Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100499.D
Acq On : 13 Nov 2017 13:41
Operator : SJ/JU
Sample : I6396-05RE 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 13 15:36:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	83283	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	323027	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	146071	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	240996	20.00	ng		0.00
75) Chrysene-d12	14.05	240	174386	20.00	ng		0.00
86) Perylene-d12	15.53	264	180296	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	33780	6.50	ng		0.00
7) Phenol-d6	6.50	99	41355	6.45	ng		-0.01
23) Nitrobenzene-d5	7.45	82	23372	4.78	ng		-0.01
41) 2,4,6-Tribromophenol	10.71	330	9694	6.51	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	50201	5.23	ng		-0.01
78) Terphenyl-d14	12.99	244	33343	4.39	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.45	82	23371	2.276	ng	#	64
31) Naphthalene	8.19	128	42560	2.735	ng		98
32) Benzoic acid	7.95	122	461	9.476	ng	#	19
50) 2,6-Dinitrotoluene	9.93	165	18776	8.505	ng	#	26
55) 4-Nitrophenol	10.13	139	8336	3.938	ng	#	9
56) 2,4-Dinitrotoluene	9.93	165	18776	6.742	ng	#	24
57) Fluorene	10.47	166	21029	2.217	ng		98
70) Phenanthrene	11.44	178	340733	26.853	ng		98
71) Anthracene	11.49	178	75669	5.878	ng		99
72) Carbazole	11.64	167	38563	3.246	ng		95
74) Fluoranthene	12.63	202	524625	39.012	ng		95
77) Pyrene	12.86	202	447744	36.019	ng		100
80) Benzo(a)anthracene	14.04	228	257477	24.518	ng		99
82) Chrysene	14.07	228	233324	22.944	ng		97
85) Indeno(1,2,3-cd)pyrene	17.01	276	87620	10.652	ng	#	89
87) Benzo(b)fluoranthene	15.10	252	356972	33.419	ng		97
88) Benzo(k)fluoranthene	15.10	252	356972	35.370	ng		98
89) Benzo(a)pyrene	15.46	252	171048	18.063	ng		96
90) Dibenzo(a,h)anthracene	17.02	278	27017	3.489	ng		93
91) Benzo(g,h,i)perylene	17.46	276	71215	9.394	ng	#	88

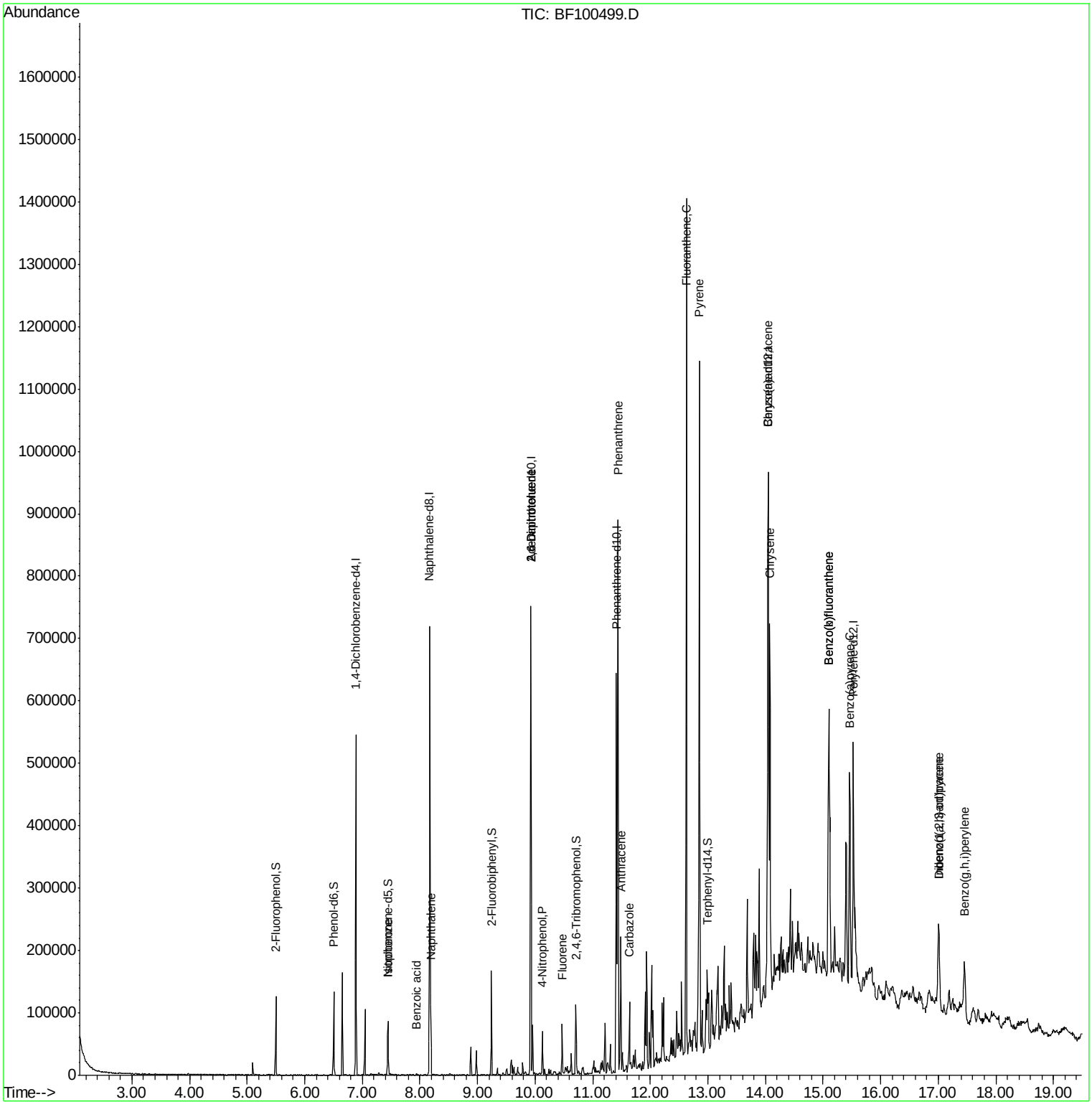
(#) = qualifier out of range (m) = manual integration (+) = signals summed

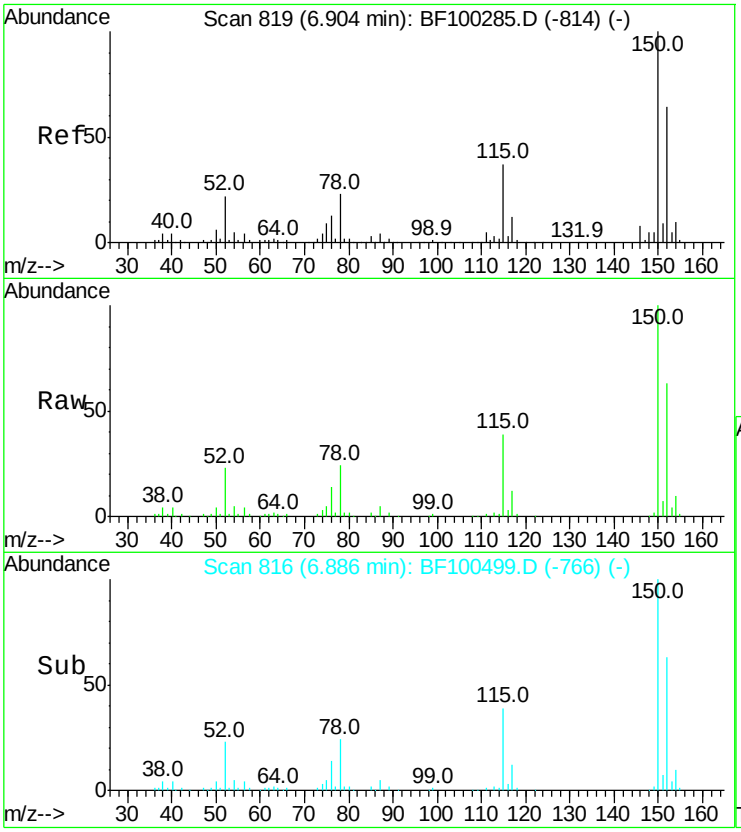
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100499.D
Acq On : 13 Nov 2017 13:41
Operator : SJ/JU
Sample : I6396-05RE 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 13 15:36:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 13 14:08:38 2017
Response via : Initial Calibration



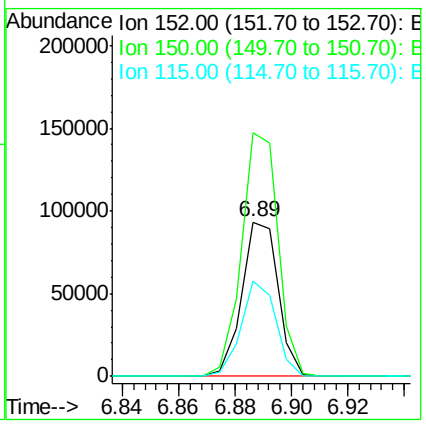


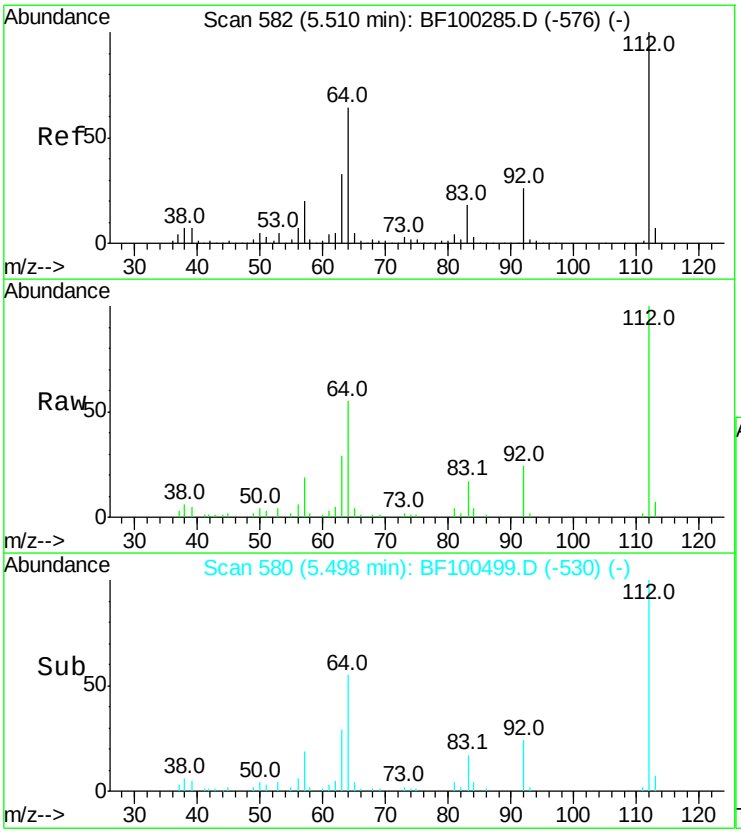
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 83283

Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	61.9	50.1	75.1

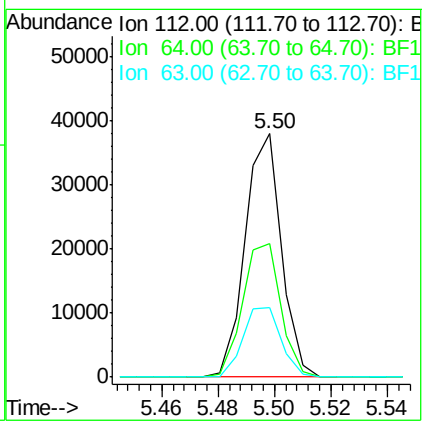


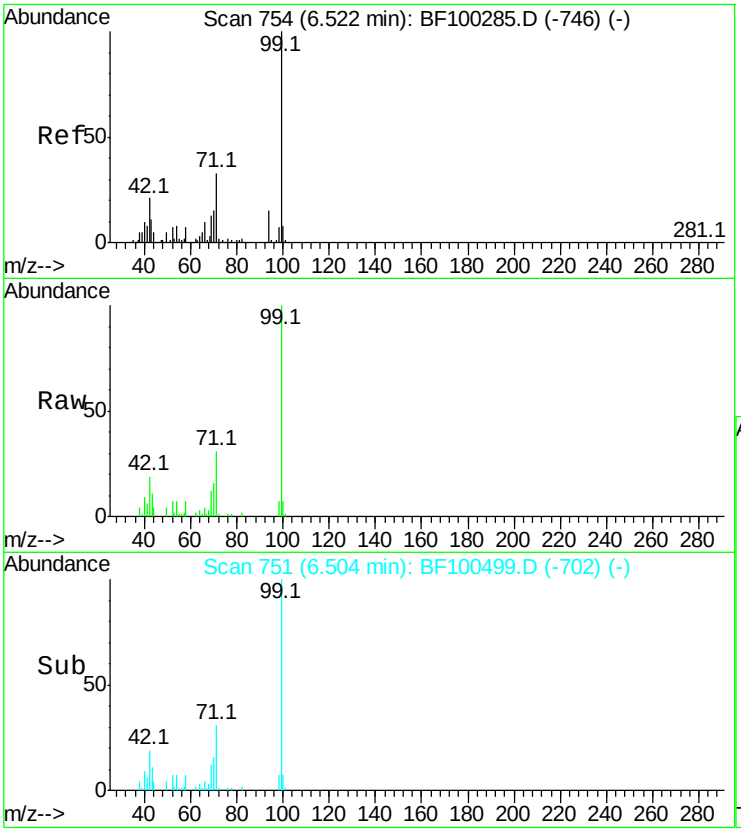


#5
2-Fluorophenol
Concen: 6.502 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Tgt Ion:112 Resp: 33780

Ion	Ratio	Lower	Upper
112	100		
64	54.9	47.9	71.9
63	28.6	23.7	35.5



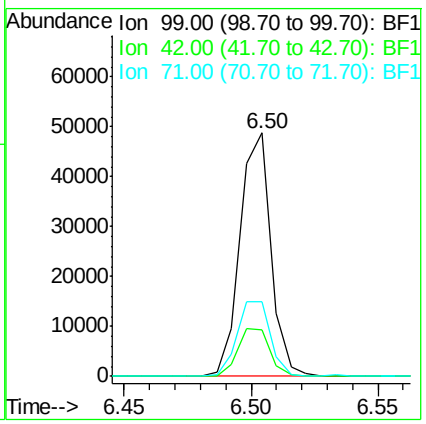


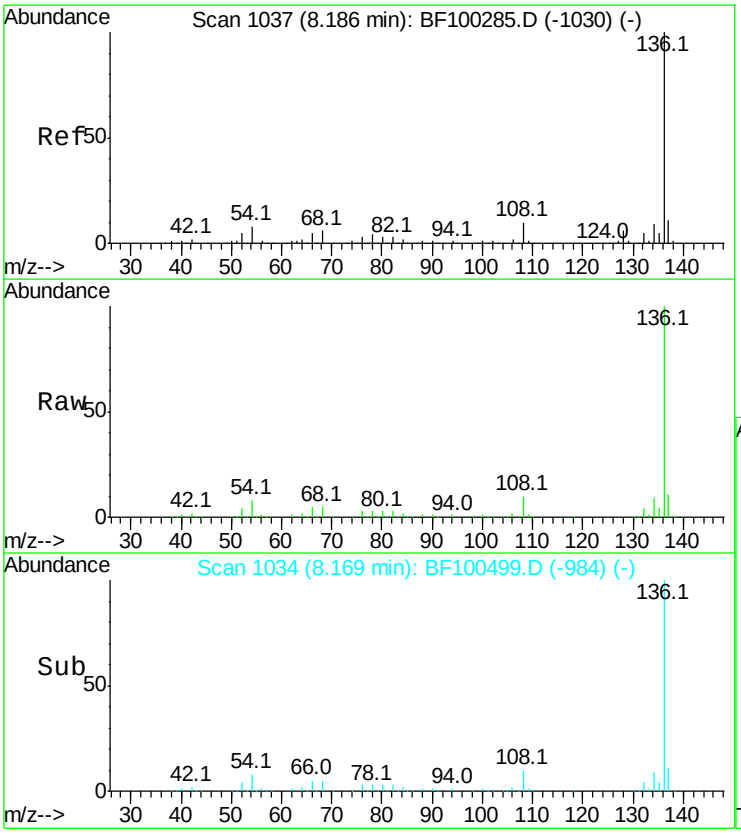
#7
Phenol-d6
Concen: 6.455 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 41355

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	30.8	25.4	38.0

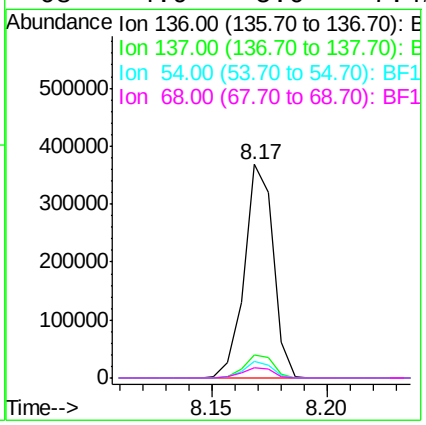


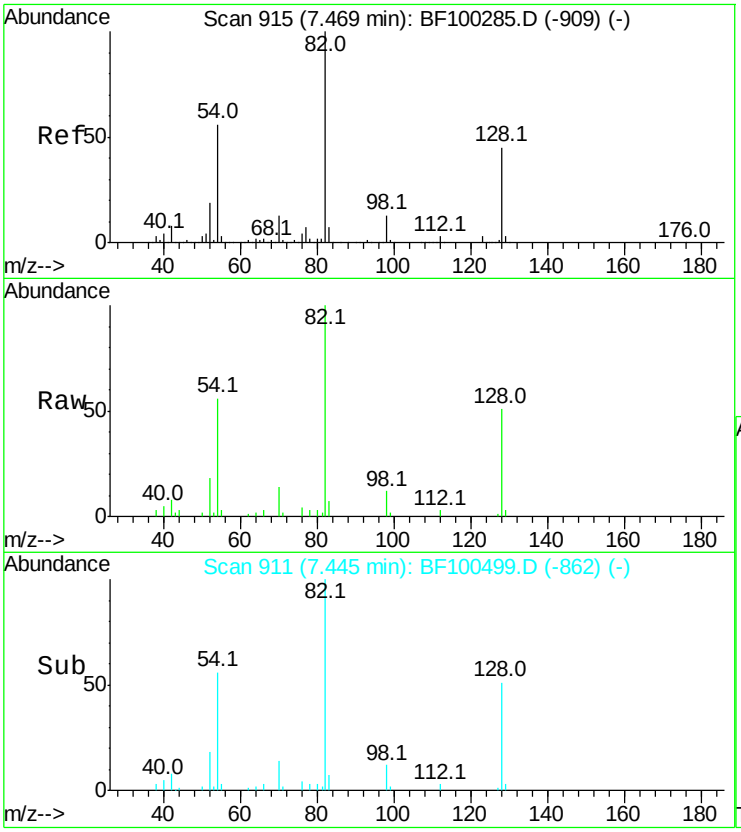


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Tgt Ion:136 Resp: 323027

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.9	6.6	9.8
68	4.9	5.0	7.4#



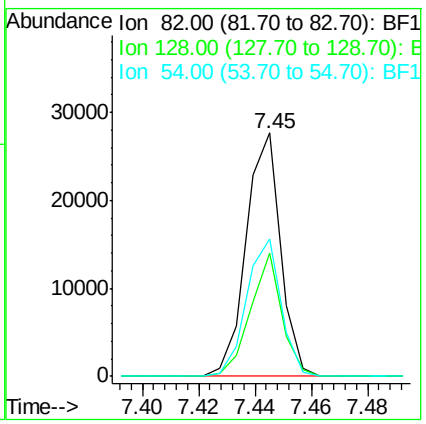


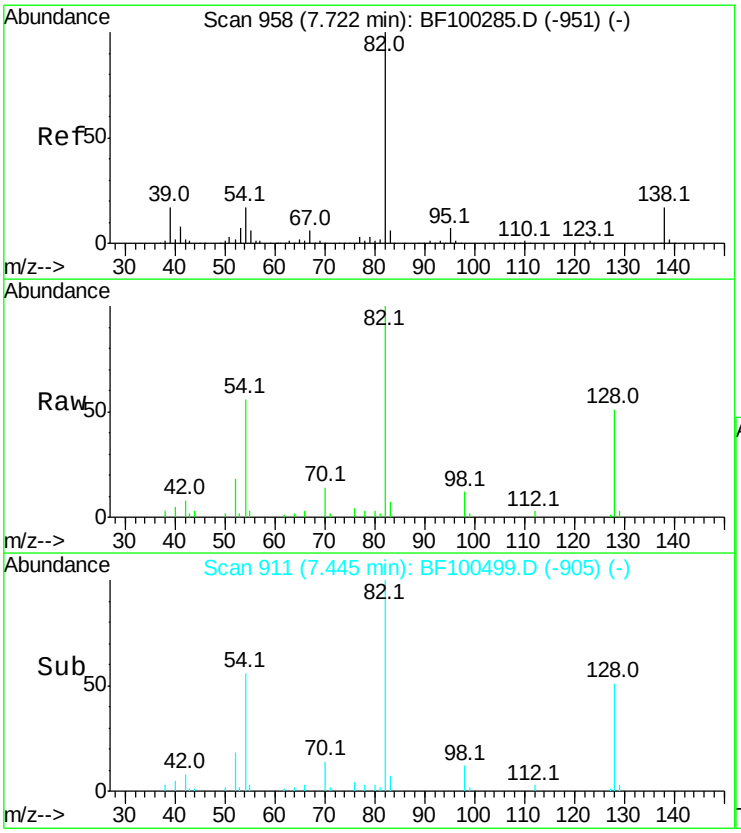
#23
Nitrobenzene-d5
Concen: 4.784 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 23372

Ion	Ratio	Lower	Upper
82	100		
128	50.7	36.1	54.1
54	56.3	41.4	62.2

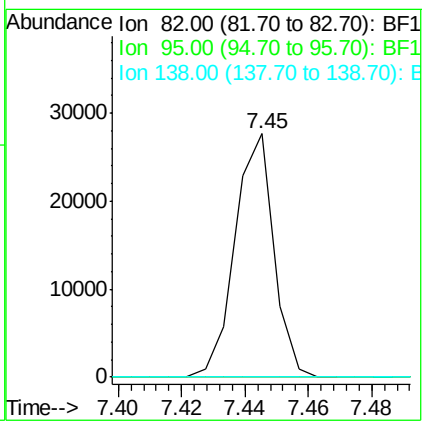


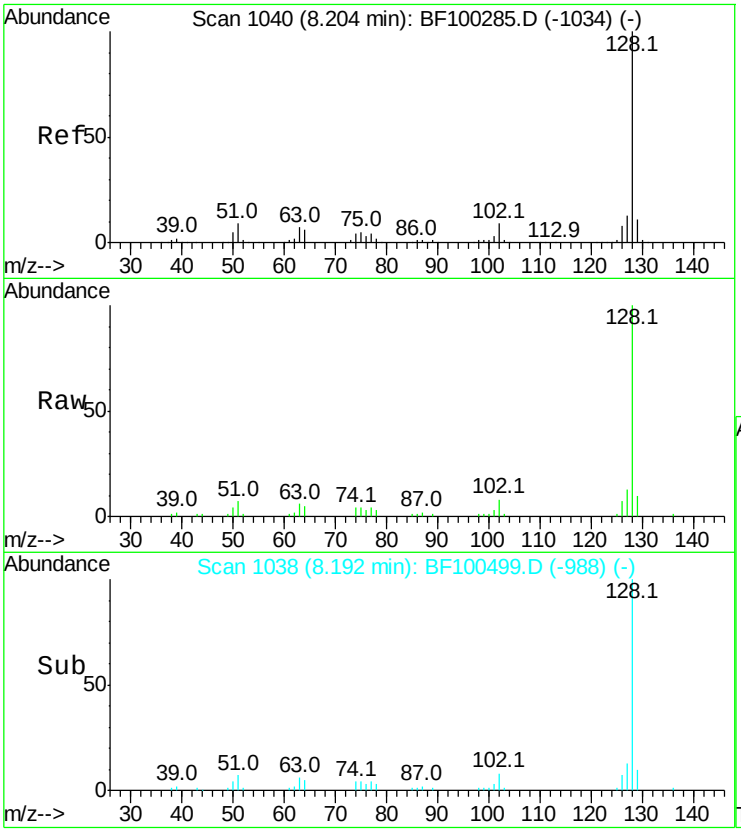


#25
Isophorone
Concen: 2.276 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Tgt Ion: 82 Resp: 23371

