Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101317.D
Acq On : 12 Dec 2017 6:30
Operator : SJ/JU
Sample : I6764-10 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 12 07:13:01 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	41834	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	149585	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	61185	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	105248	20.00	ng		0.00
75) Chrysene-d12	14.02	240	82227	20.00	ng		0.02
86) Perylene-d12	15.50	264	64426	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	120743	47.69	ng		0.00
7) Phenol-d6	6.46	99	145138	47.22	ng		0.00
23) Nitrobenzene-d5	7.39	82	79166	31.57	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	28120	38.26	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	174021	38.91	ng		0.00
78) Terphenyl-d14	12.95	244	142379	37.87	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	10425	5.036	ng	#	85
25) Isophorone	7.39	82	79166	18.483	ng	#	64
31) Naphthalene	8.13	128	20618	2.797	ng		99
48) Acenaphthylene	9.73	152	134763	20.598	ng		98
49) Dimethylphthalate	9.58	163	15638	3.169	ng	#	98
50) 2,6-Dinitrotoluene	9.87	165	8346	8.030	ng	#	24
51) Acenaphthene	9.90	154	10128	2.585	ng		97
54) Dibenzofuran	10.07	168	12489	2.212	ng	#	96
55) 4-Nitrophenol	10.07	139	4455	5.652	ng	#	9
57) Fluorene	10.42	166	16514	3.598	ng		98
70) Phenanthrene	11.39	178	331592	57.211	ng		98
71) Anthracene	11.44	178	113556	19.358	ng		96
72) Carbazole	11.60	167	41146	7.677	ng		99
74) Fluoranthene	12.59	202	807828	125.737	ng		96
77) Pyrene	12.83	202	771611	135.993	ng		99
80) Benzo(a)anthracene	14.01	228	404807	77.972	ng		96
82) Chrysene	14.05	228	370103	76.759	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	16722	4.688	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.00	276	197644	46.107	ng	#	88
87) Benzo(b)fluoranthene	15.07	252	593931	153.910	ng		97
88) Benzo(k)fluoranthene	15.07	252	593931	156.218	ng		98
89) Benzo(a)pyrene	15.44	252	297219	84.720	ng		97
90) Dibenzo(a,h)anthracene	17.00	278	49990	16.163	ng	#	76
91) Benzo(g,h,i)perylene	17.46	276	189758	65.103	ng	#	90

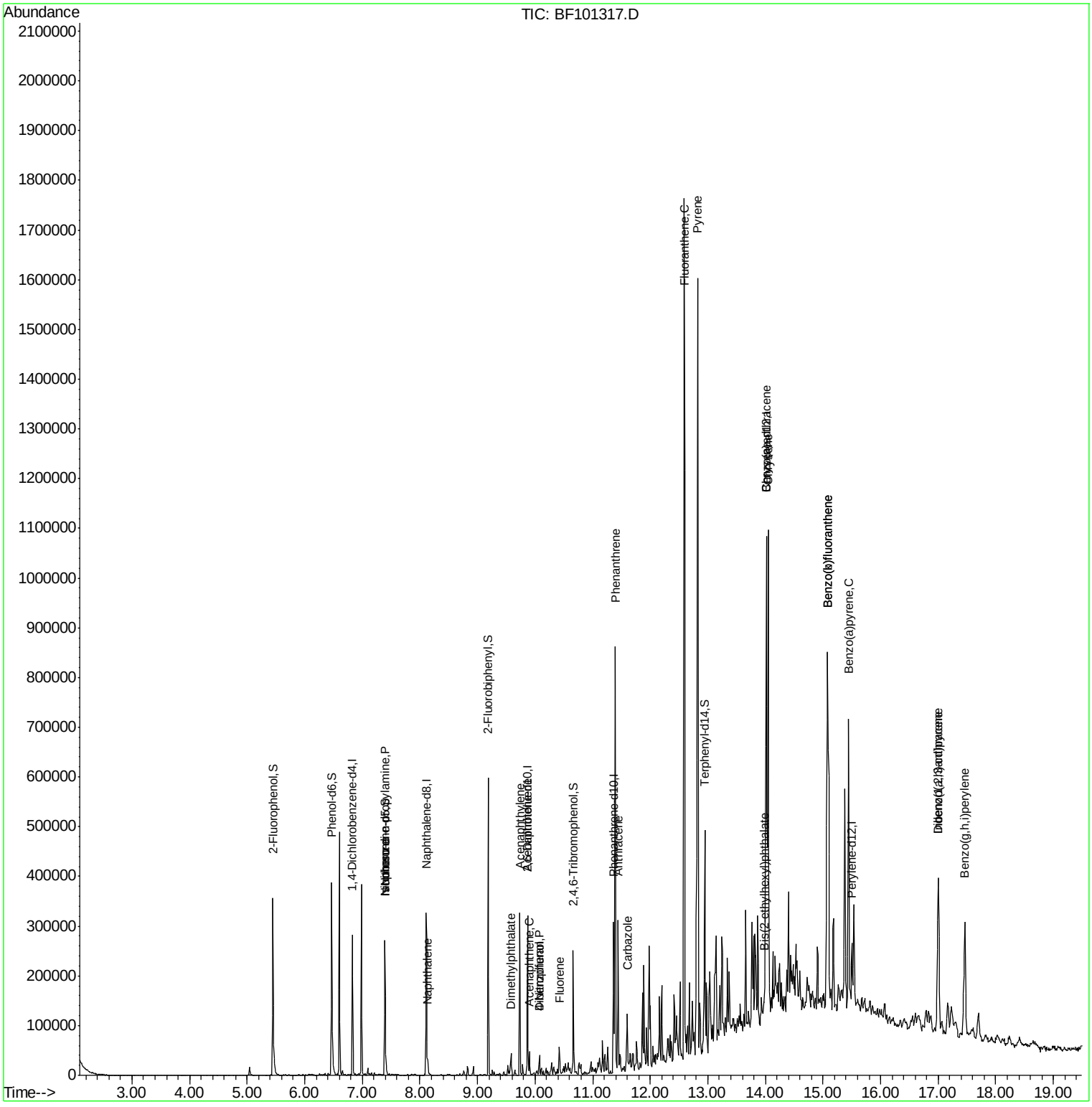
(#) = qualifier out of range (m) = manual integration (+) = signals summed

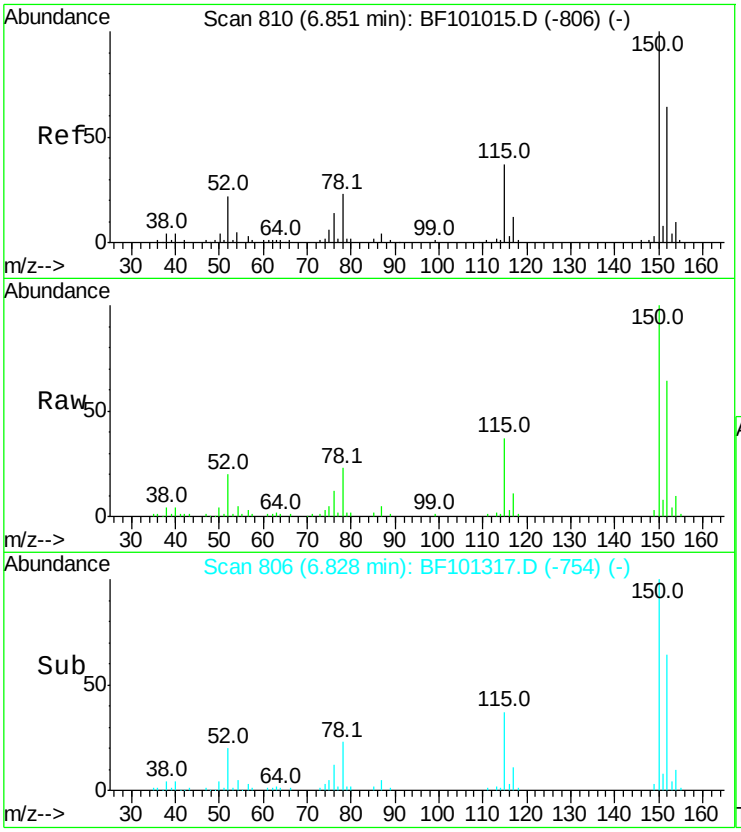
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121117\
Data File : BF101317.D
Acq On : 12 Dec 2017 6:30
Operator : SJ/JU
Sample : I6764-10 2X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 12 07:13:01 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



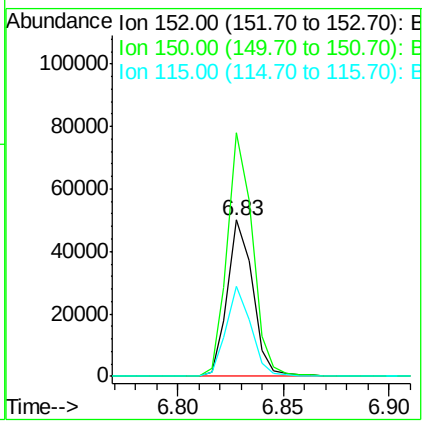


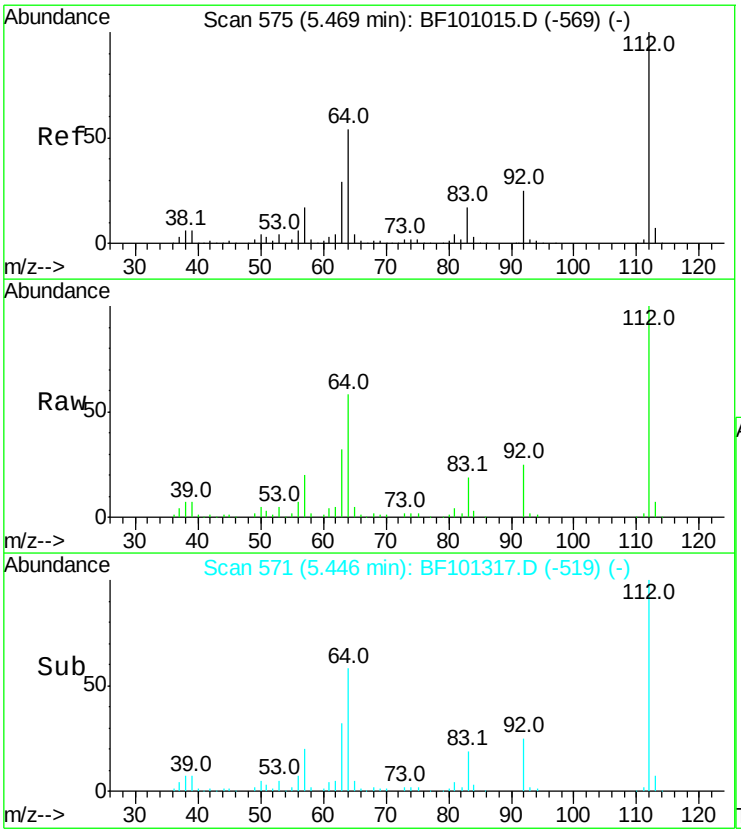
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 41834

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	57.3	50.1	75.1

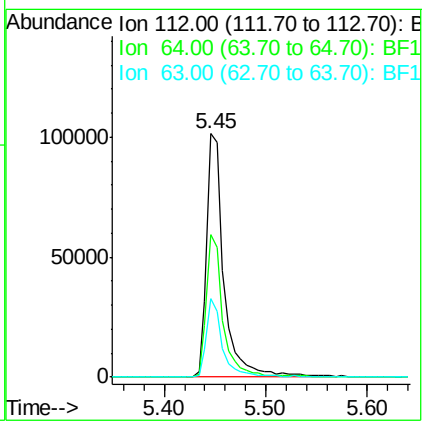


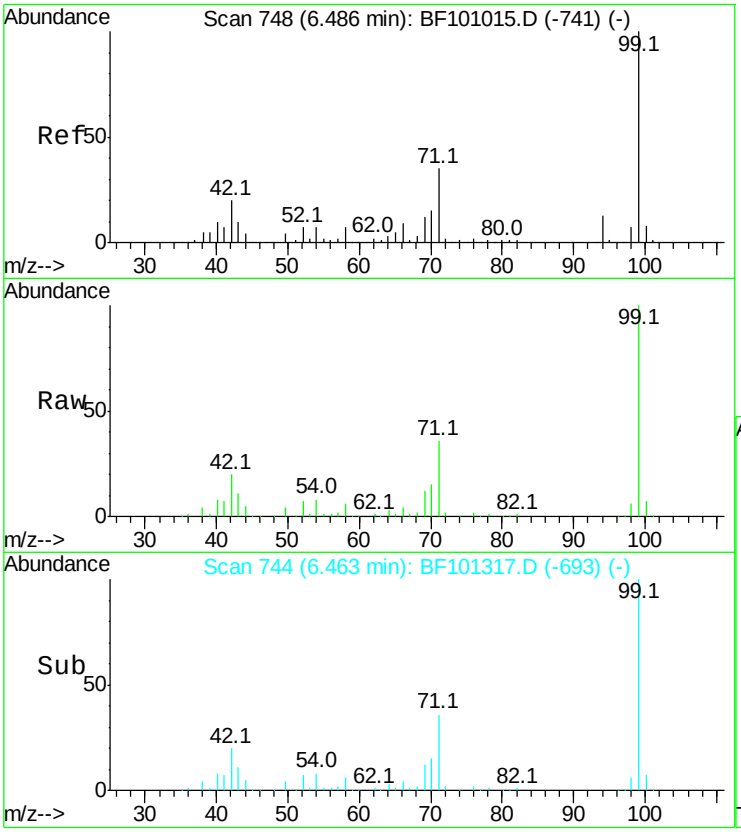


#5
2-Fluorophenol
Concen: 47.694 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Tgt Ion:112 Resp: 120743

