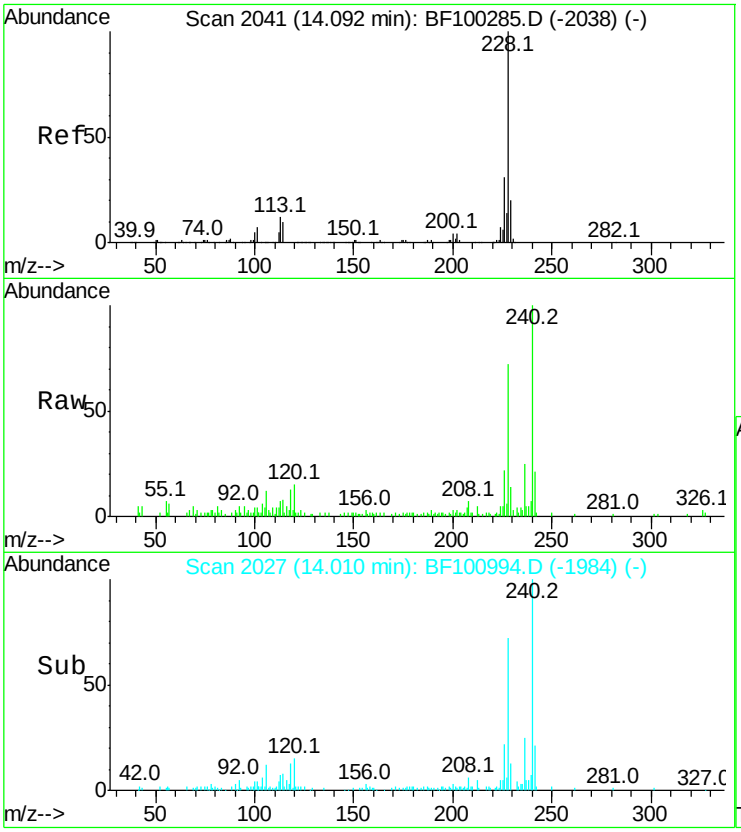


#79
Butylbenzylphthalate
Concen: 2.923 ng
RT: 13.43 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Tgt Ion:149 Resp: 12050

Ion	Ratio	Lower	Upper
149	100		
91	58.1	56.8	85.2
206	20.5	14.1	21.1



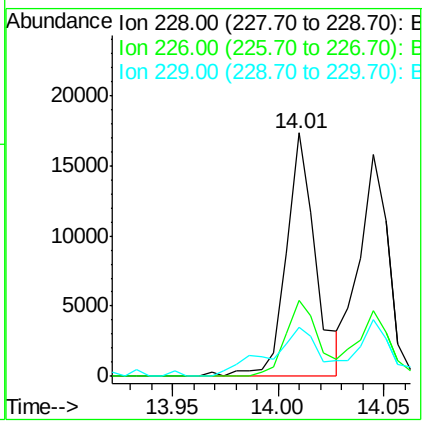


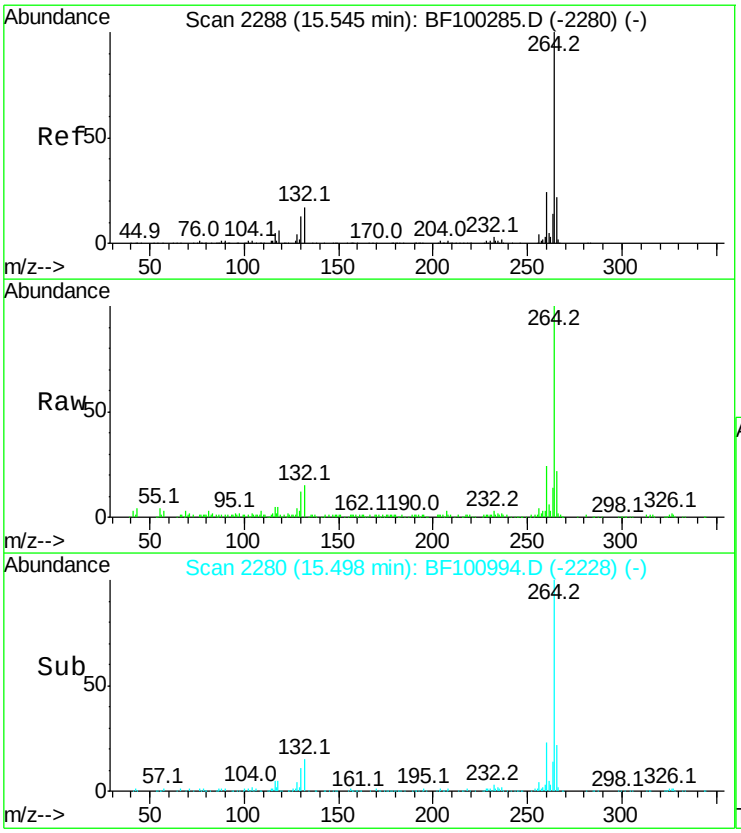
#82
Chrysene
Concen: 2.028 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.05 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 16771