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



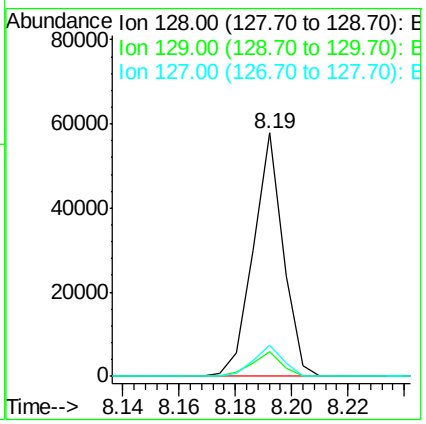


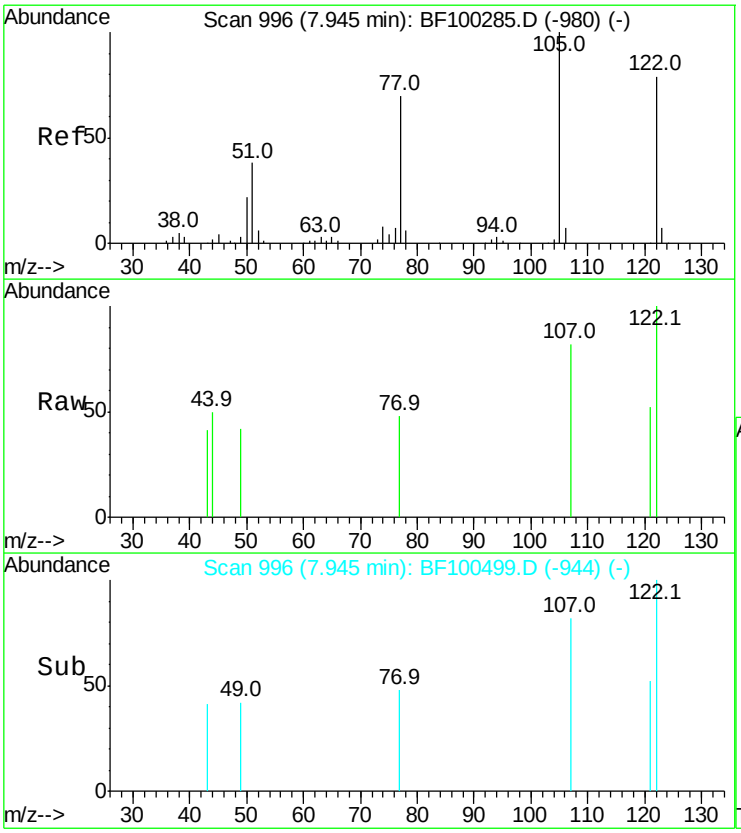
#31
Naphthalene
Concen: 2.735 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 42560

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.8	13.2
127	12.7	10.9	16.3

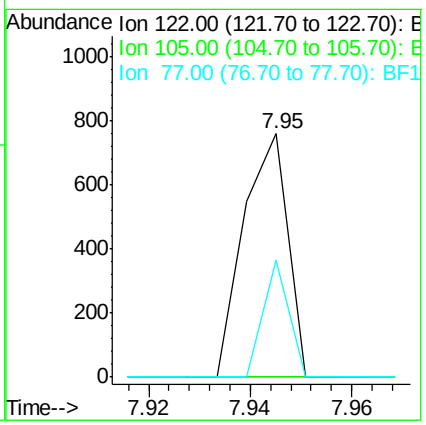


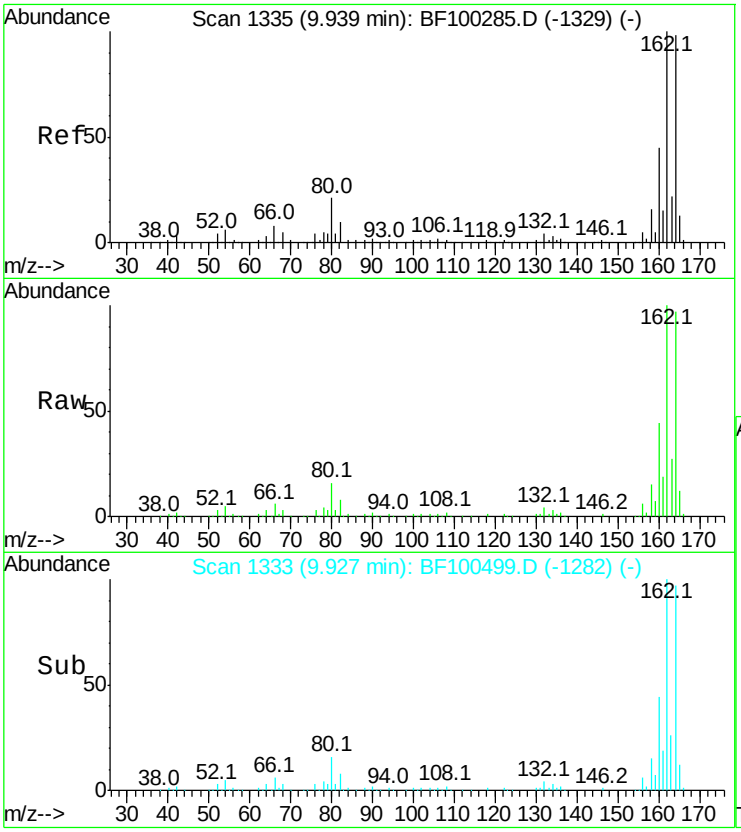


#32
Benzoic acid
Concen: 9.476 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Tgt Ion:122 Resp: 461

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	47.9	70.7	110.7#



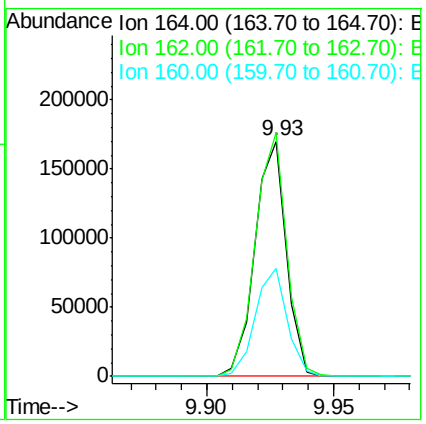


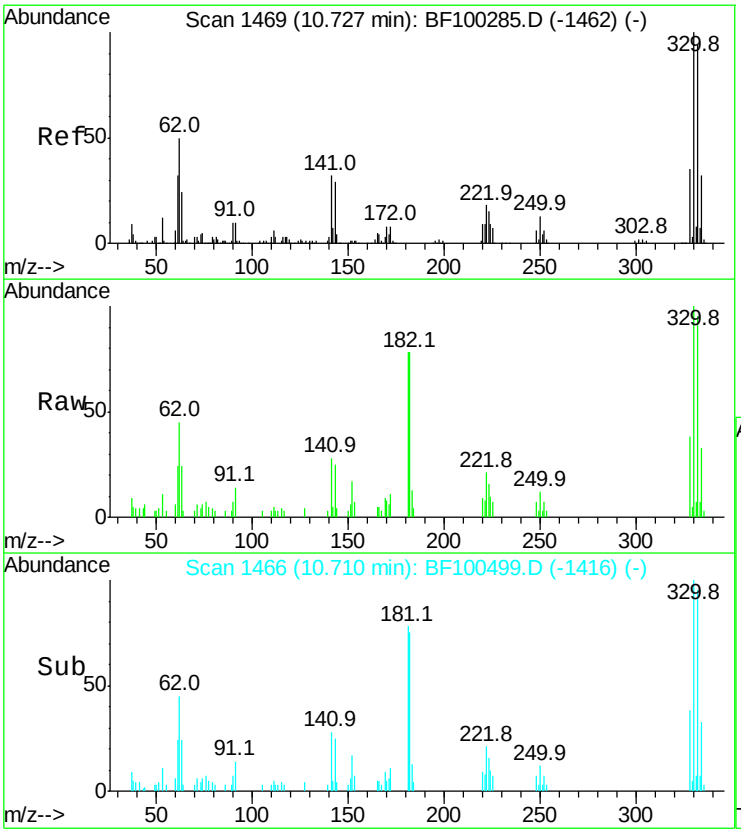
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 146071

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	45.9	38.3	57.5

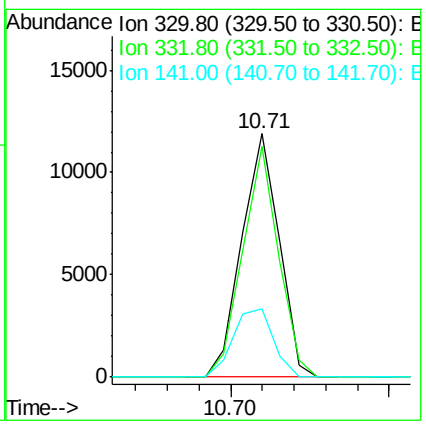


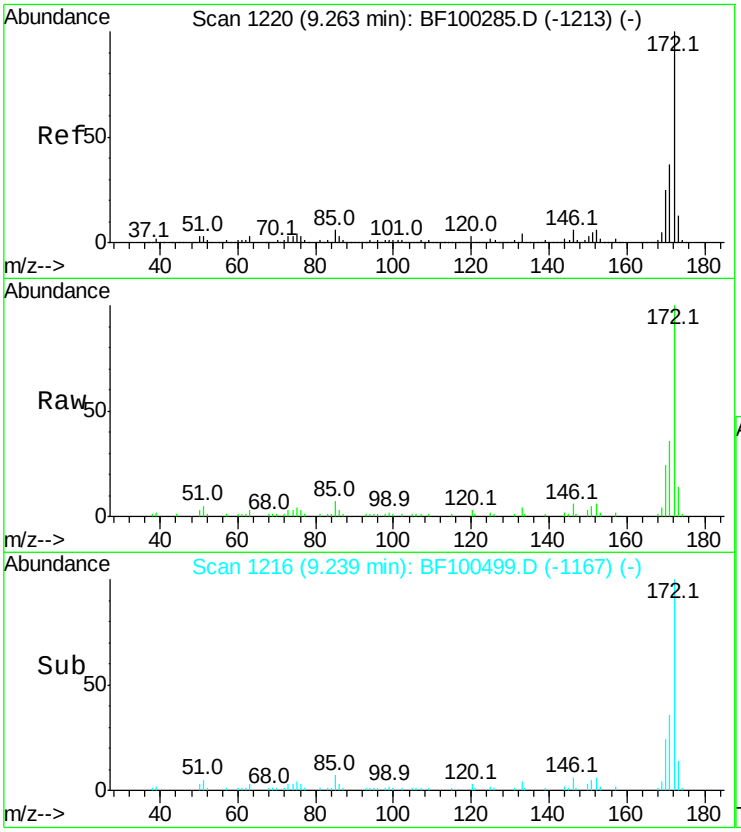


#41
2,4,6-Tribromophenol
Concen: 6.513 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Tgt Ion:330 Resp: 9694