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	32.1	23.7	35.5



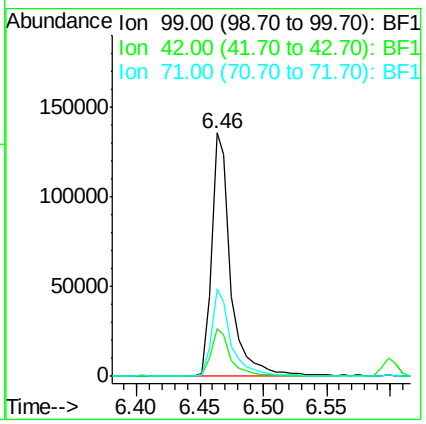


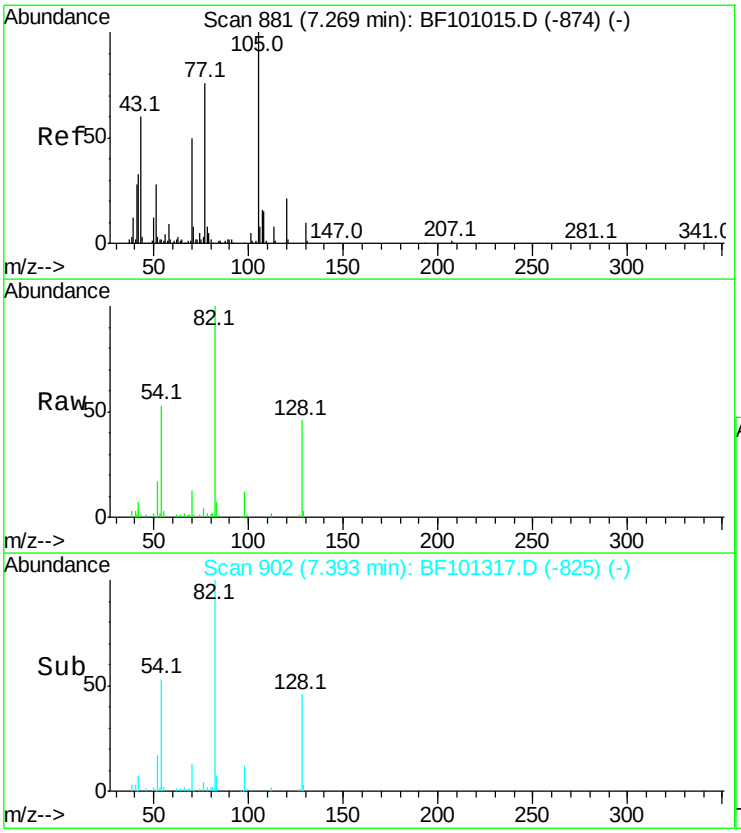
#7
Phenol-d6
Concen: 47.220 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 145138

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	36.2	25.4	38.0

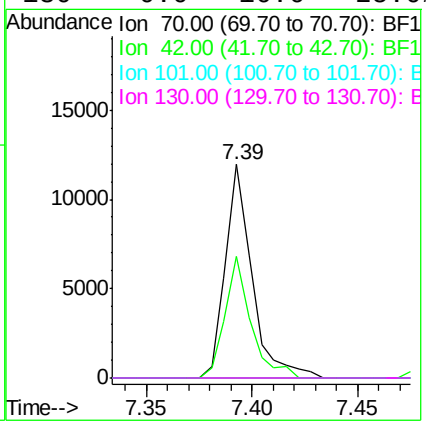


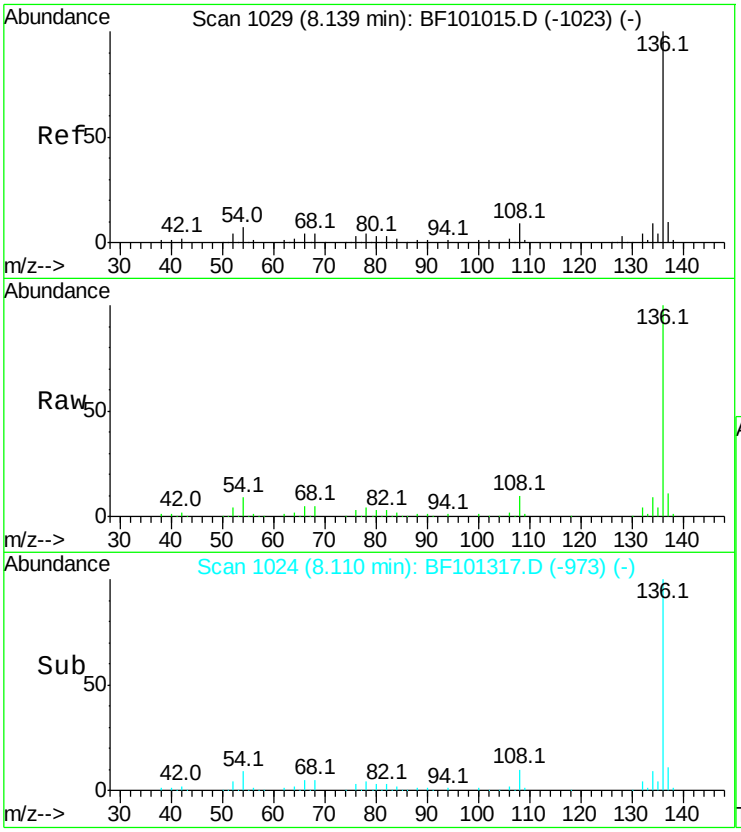


#19
n-Nitroso-di-n-propylamine
Concen: 5.036 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.15 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Tgt Ion: 70 Resp: 10425

Ion	Ratio	Lower	Upper
70	100		
42	57.1	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



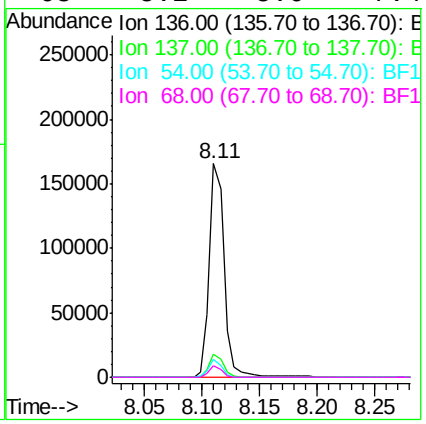


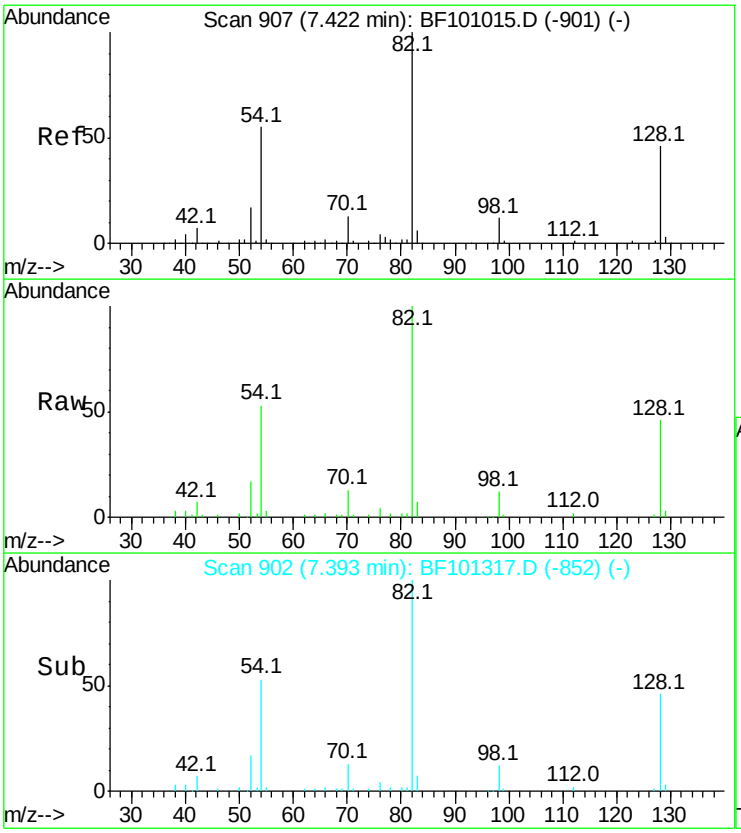
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 149585

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.6	6.6	9.8
68	5.2	5.0	7.4

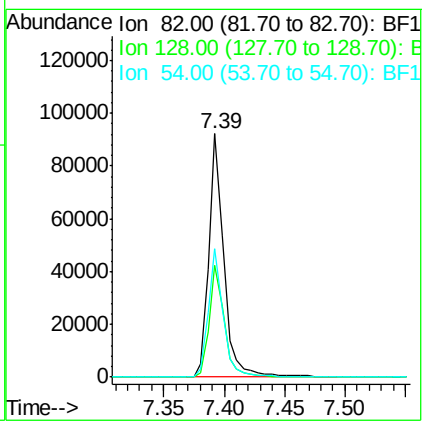


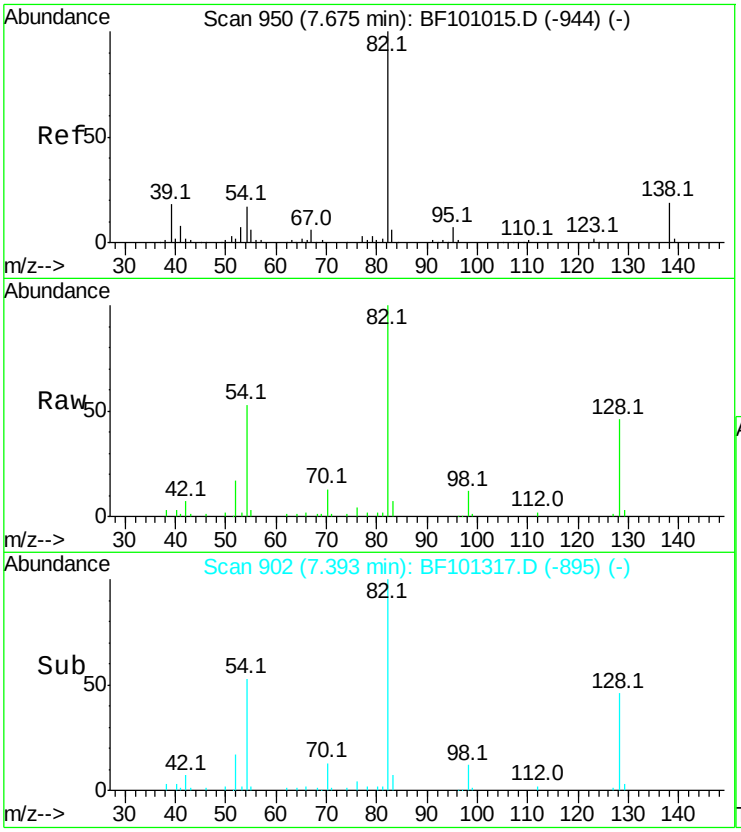


#23
Nitrobenzene-d5
Concen: 31.571 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Tgt Ion: 82 Resp: 79166

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	52.8	41.4	62.2

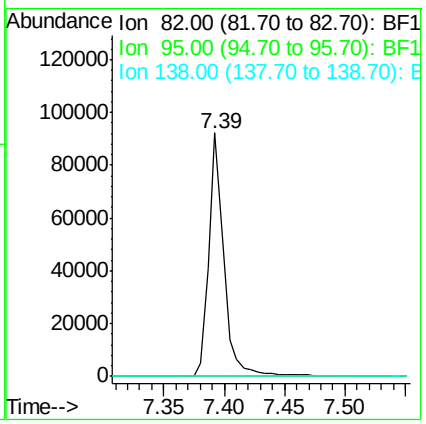




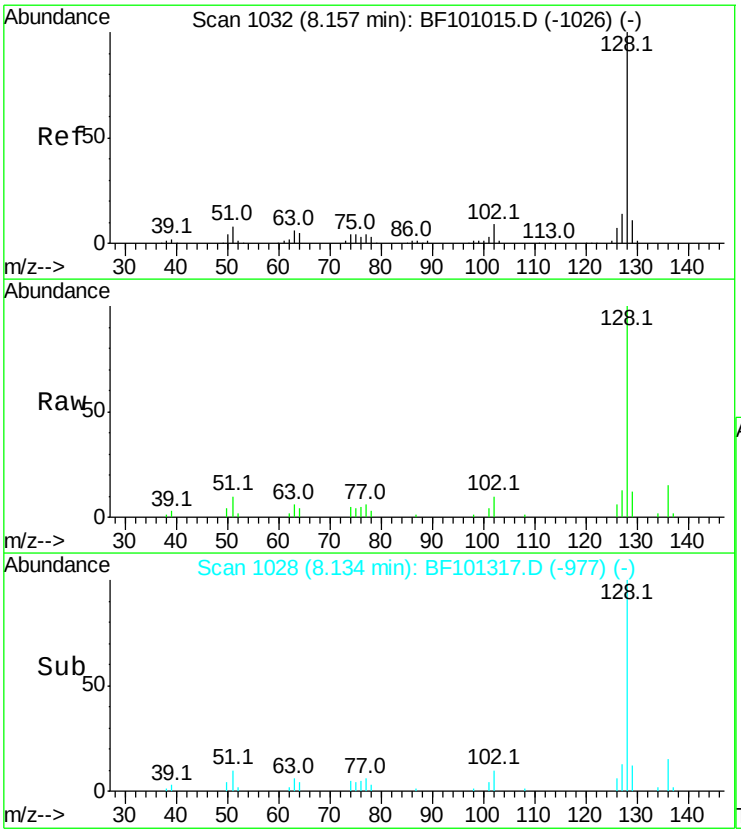
#25
Isophorone
Concen: 18.483 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.26 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Tgt Ion: 82 Resp: 79166