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.0	16.2	24.4

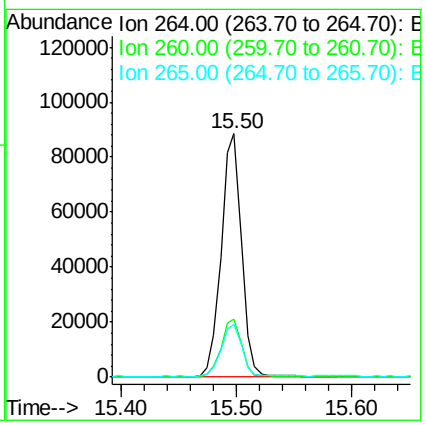


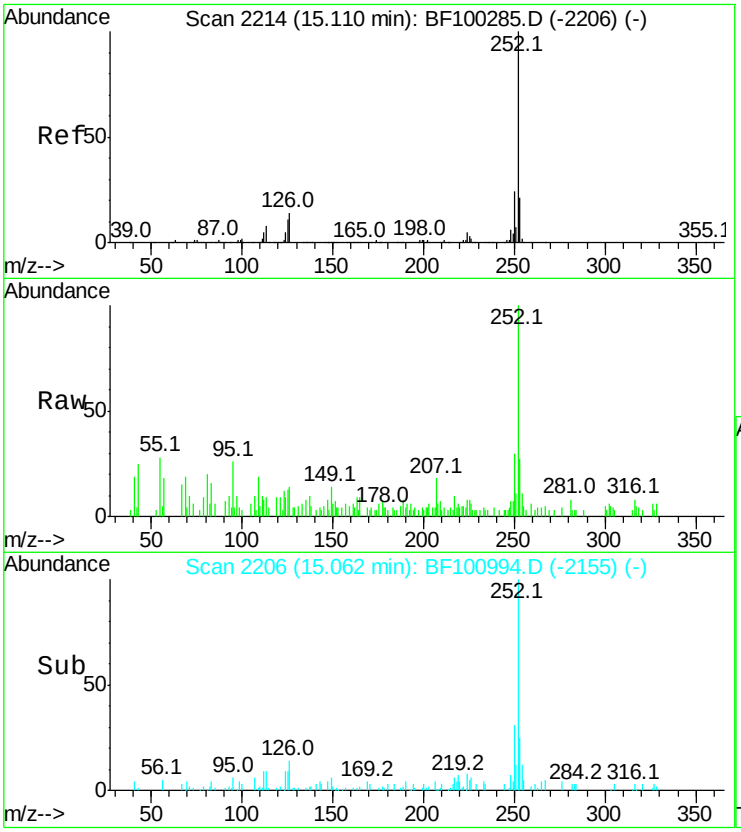


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Tgt Ion:264 Resp: 107916

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.9	17.5	26.3



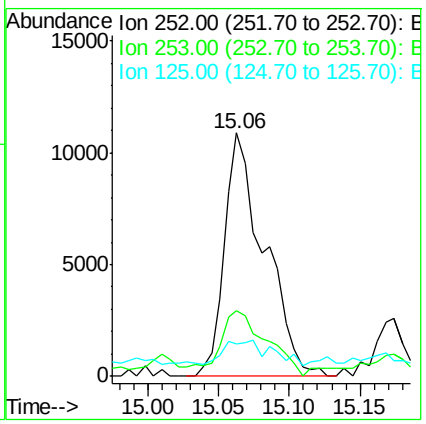


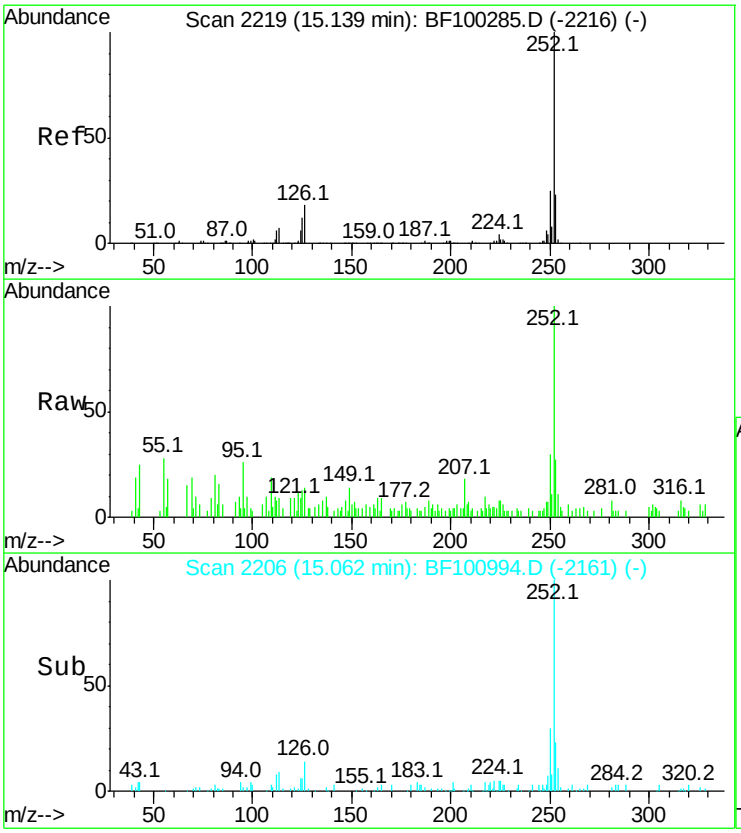
#87
Benzo(b)fluoranthene
Concen: 3.355 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 21448

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.0	25.6#