Ion	Ratio	Lower	Upper
330	100		
332	91.2	77.0	115.6
141	30.2	29.9	44.9



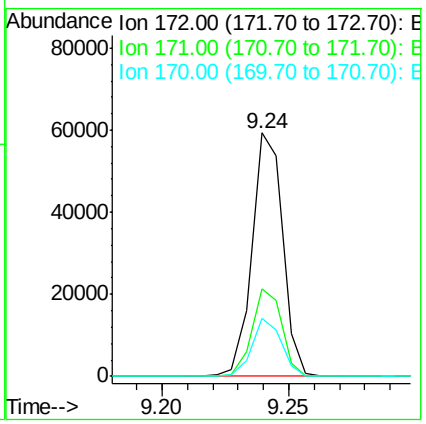


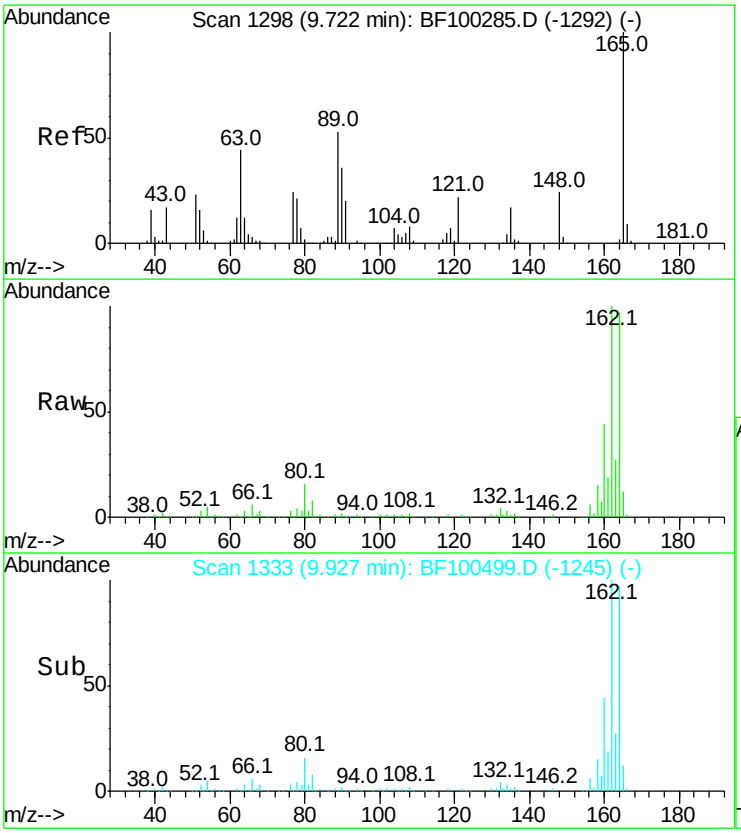
#44
2-Fluorobiphenyl
Concen: 5.233 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 50201

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.9	19.6	29.4

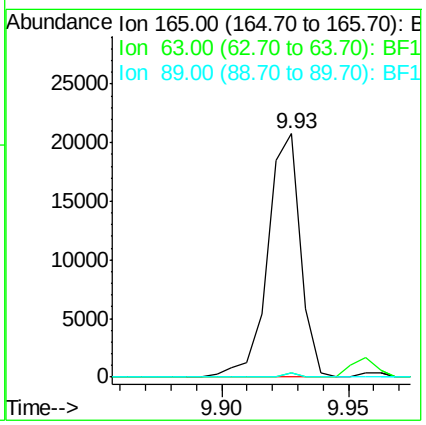


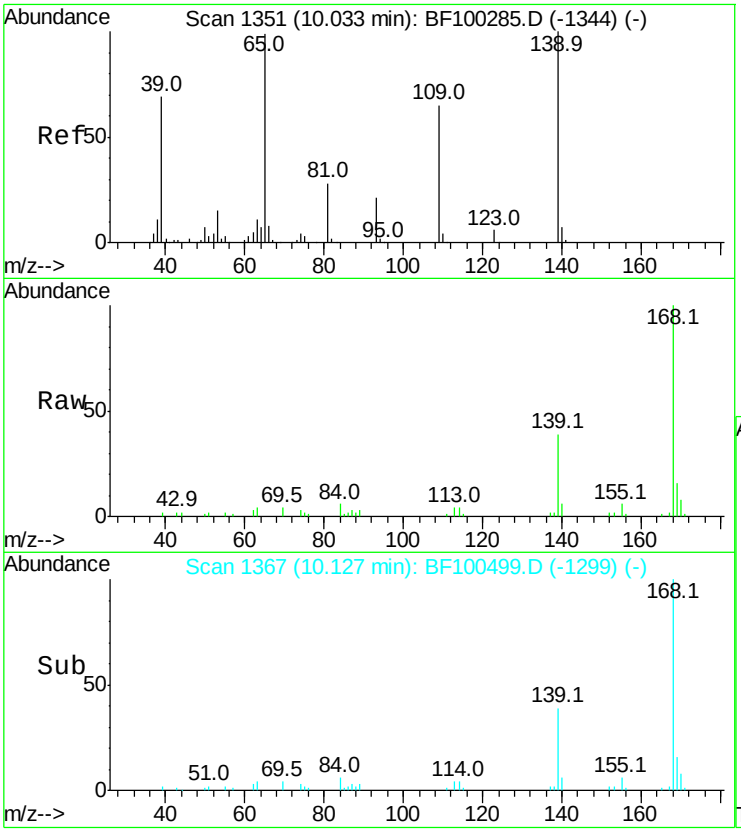


#50
2,6-Dinitrotoluene
Concen: 8.505 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Tgt Ion:165 Resp: 18776

Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.7	44.0	66.0#



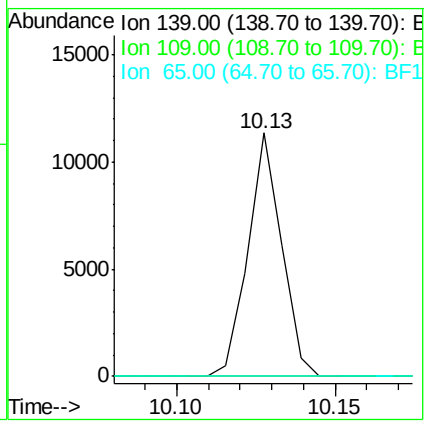


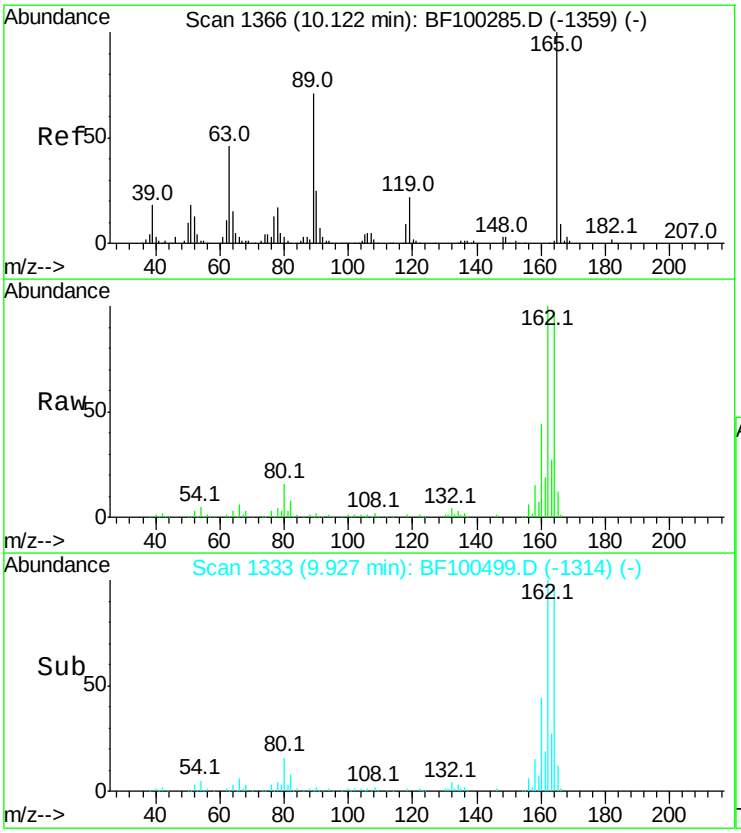
#55
4-Nitrophenol
Concen: 3.938 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.10 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 8336

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

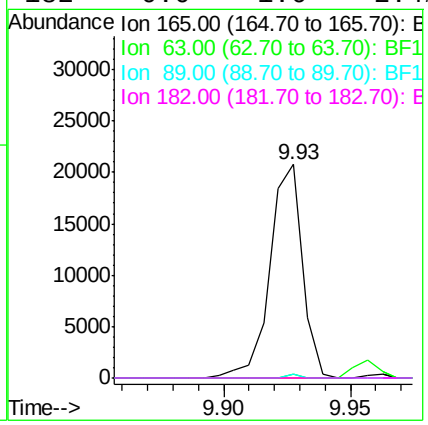


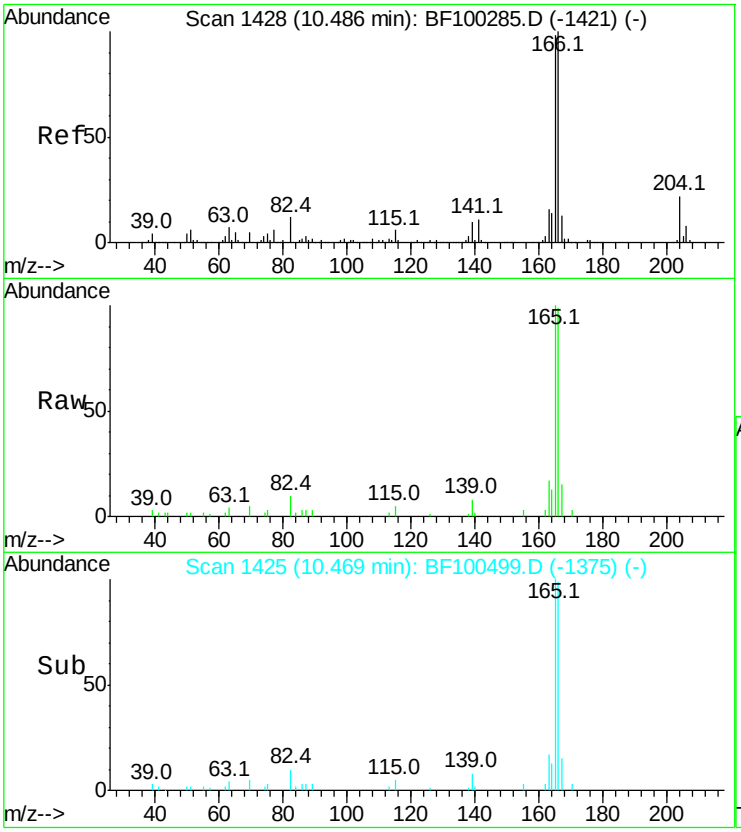


#56
2,4-Dinitrotoluene
Concen: 6.742 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.19 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Tgt Ion:165 Resp: 18776