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



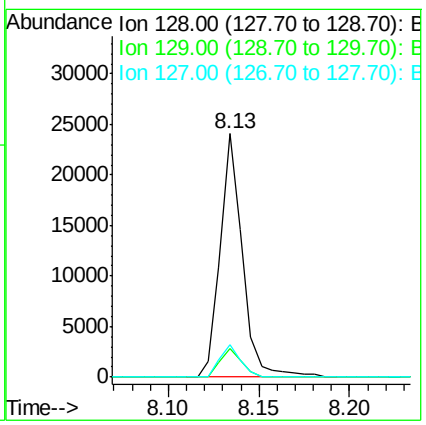
Instrument :
BNA_F
ClientSampleId :

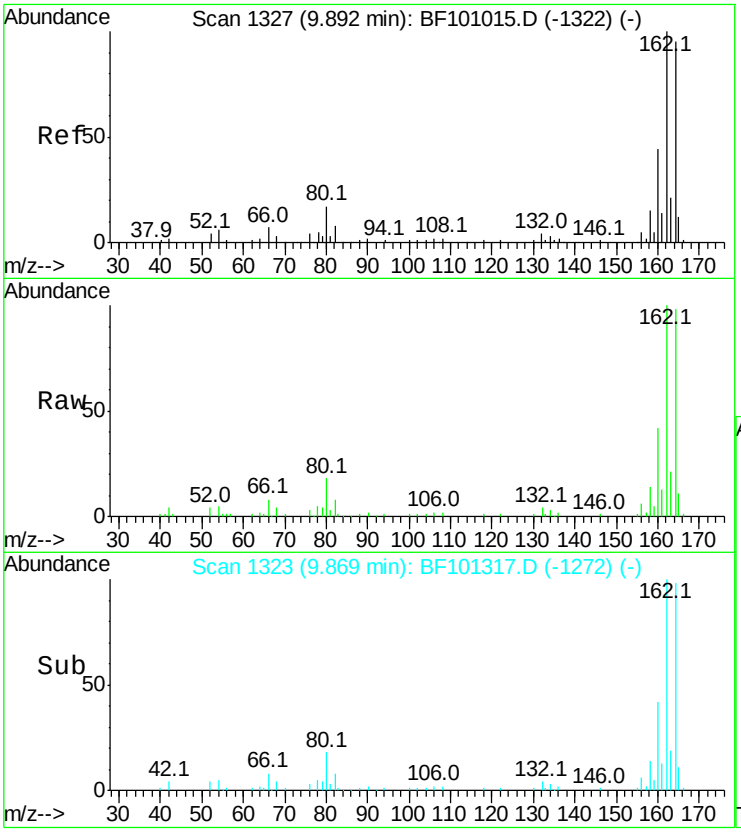


#31
Naphthalene
Concen: 2.797 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Tgt Ion:128 Resp: 20618

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.8	13.2
127	13.4	10.9	16.3



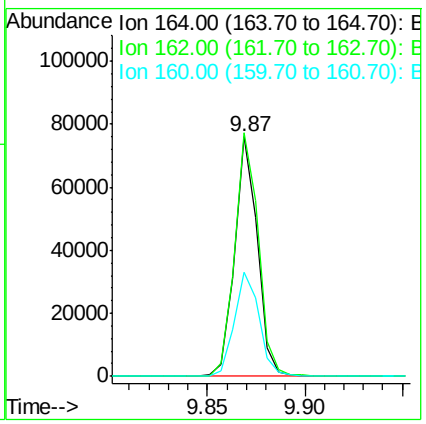


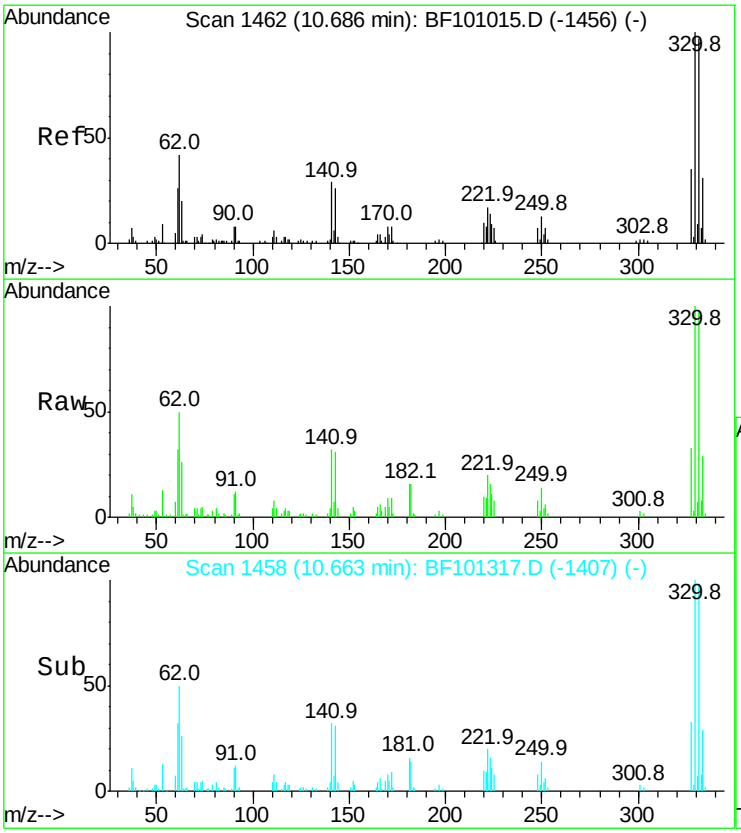
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 61185

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	43.3	38.3	57.5

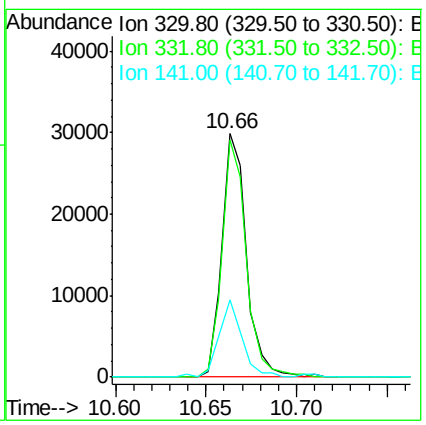


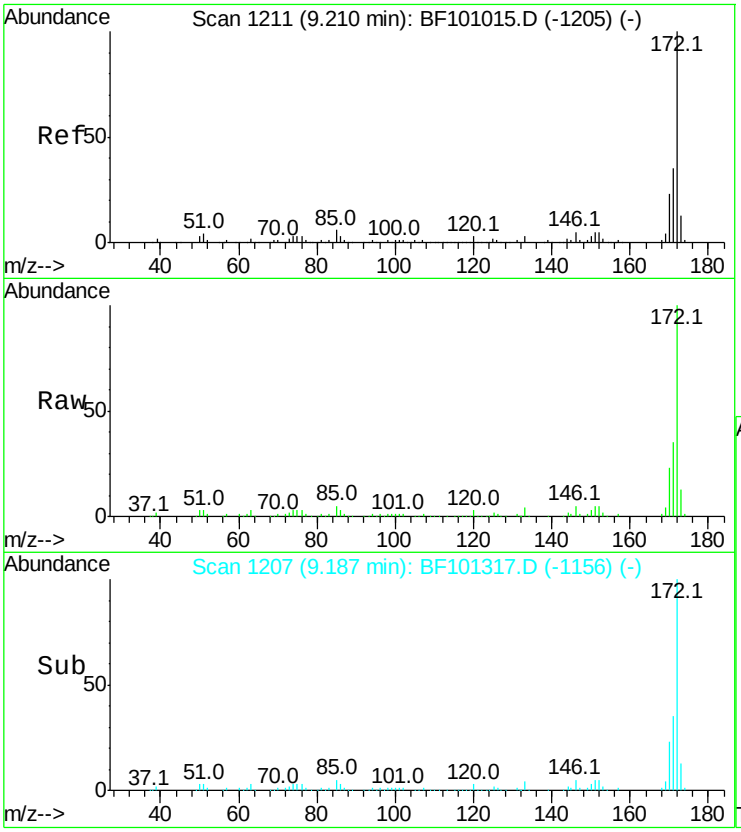


#41
2,4,6-Tribromophenol
Concen: 38.258 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Tgt Ion:330 Resp: 28120

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	30.2	29.9	44.9



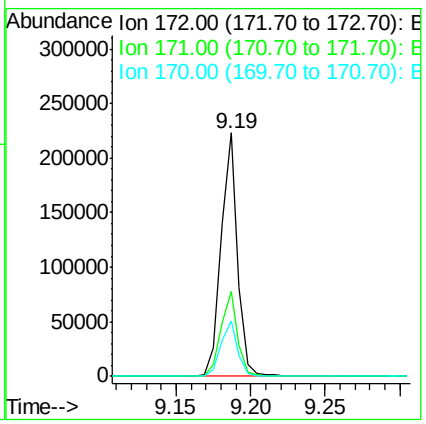


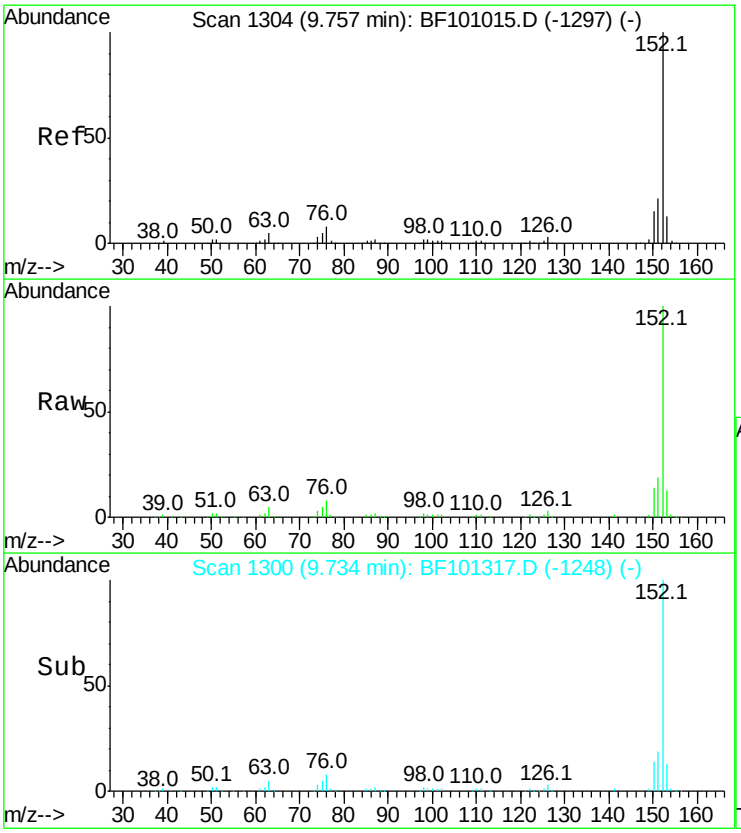
#44
2-Fluorobiphenyl
Concen: 38.914 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 174021