125	13.4	9.0	13.6

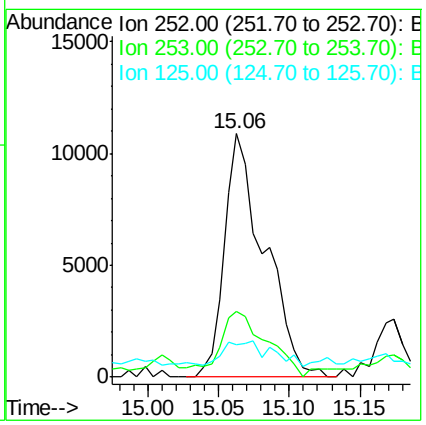


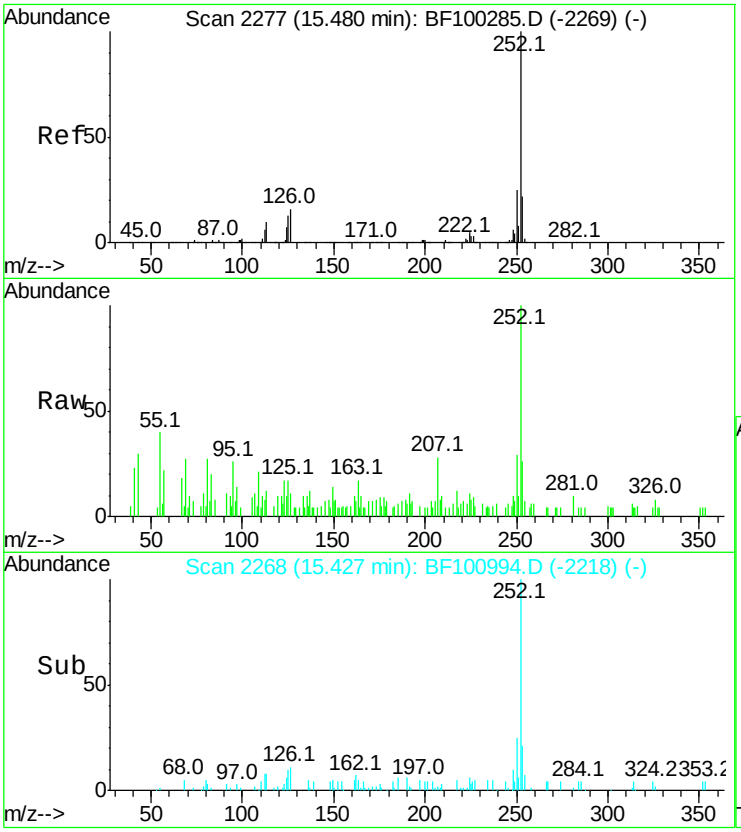


#88
Benzo(k)fluoranthene
Concen: 3.550 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Tgt Ion:252 Resp: 21448

Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.9	26.9#
125	13.4	10.2	15.2





#89
Benzo(a)pyrene
Concen: 2.027 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF100994.D
Acq: 29 Nov 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 11491

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.1	25.7#
125	16.6	9.8	14.6#