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#



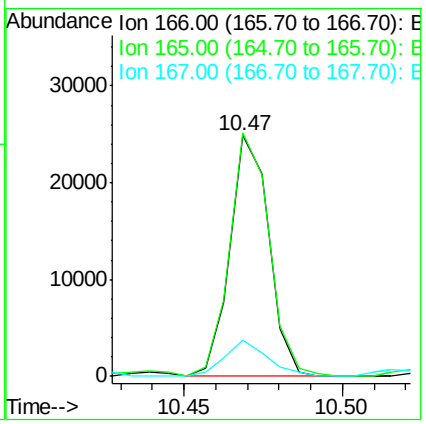


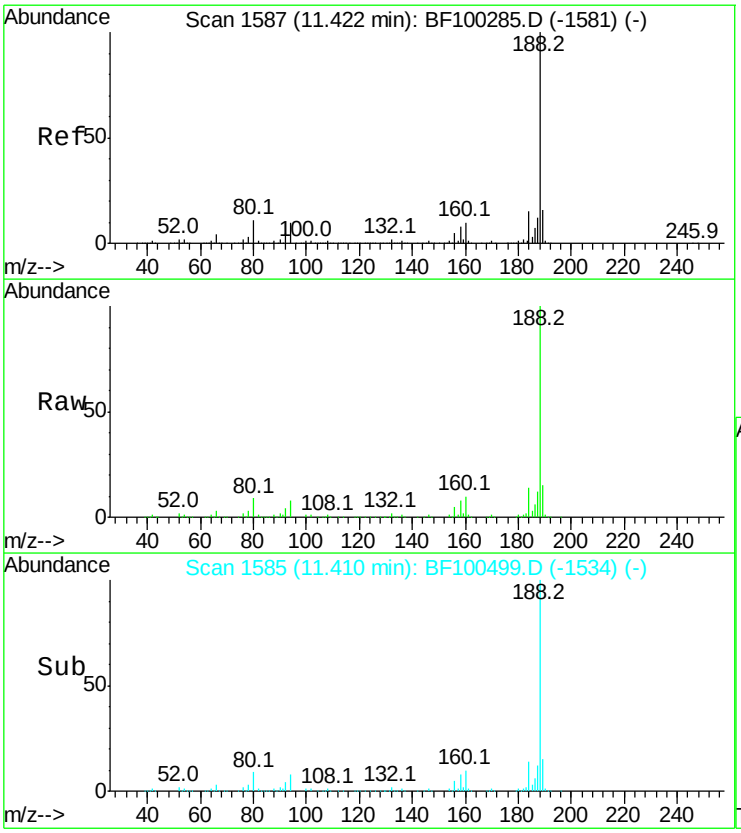
#57
Fluorene
Concen: 2.217 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 21029

Ion	Ratio	Lower	Upper
166	100		
165	101.2	79.8	119.8
167	15.3	10.6	16.0

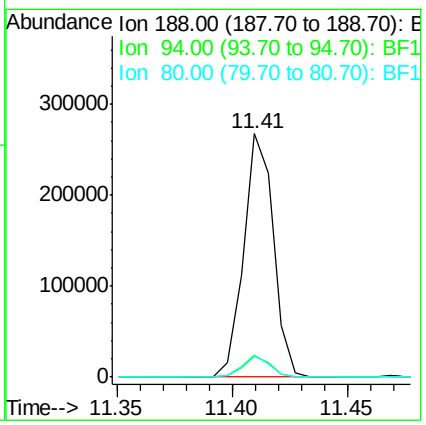


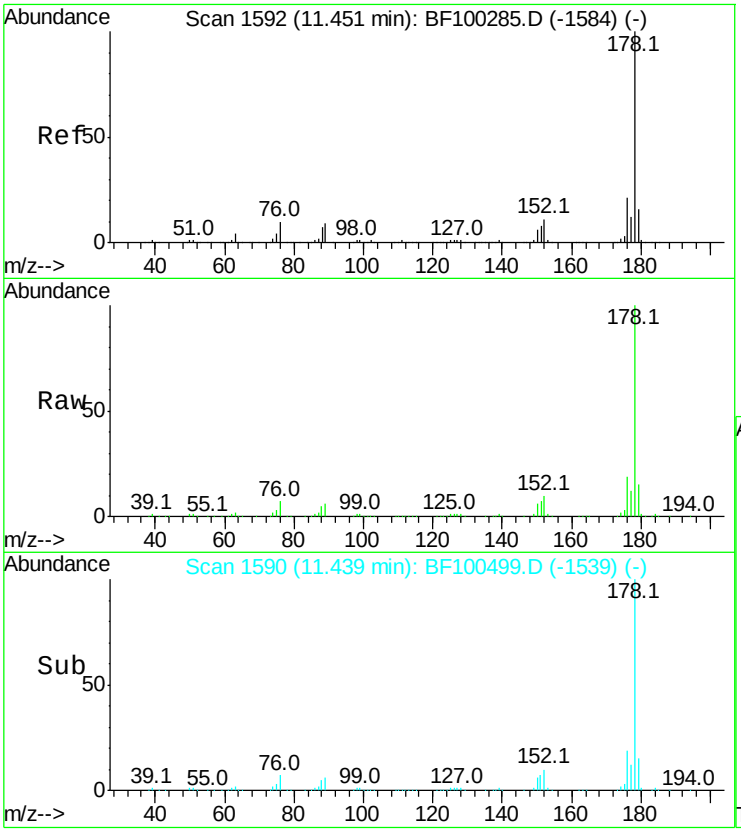


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Tgt Ion:188 Resp: 240996

Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.1	9.2	13.8#



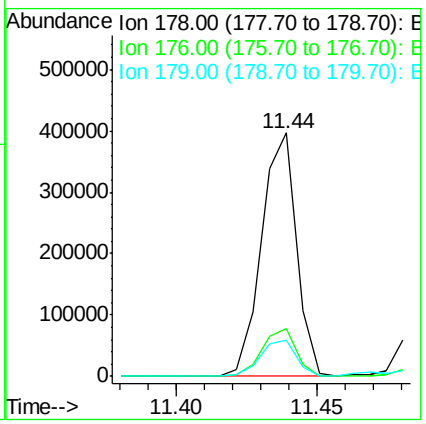


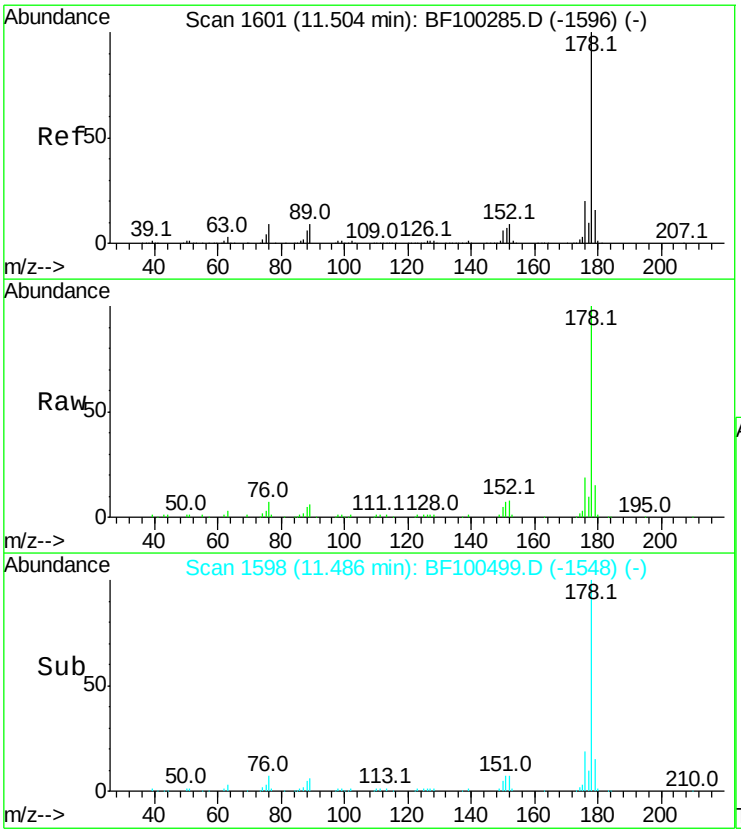
#70
Phenanthrene
Concen: 26.853 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 340733

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	14.9	13.0	19.6

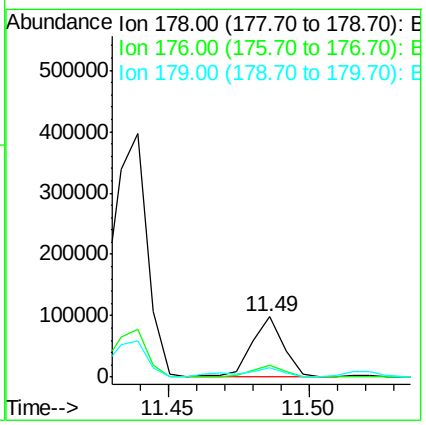


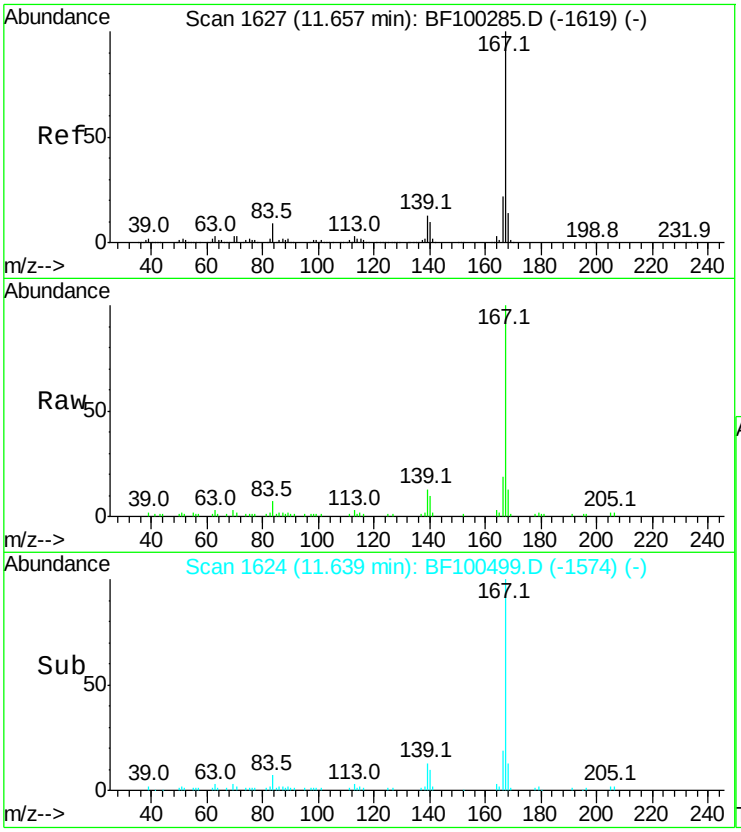


#71
Anthracene
Concen: 5.878 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Tgt Ion:178 Resp: 75669