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	22.8	19.6	29.4

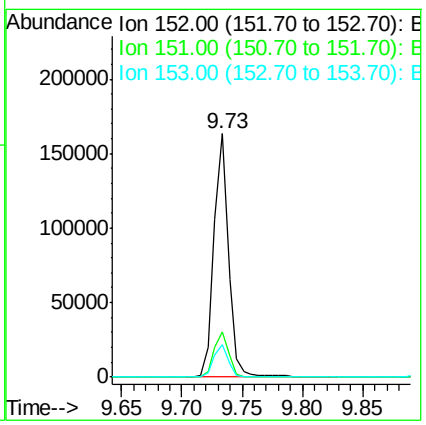


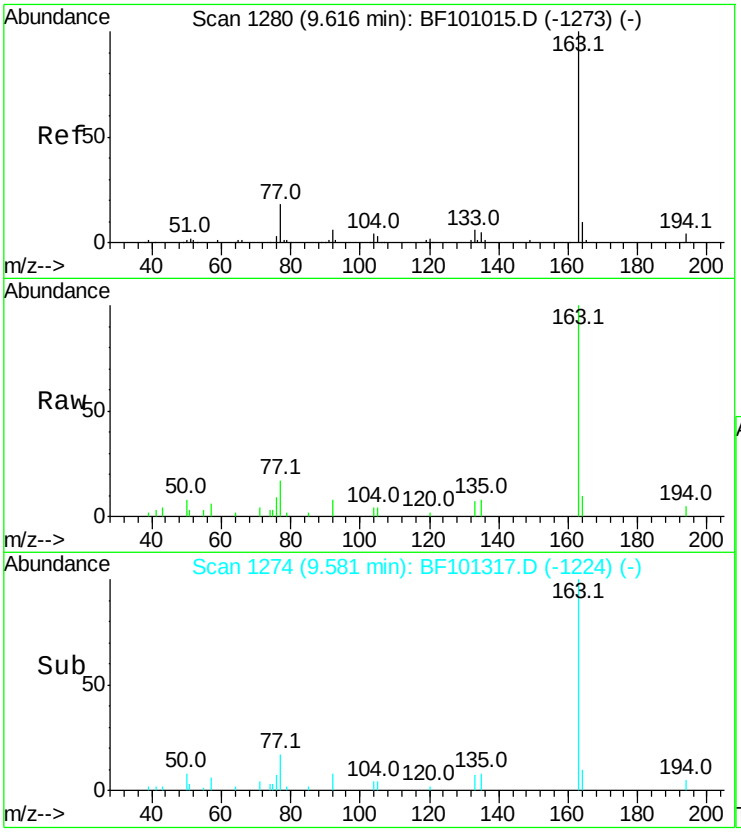


#48
Acenaphthylene
Concen: 20.598 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Tgt Ion:152 Resp: 134763

Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.3	24.5
153	13.3	10.7	16.1



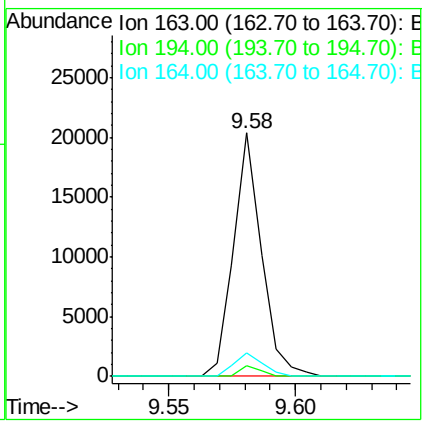


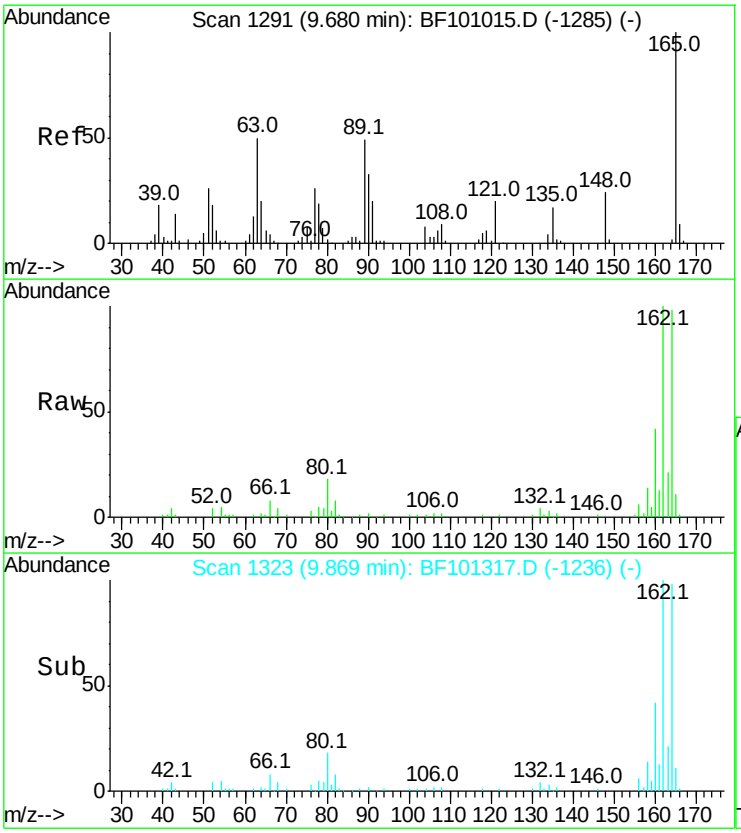
#49
Dimethylphthalate
Concen: 3.169 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 15638

Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.7	4.1#
164	9.6	8.2	12.2

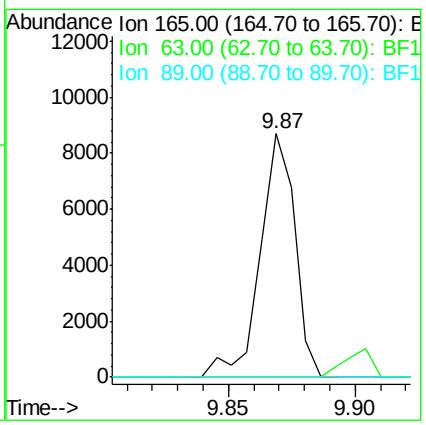


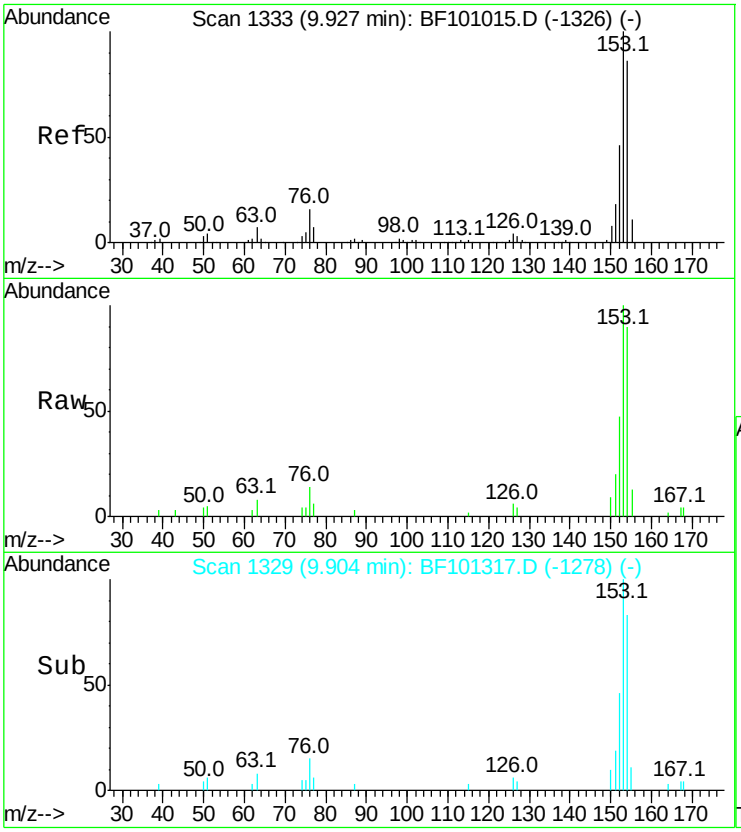


#50
2,6-Dinitrotoluene
Concen: 8.030 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.21 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Tgt Ion:165 Resp: 8346

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



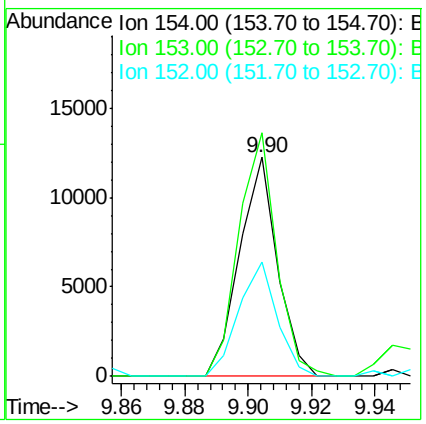


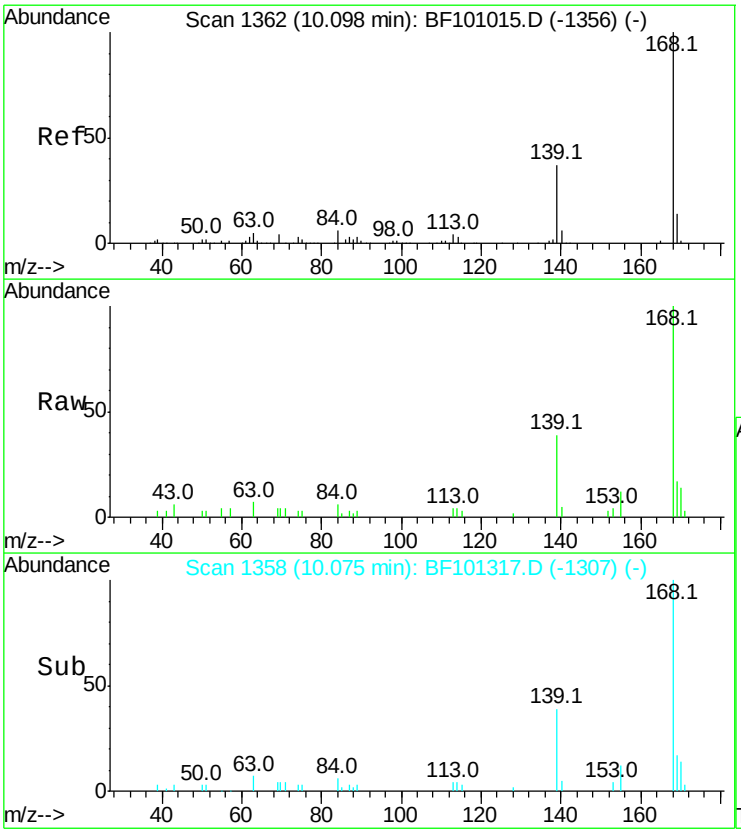
#51
Acenaphthene
Concen: 2.585 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 10128

Ion	Ratio	Lower	Upper
154	100		
153	111.3	91.2	136.8
152	52.4	43.8	65.8

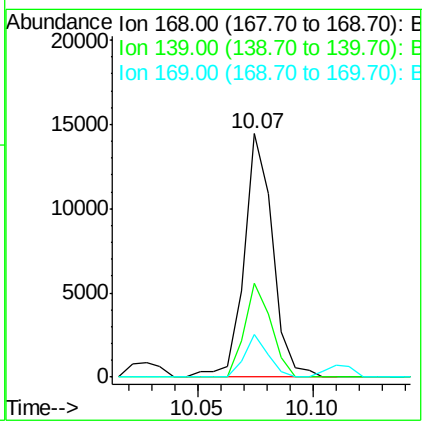


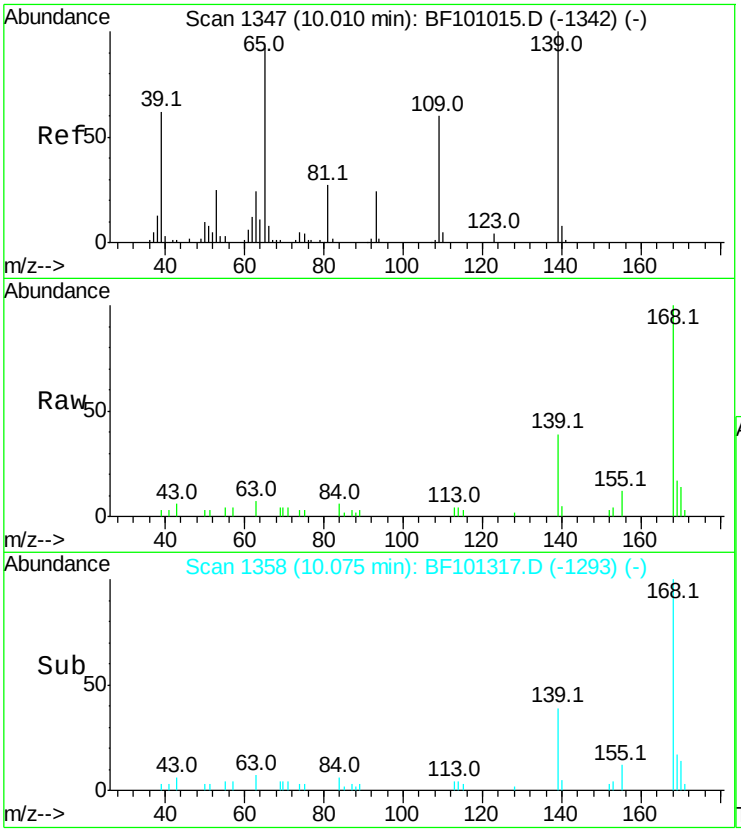


#54
Dibenzofuran
Concen: 2.212 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Tgt Ion:168 Resp: 12489

Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.1	45.1
169	17.4	10.9	16.3#



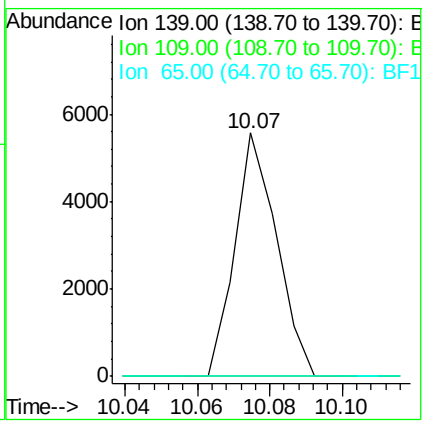


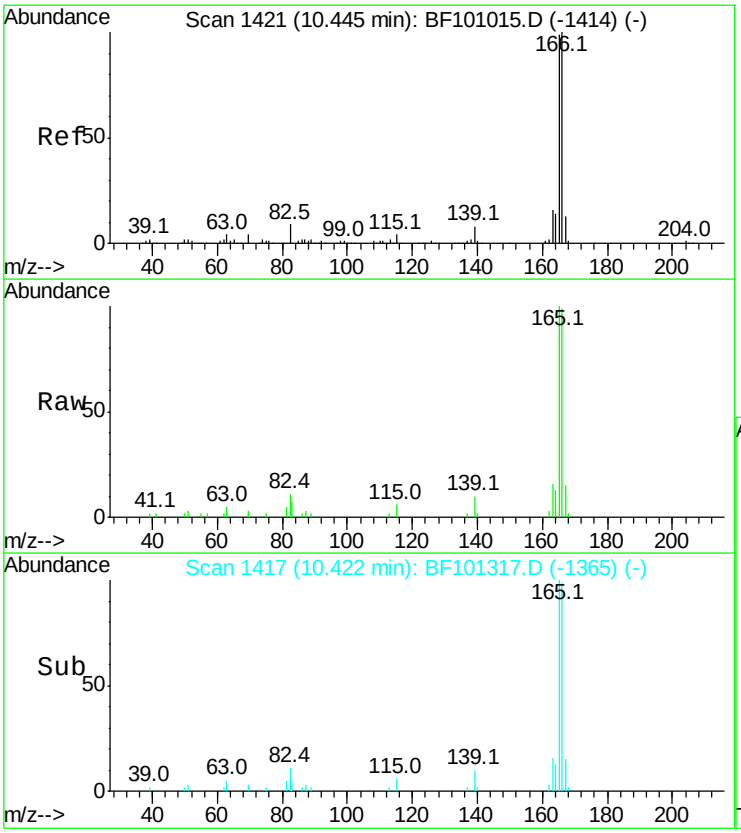
#55
4-Nitrophenol
Concen: 5.652 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.08 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 4455

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

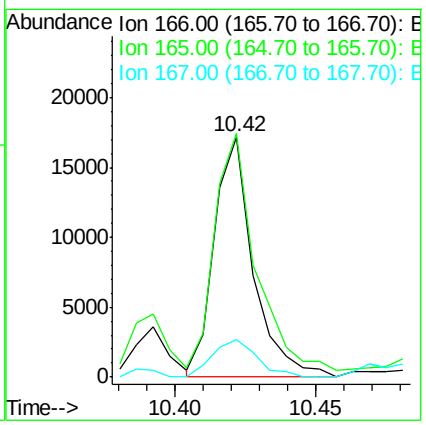


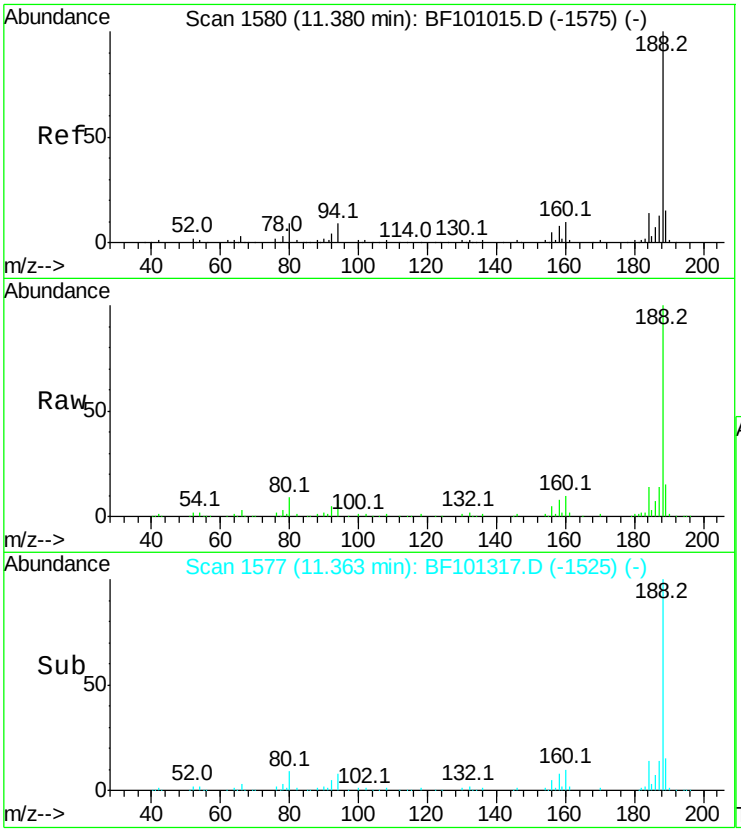


#57
Fluorene
Concen: 3.598 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Tgt Ion:166 Resp: 16514

Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.8	119.8
167	15.5	10.6	16.0



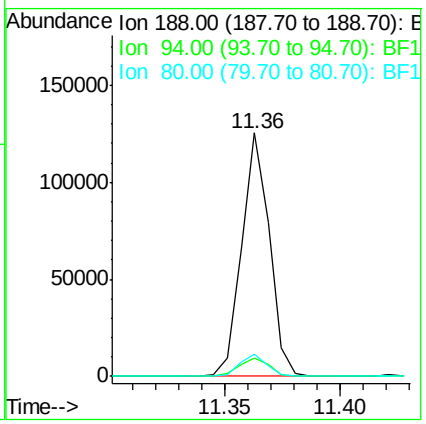


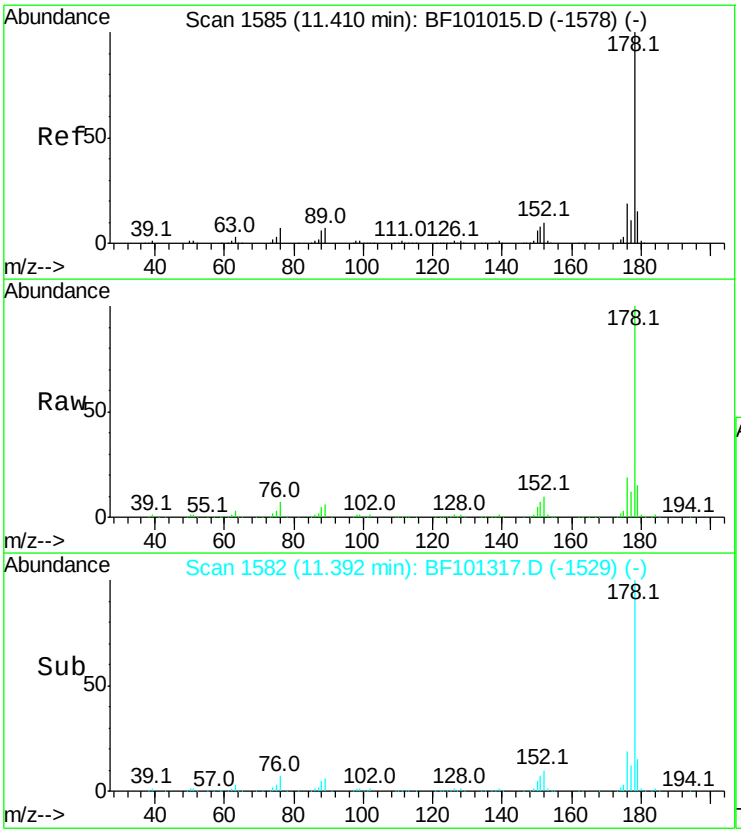
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 105248

Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	9.2	9.2	13.8#

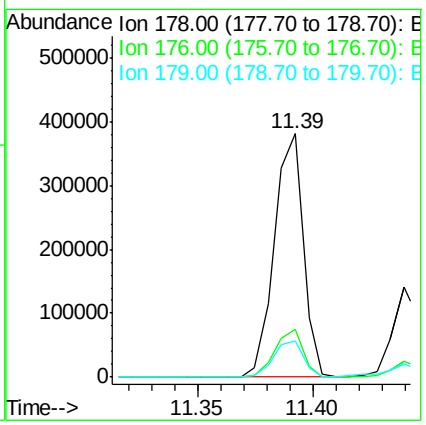


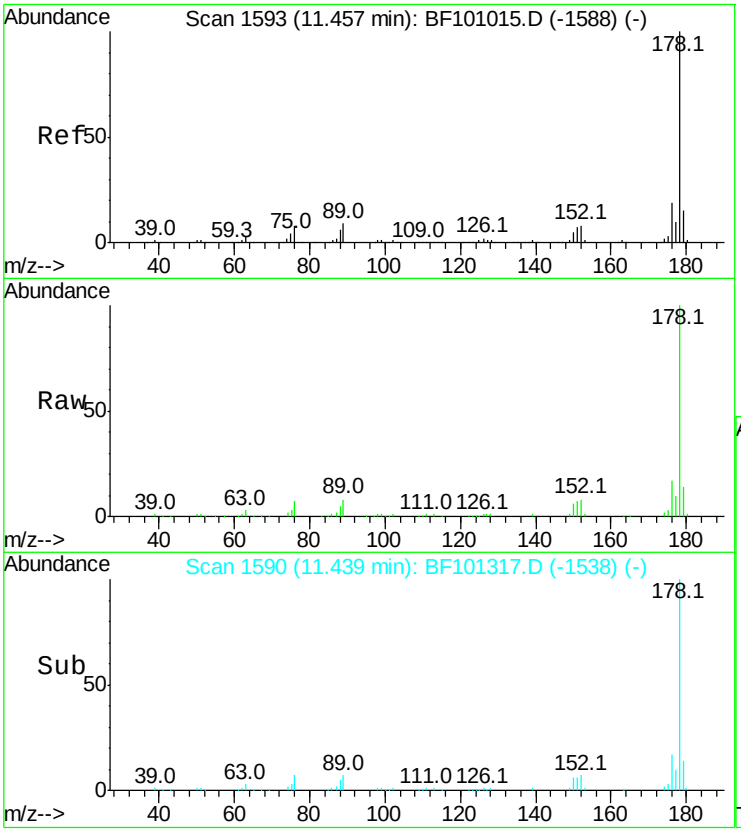


#70
Phenanthrene
Concen: 57.211 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Tgt Ion:178 Resp: 331592

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	14.7	13.0	19.6



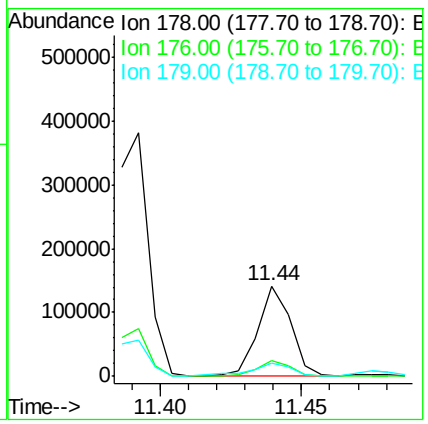


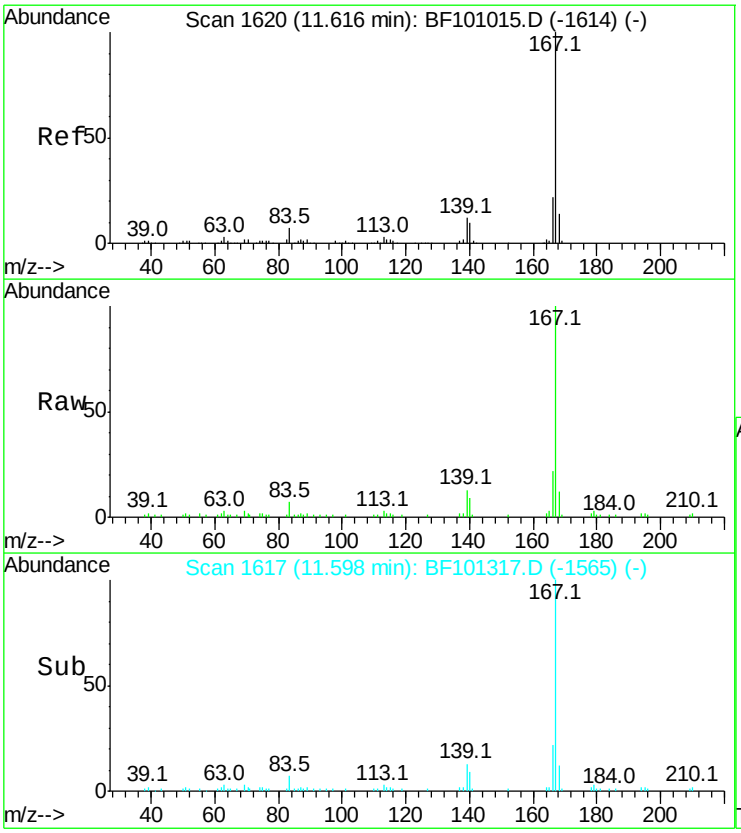
#71
Anthracene
Concen: 19.358 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 113556

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.4	23.2
179	14.3	12.6	19.0

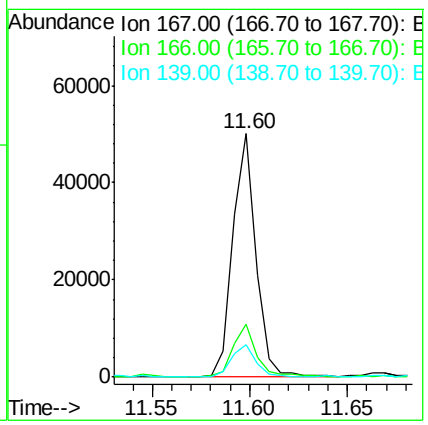


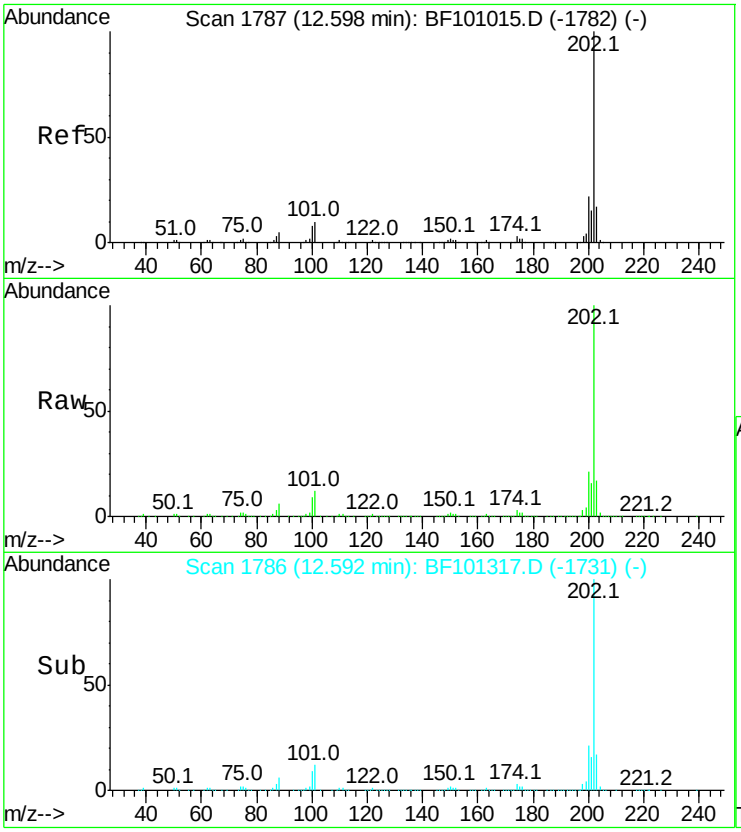


#72
Carbazole
Concen: 7.677 ng
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Tgt Ion:167 Resp: 41146

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	13.1	10.9	16.3



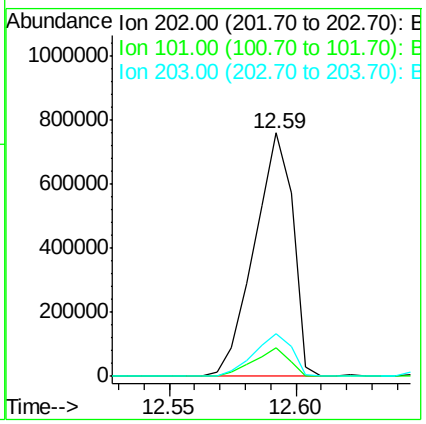


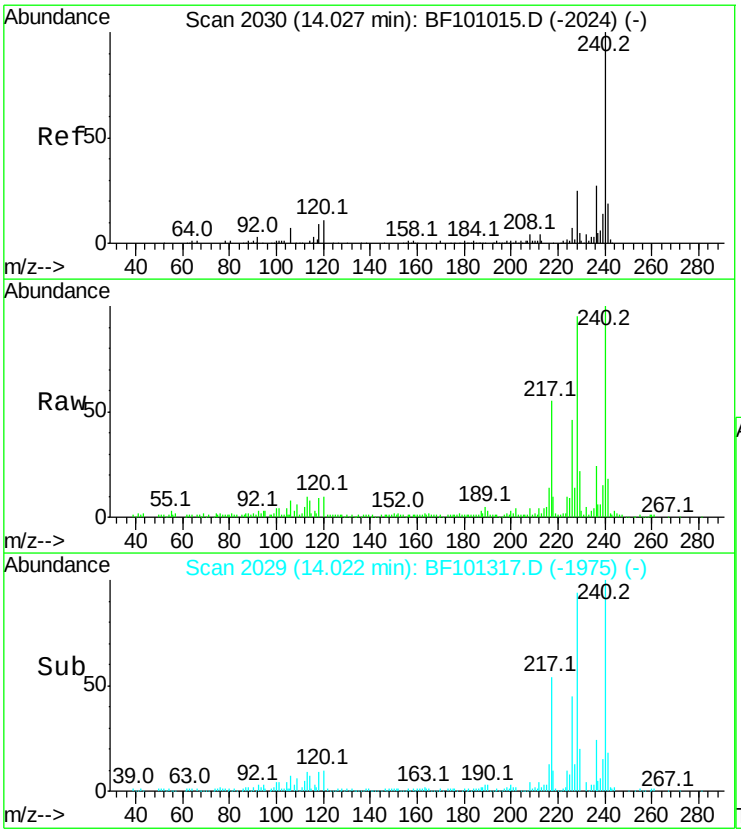
#74
Fluoranthene
Concen: 125.737 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.02 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 807828

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	34.1
203	17.4	0.0	38.1

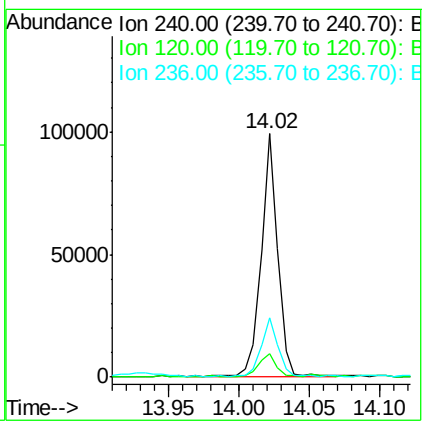


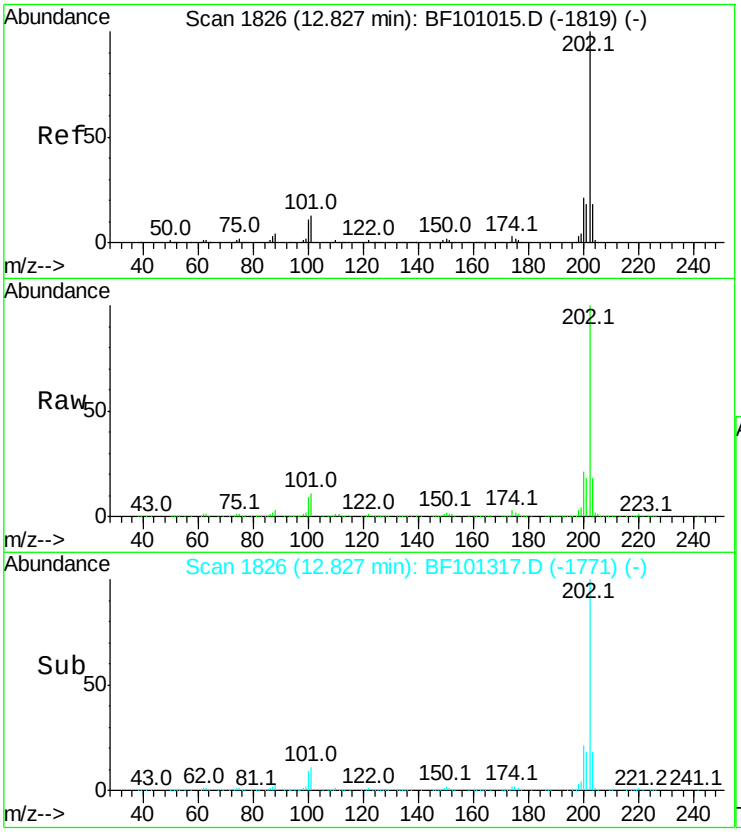


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.02 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Tgt Ion:240 Resp: 82227

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.5	14.3
236	24.4	20.7	31.1



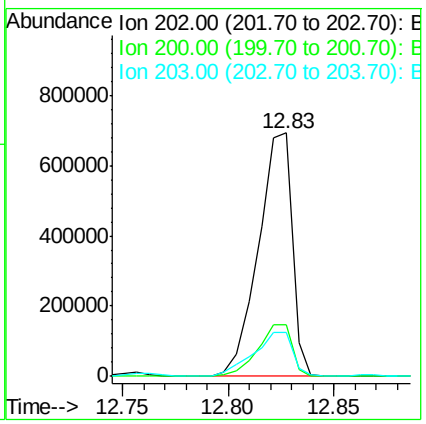


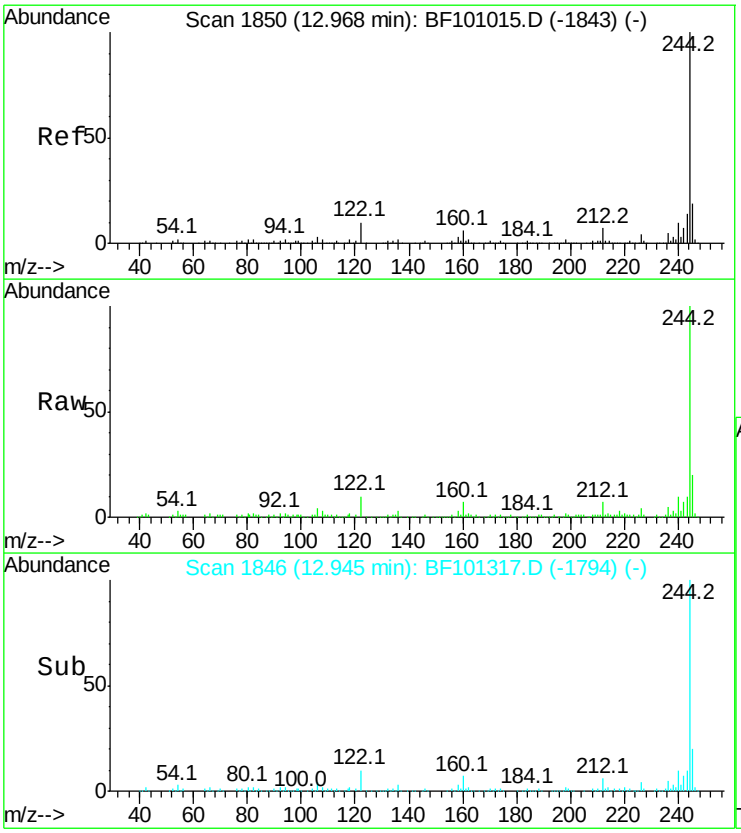
#77
Pyrene
Concen: 135.993 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.02 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 771611

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.1	14.3	21.5

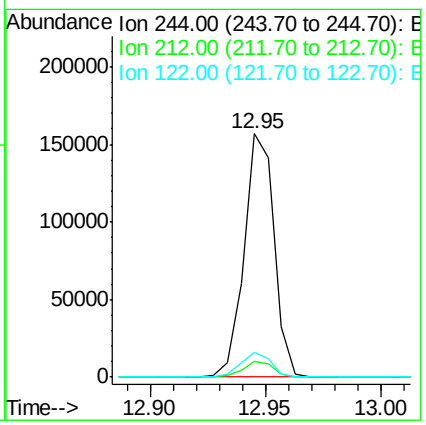


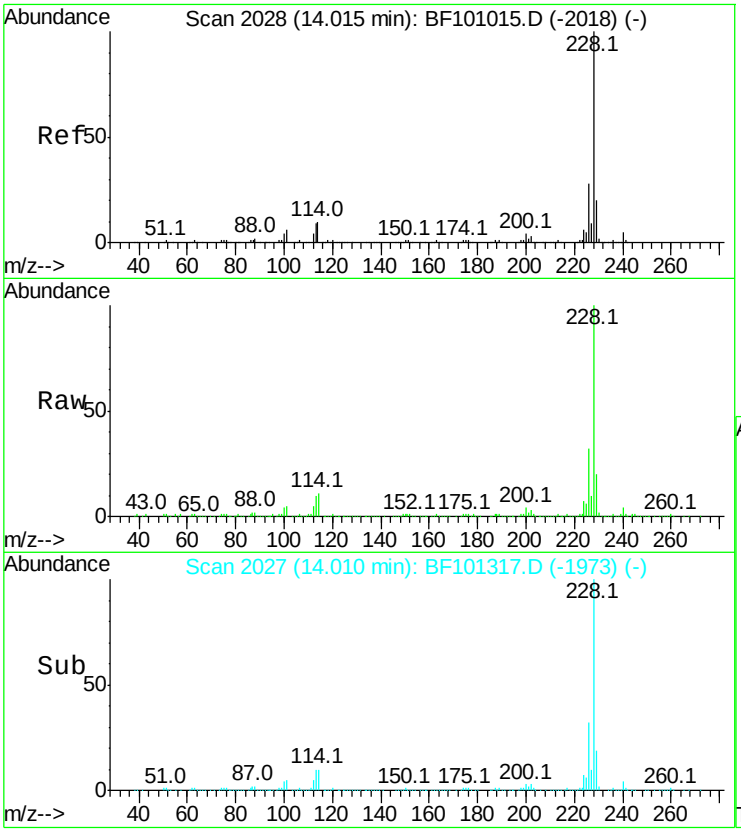


#78
Terphenyl-d14
Concen: 37.873 ng
RT: 12.95 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Tgt Ion:244 Resp: 142379