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	14.9	12.6	19.0



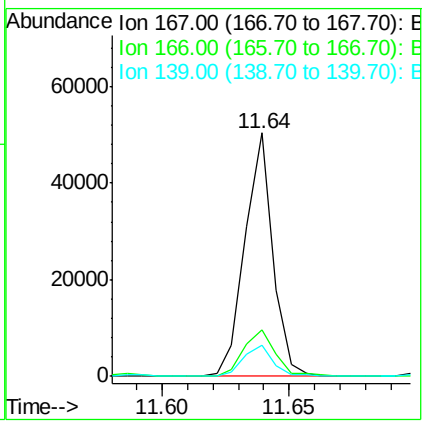


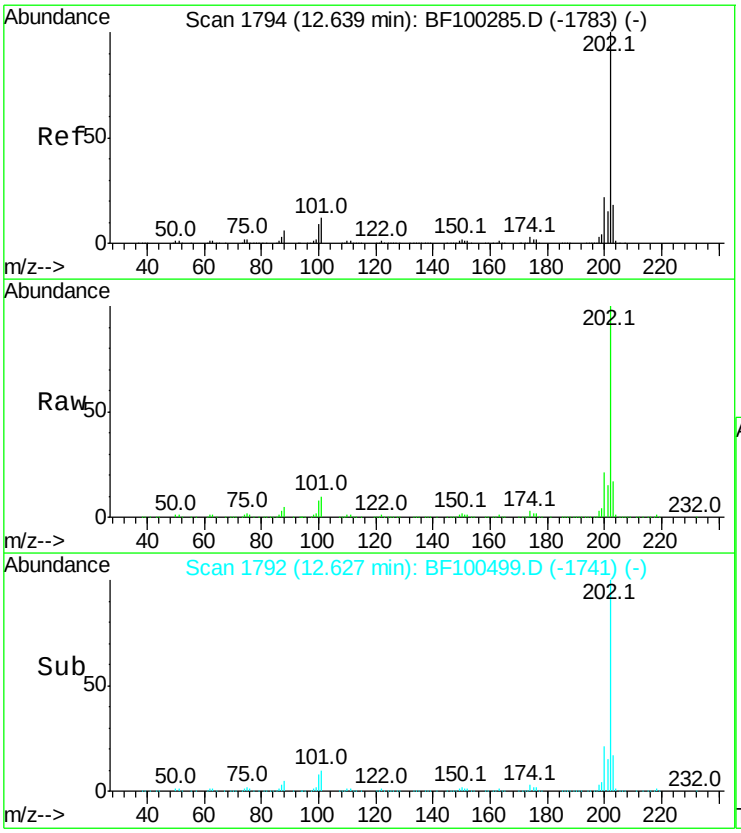
#72
Carbazole
Concen: 3.246 ng
RT: 11.64 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 38563

Ion	Ratio	Lower	Upper
167	100		
166	18.9	17.6	26.4
139	13.0	10.9	16.3

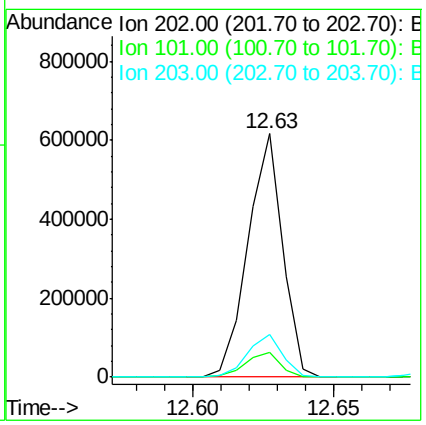


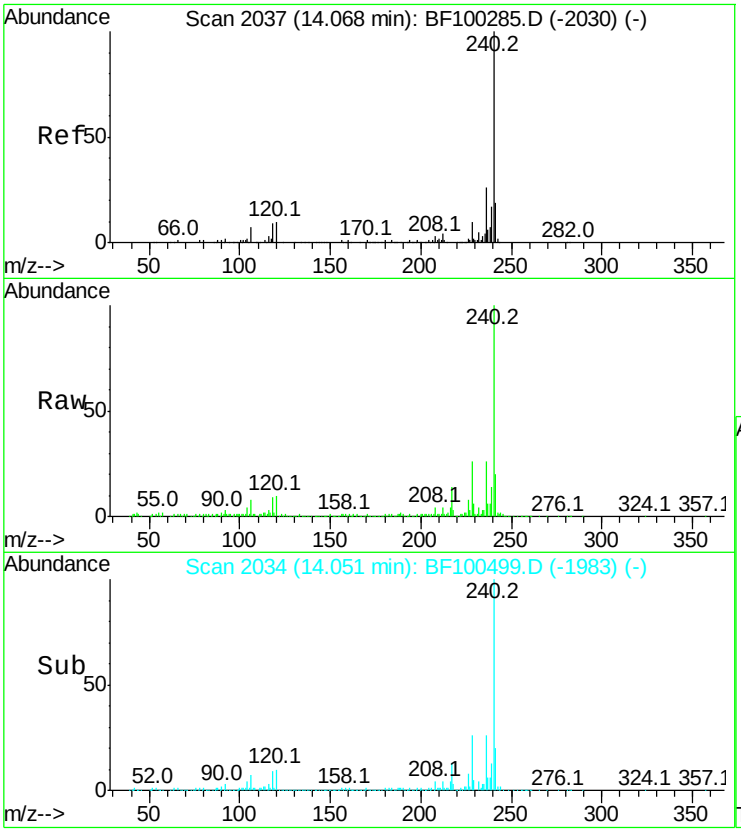


#74
Fluoranthene
Concen: 39.012 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Tgt Ion:202 Resp: 524625

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	34.1
203	17.4	0.0	38.1



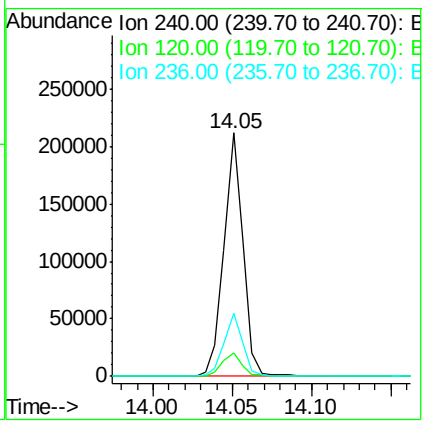


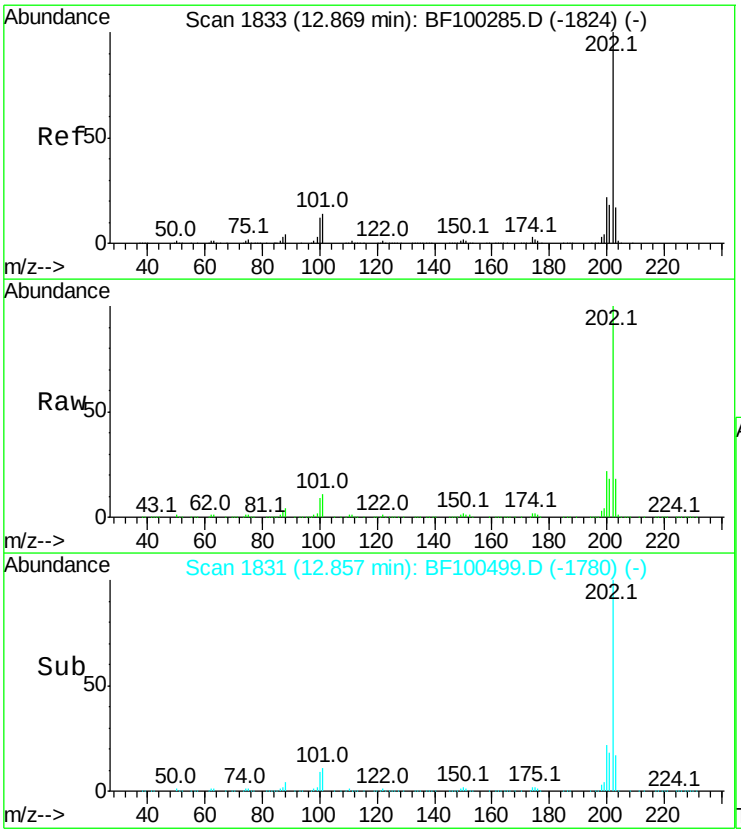
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 174386

Ion	Ratio	Lower	Upper
240	100		
120	9.7	9.5	14.3
236	26.0	20.7	31.1

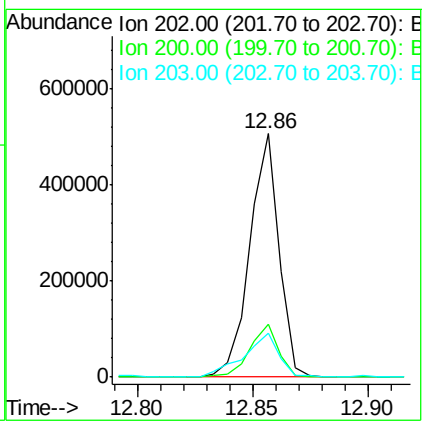


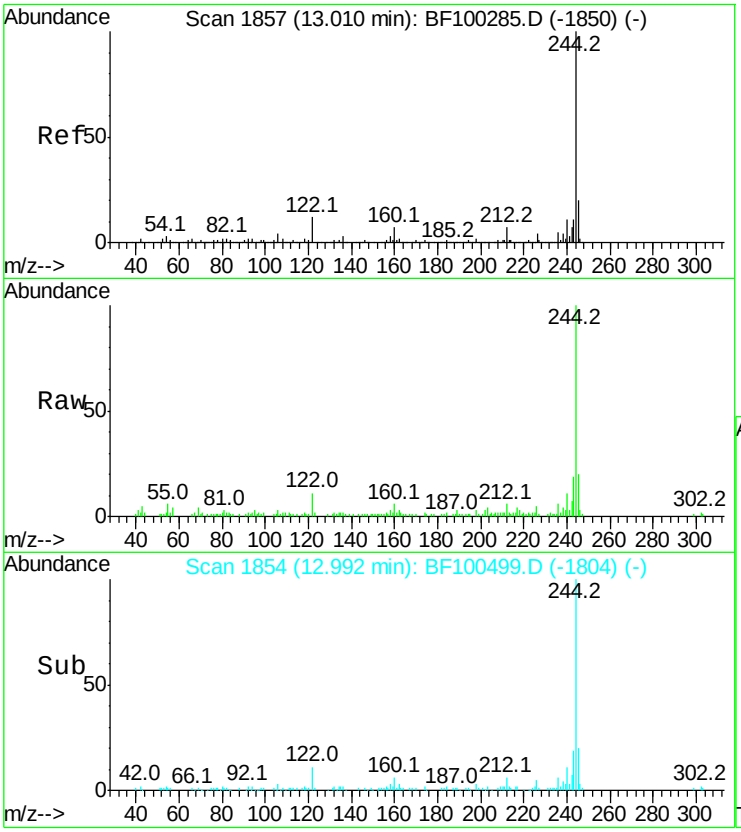


#77
Pyrene
Concen: 36.019 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Tgt Ion:202 Resp: 447744

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.8	14.3	21.5



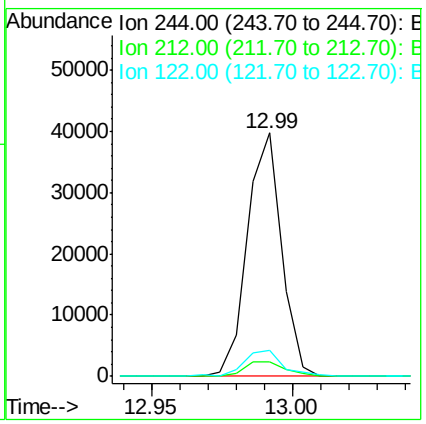


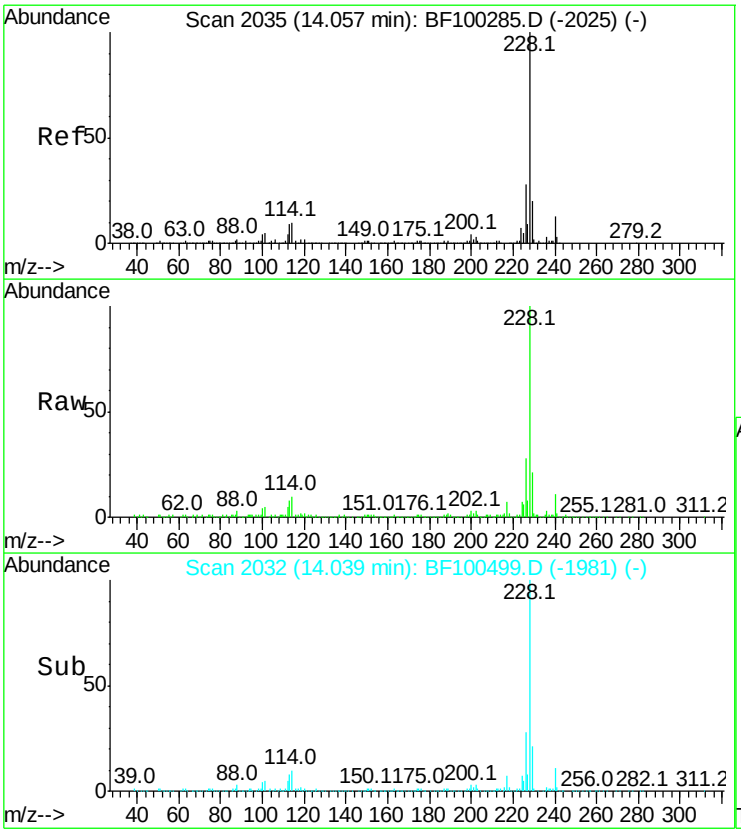
#78
Terphenyl-d14
Concen: 4.393 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 33343

Ion	Ratio	Lower	Upper
244	100		
212	5.8	5.4	8.0
122	10.7	11.0	16.4#

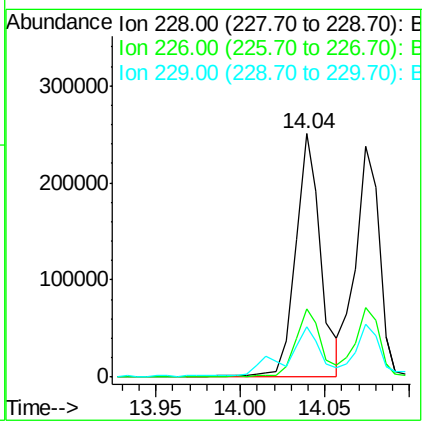


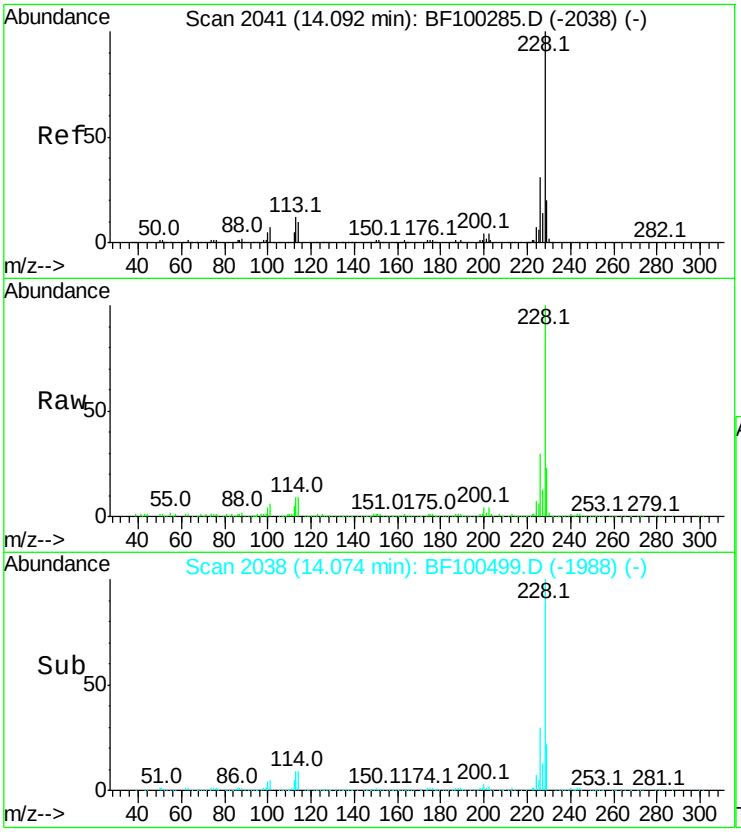


#80
Benzo(a)anthracene
Concen: 24.518 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Tgt Ion:228 Resp: 257477

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.8	15.8	23.6



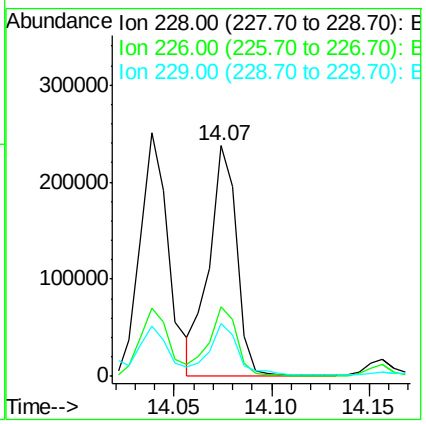


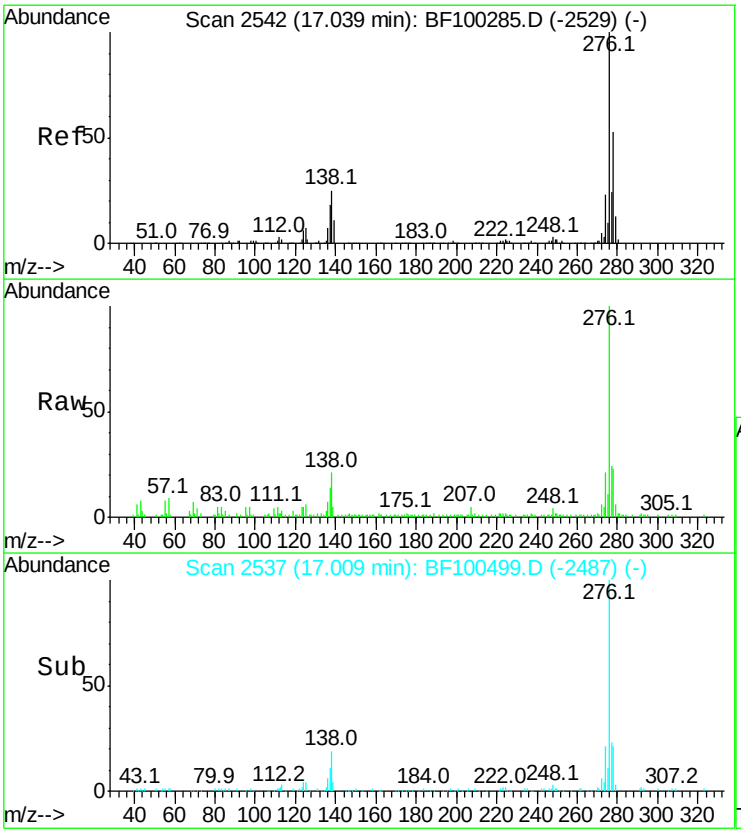
#82
Chrysene
Concen: 22.944 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 233324

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	22.9	16.2	24.4

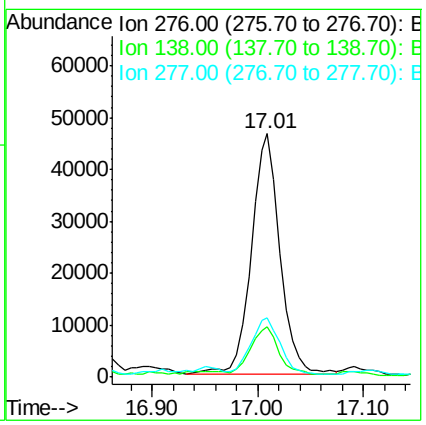


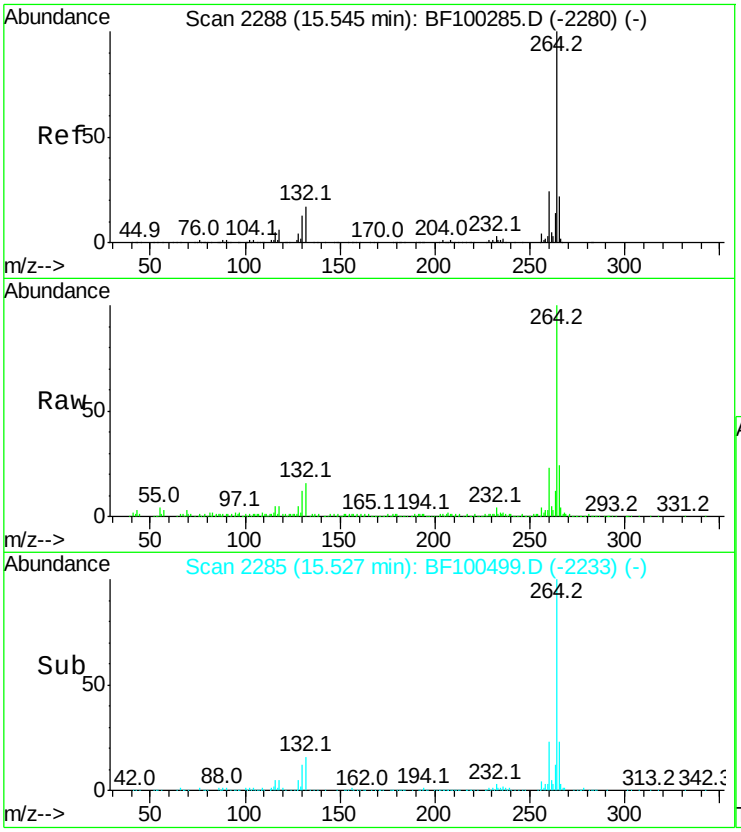


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.652 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Tgt Ion:276 Resp: 87620

Ion	Ratio	Lower	Upper
276	100		
138	21.3	25.0	37.6#
277	23.9	20.1	30.1



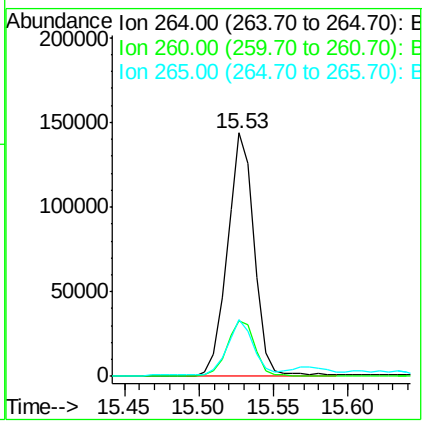


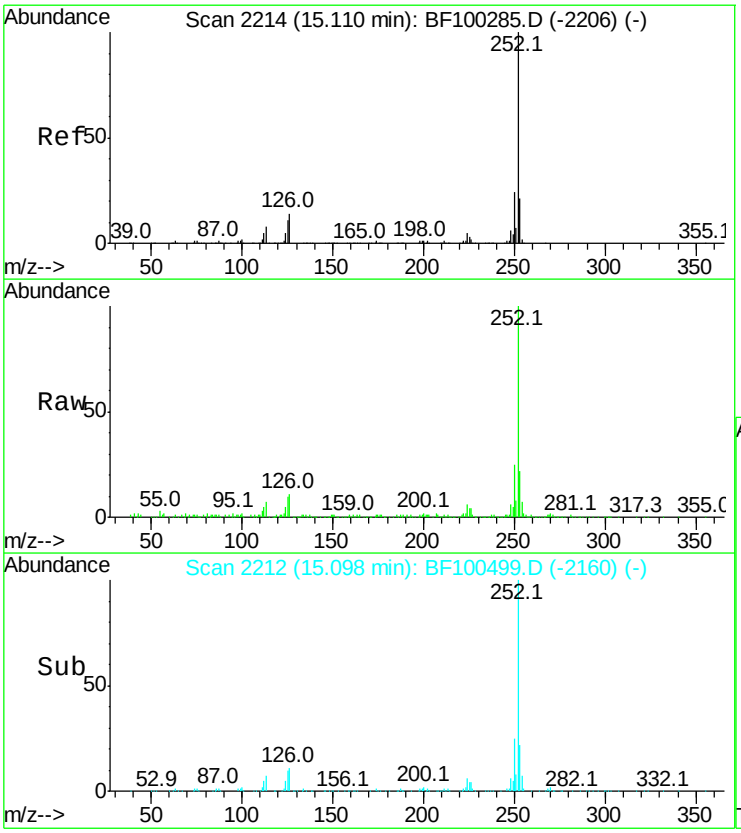
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2285
Delta R.T. 0.01 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 180296