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.2	11.0	16.4#



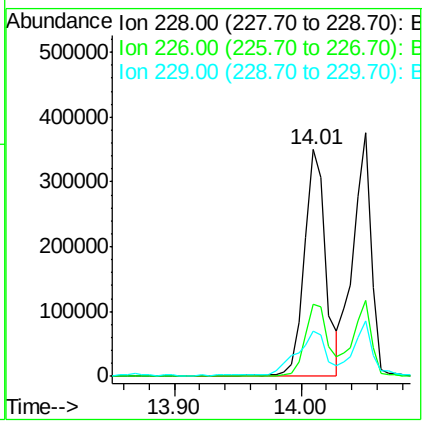


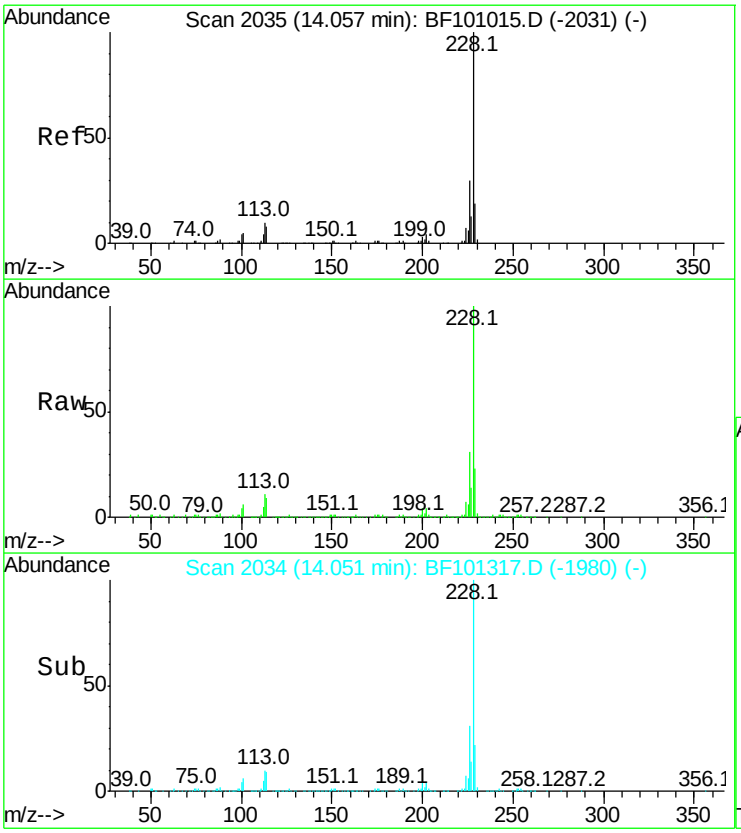
#80
Benzo(a)anthracene
Concen: 77.972 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.02 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 404807

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.6	33.8
229	19.9	15.8	23.6

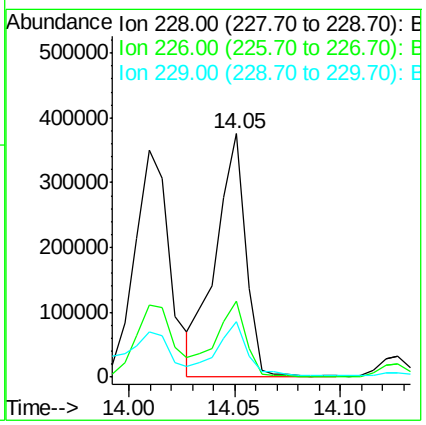


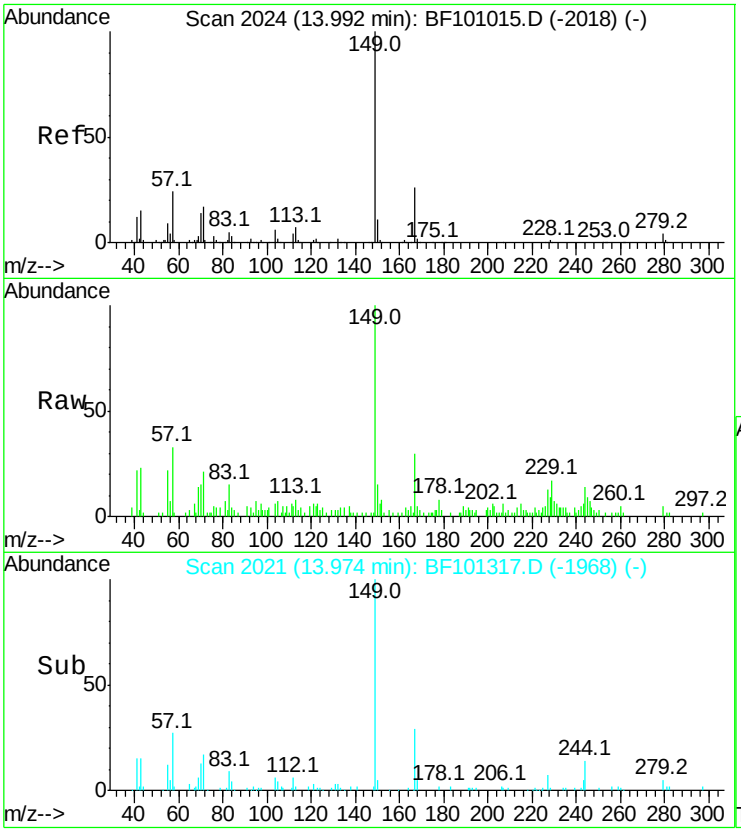


#82
Chrysene
Concen: 76.759 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.02 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Tgt Ion:228 Resp: 370103

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	22.7	16.2	24.4



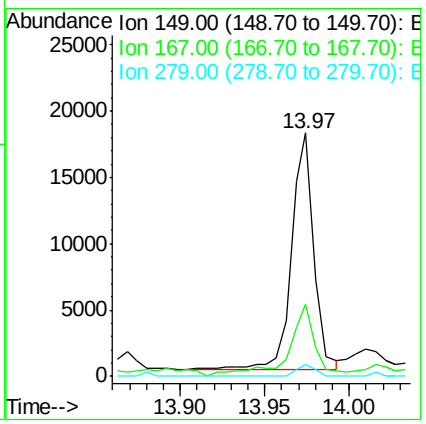


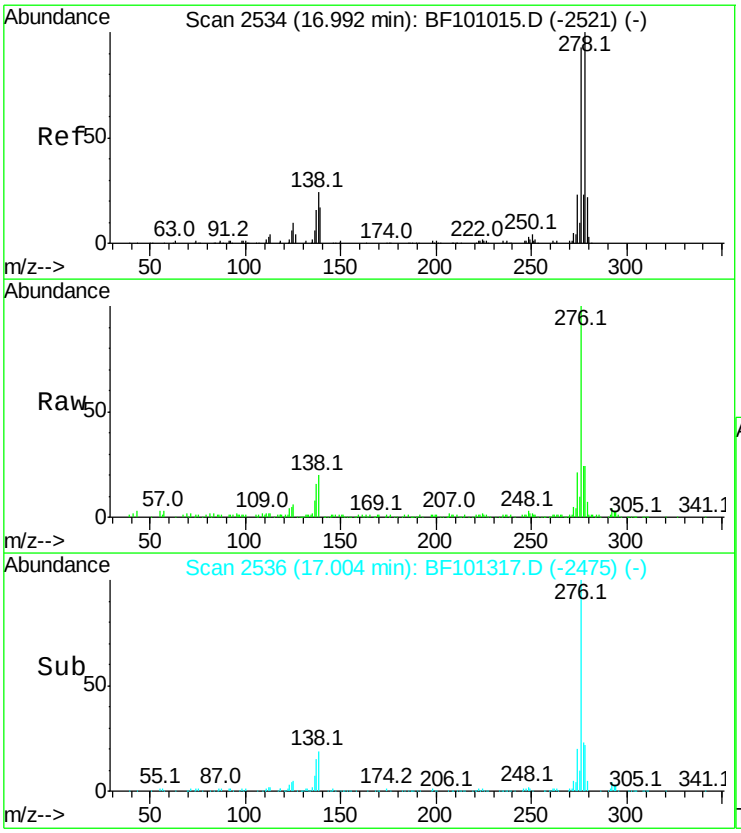
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.688 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 16722

Ion	Ratio	Lower	Upper
149	100		
167	29.8	21.3	31.9
279	4.7	3.0	4.4#

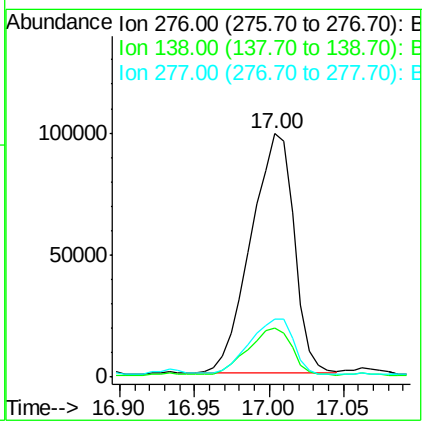


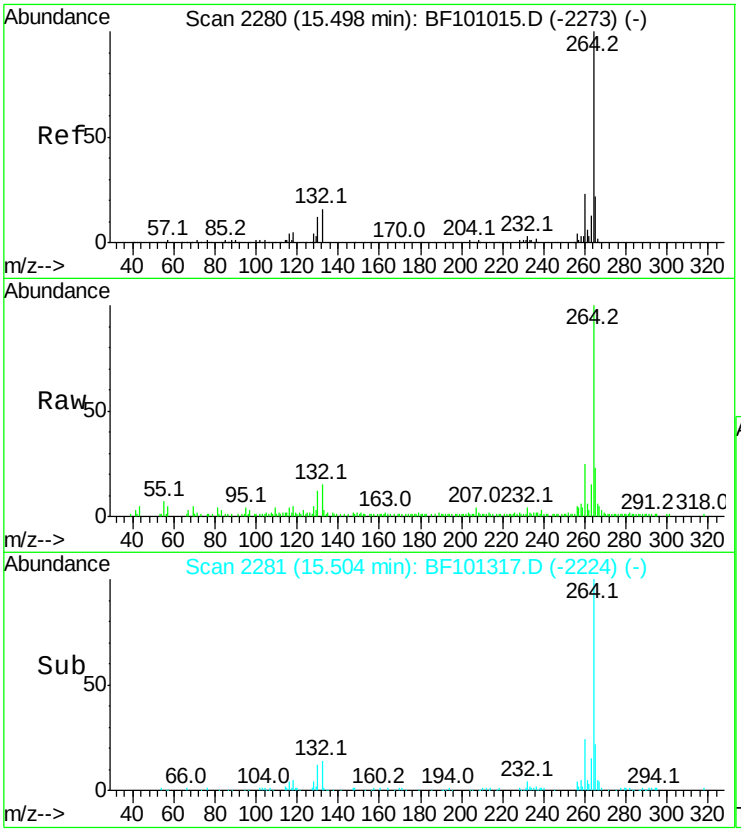


#85
Indeno(1,2,3-cd)pyrene
Concen: 46.107 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.06 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Tgt Ion:276 Resp: 197644