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	23.5	17.5	26.3

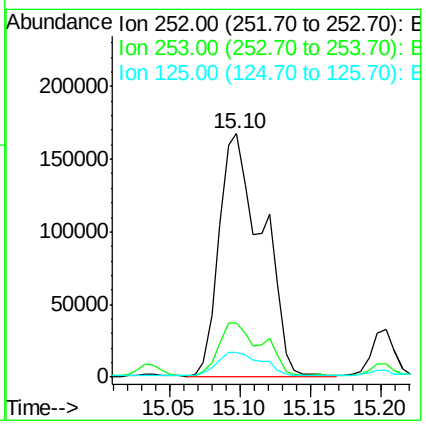


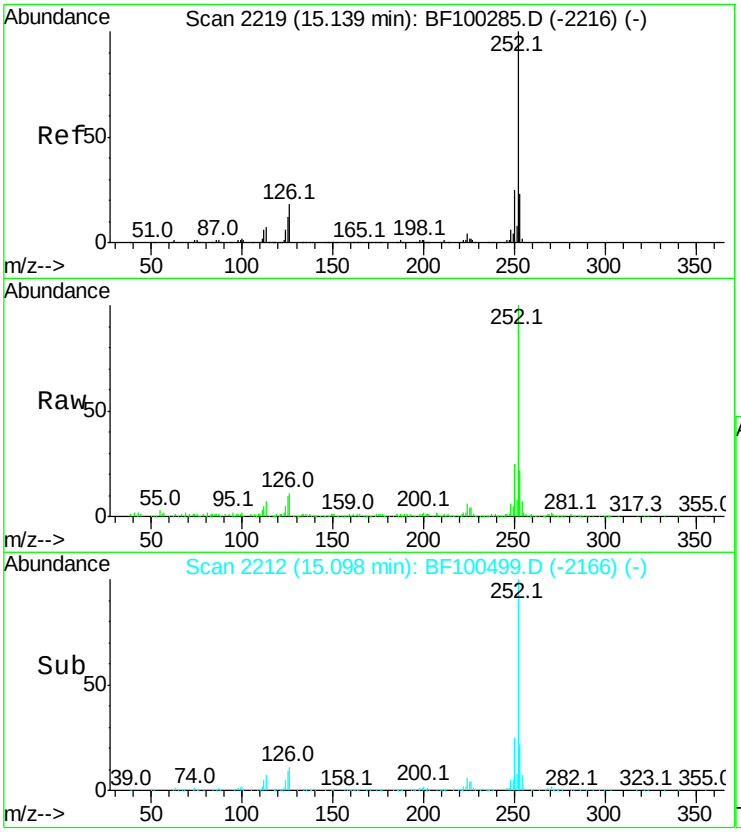


#87
Benzo(b)fluoranthene
Concen: 33.419 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Tgt Ion:252 Resp: 356972

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	10.2	9.0	13.6



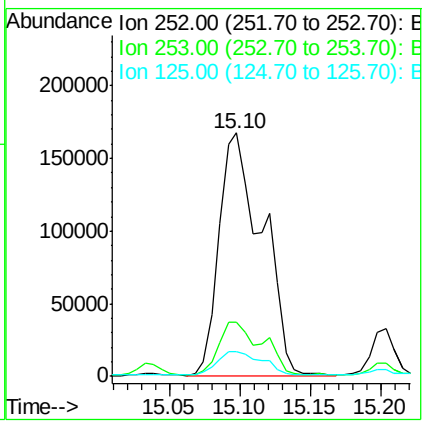


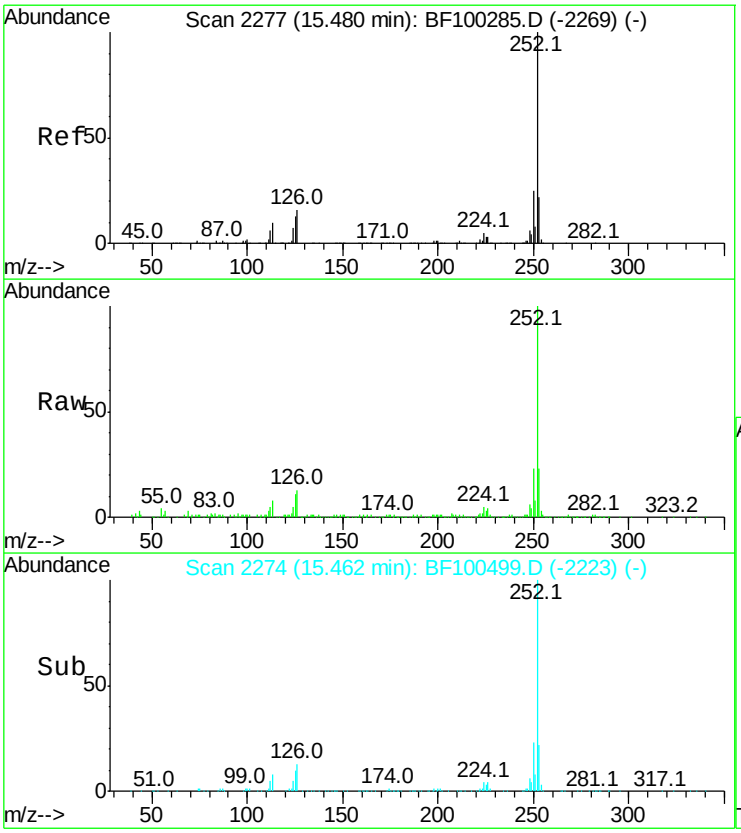
#88
Benzo(k)fluoranthene
Concen: 35.370 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.03 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 356972

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	10.2	10.2	15.2

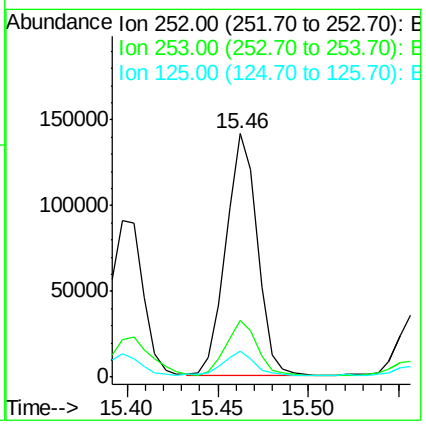


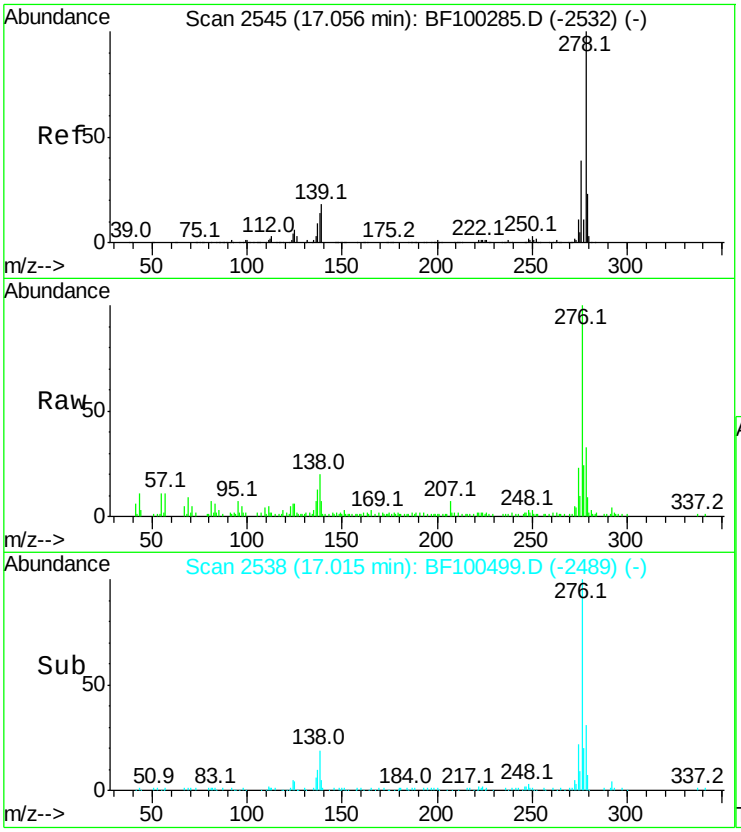


#89
Benzo(a)pyrene
Concen: 18.063 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Tgt Ion:252 Resp: 171048

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	10.9	9.8	14.6



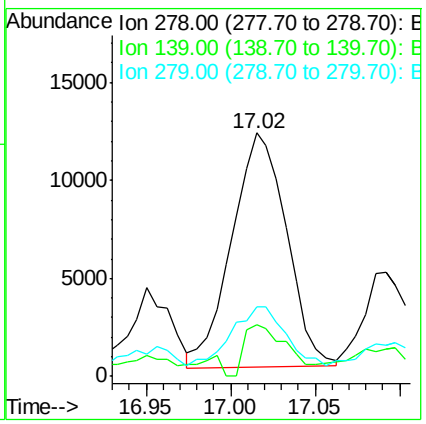


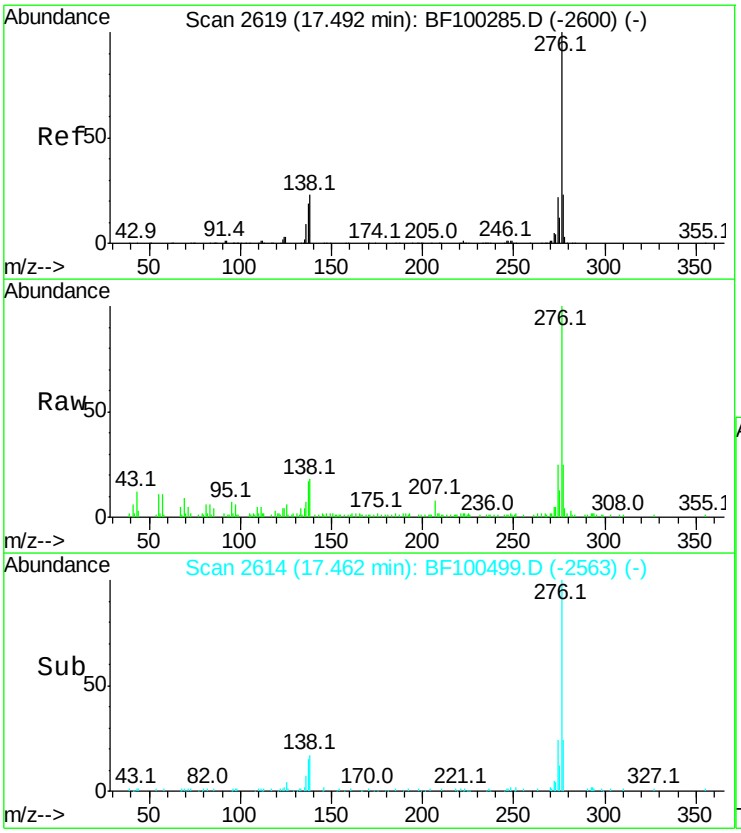
#90
Dibenzo(a,h)anthracene
Concen: 3.489 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.01 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 27017

Ion	Ratio	Lower	Upper
278	100		
139	21.3	15.9	23.9
279	28.4	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 9.394 ng
RT: 17.46 min Scan# 2614
Delta R.T. -0.00 min
Lab File: BF100499.D
Acq: 13 Nov 2017 13:41

Tgt Ion:276 Resp: 71215

Ion	Ratio	Lower	Upper
276	100		
277	24.9	17.9	26.9
138	18.4	21.8	32.8#