Ion	Ratio	Lower	Upper
276	100		
138	21.1	25.0	37.6#
277	23.4	20.1	30.1



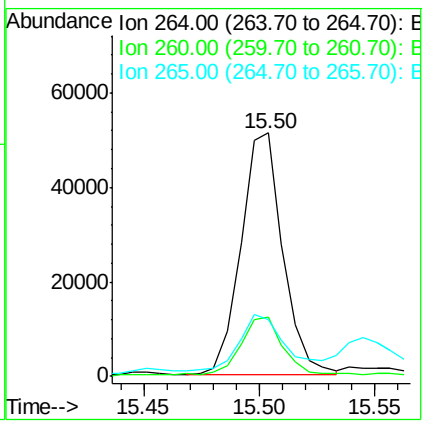


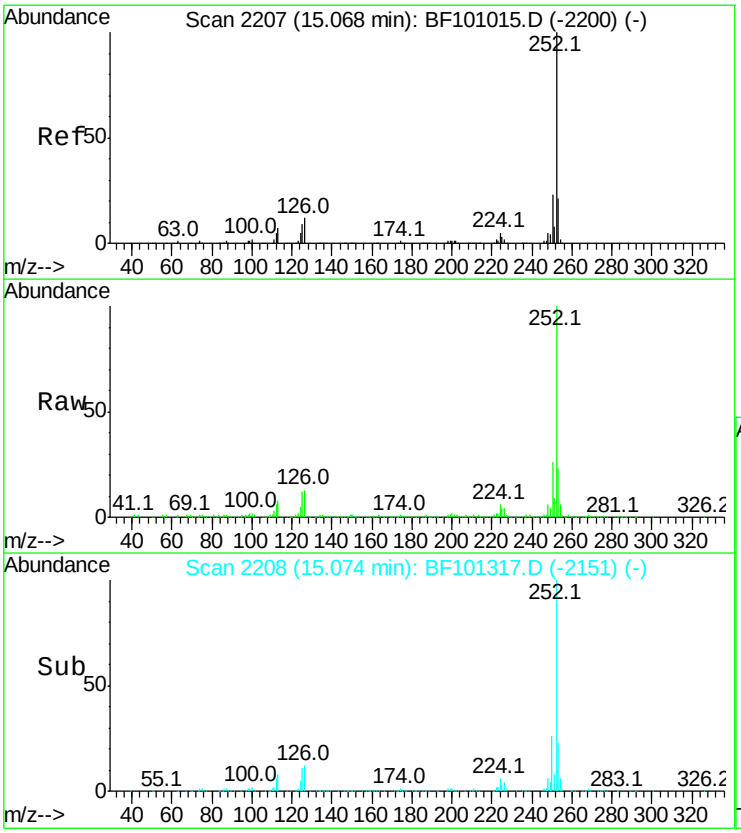
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.04 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 64426

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	23.5	17.5	26.3

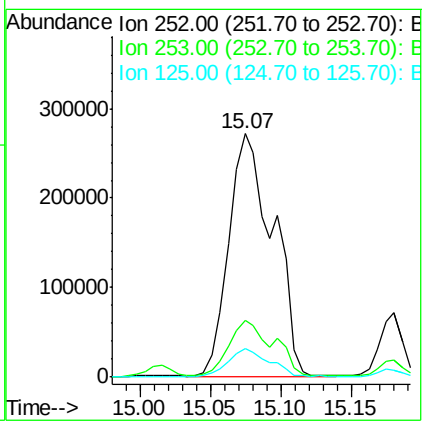


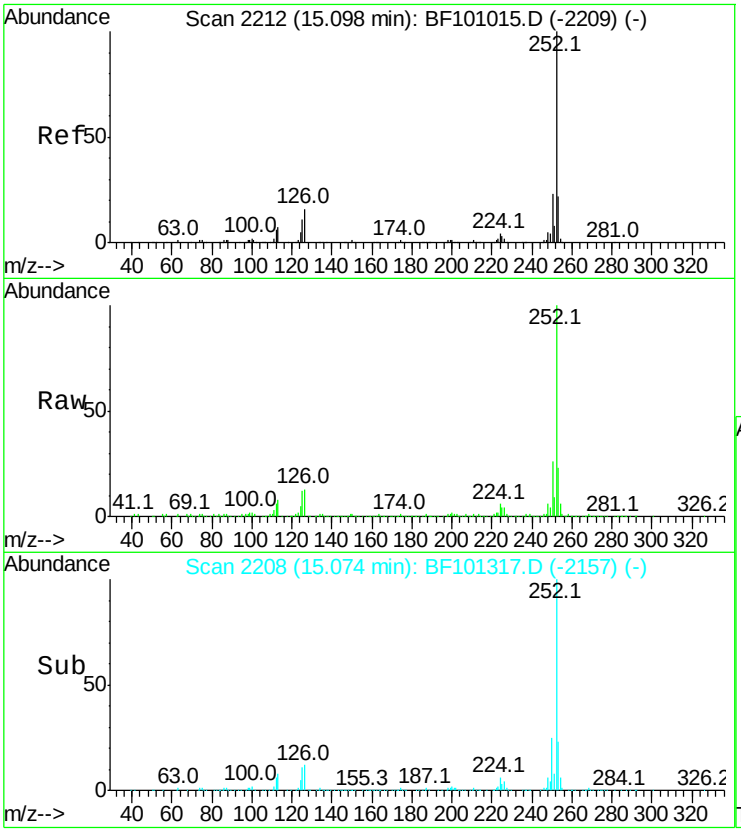


#87
Benzo(b)fluoranthene
Concen: 153.910 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.04 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Tgt Ion:252 Resp: 593931

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	11.6	9.0	13.6



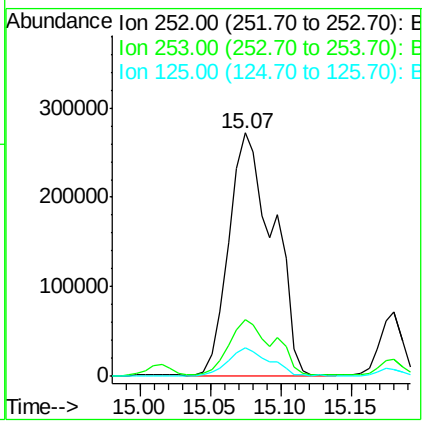


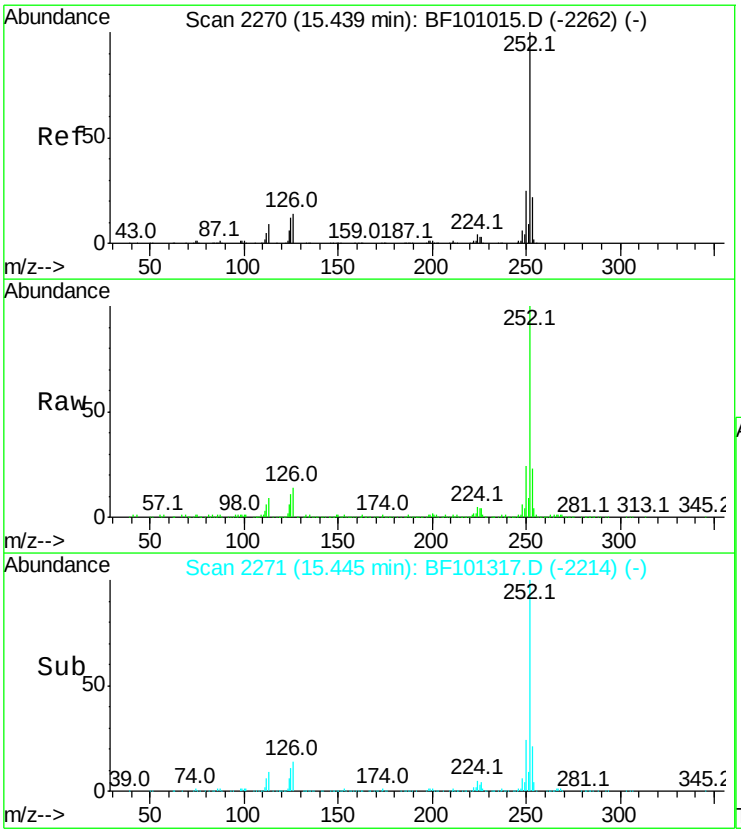
#88
Benzo(k)fluoranthene
Concen: 156.218 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 593931

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	11.6	10.2	15.2

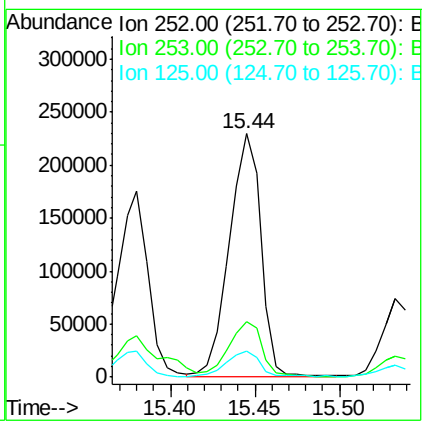


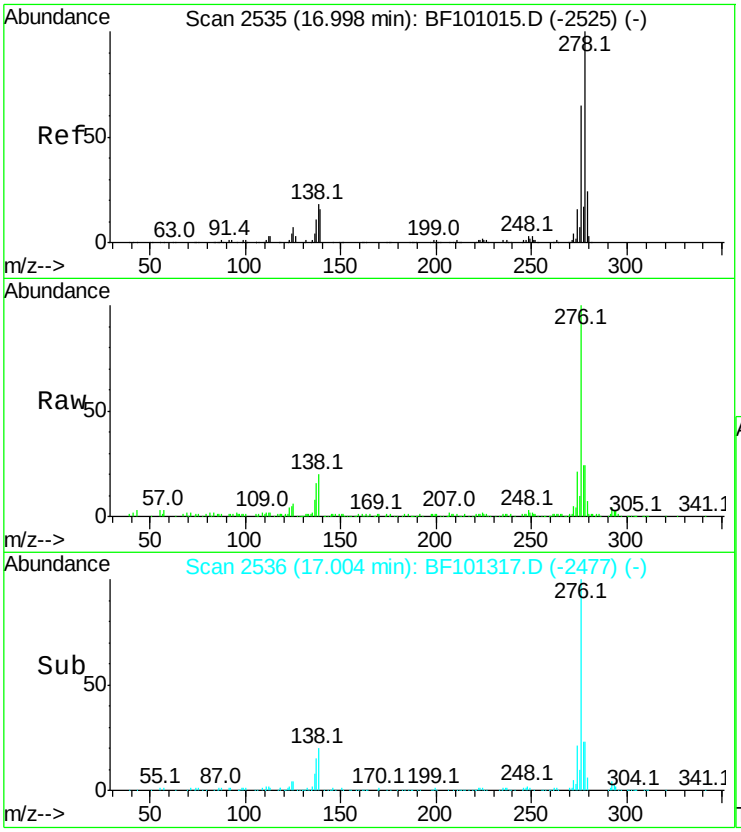


#89
Benzo(a)pyrene
Concen: 84.720 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.04 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Tgt Ion:252 Resp: 297219

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	10.8	9.8	14.6



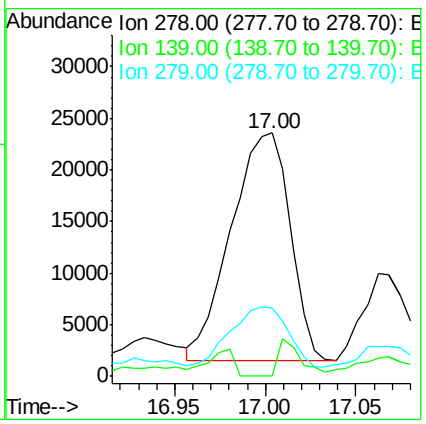


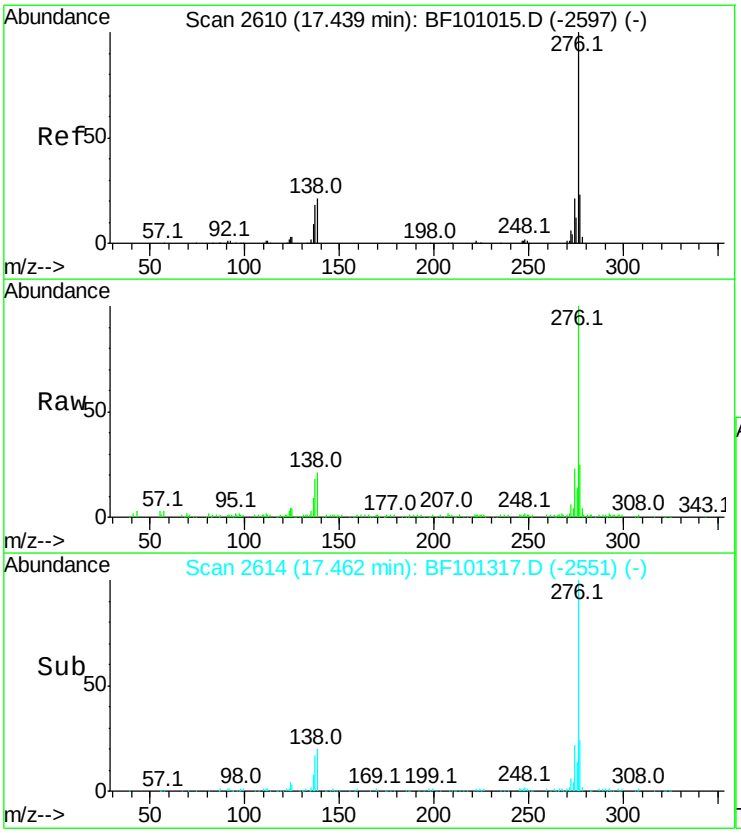
#90
Dibenzo(a,h)anthracene
Concen: 16.163 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.05 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 49990

Ion	Ratio	Lower	Upper
278	100		
139	0.0	15.9	23.9#
279	27.9	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 65.103 ng
RT: 17.46 min Scan# 2614
Delta R.T. 0.07 min
Lab File: BF101317.D
Acq: 12 Dec 2017 6:30

Tgt Ion:276 Resp: 189758

Ion	Ratio	Lower	Upper
276	100		
277	25.3	17.9	26.9
138	20.5	21.8	32.8#