Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101090.D
Acq On : 4 Dec 2017 11:48
Operator : SJ/JU
Sample : I6620-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 04 14:50:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	51562	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	198494	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	93389	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	180400	20.00	ng		0.00
75) Chrysene-d12	14.02	240	117701	20.00	ng		0.00
86) Perylene-d12	15.49	264	125380	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	355707	114.00	ng		0.00
7) Phenol-d6	6.48	99	433347	114.39	ng		0.00
23) Nitrobenzene-d5	7.41	82	266062	79.96	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	117904	105.10	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	517869	75.87	ng		0.00
78) Terphenyl-d14	12.96	244	465063	86.42	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.49	94	14425	3.42	ng		89
19) n-Nitroso-di-n-propylamine	7.41	70	35146	13.78	ng	#	80
25) Isophorone	7.41	82	266059	46.81	ng	#	64
48) Acenaphthylene	9.75	152	25934	2.60	ng		98
49) Dimethylphthalate	9.59	163	47107	6.25	ng		100
55) 4-Nitrophenol	10.09	139	2568	2.13	ng	#	9
56) 2,4-Dinitrotoluene	9.88	165	12030	5.66	ng	#	21
66) 4-Bromophenyl-phenylether	10.67	248	7473	3.70	ng	#	1
70) Phenanthrene	11.40	178	160785	16.18	ng		97
71) Anthracene	11.44	178	44164	4.39	ng		98
72) Carbazole	11.60	167	20161	2.19	ng	#	93
74) Fluoranthene	12.59	202	326975	29.69	ng		95
77) Pyrene	12.82	202	286798	35.31	ng		99
80) Benzo(a)anthracene	14.00	228	147424	19.84	ng		97
82) Chrysene	14.04	228	136408	19.76	ng		97
85) Indeno(1,2,3-cd)pyrene	16.97	276	133871	21.82	ng	#	89
87) Benzo(b)fluoranthene	15.06	252	305109	40.63	ng		98
88) Benzo(k)fluoranthene	15.06	252	305109	41.24	ng		98
89) Benzo(a)pyrene	15.43	252	167070	24.47	ng		96
90) Dibenzo(a,h)anthracene	16.77	278	22627	3.76	ng		94
91) Benzo(g,h,i)perylene	17.42	276	124090	21.88	ng	#	90

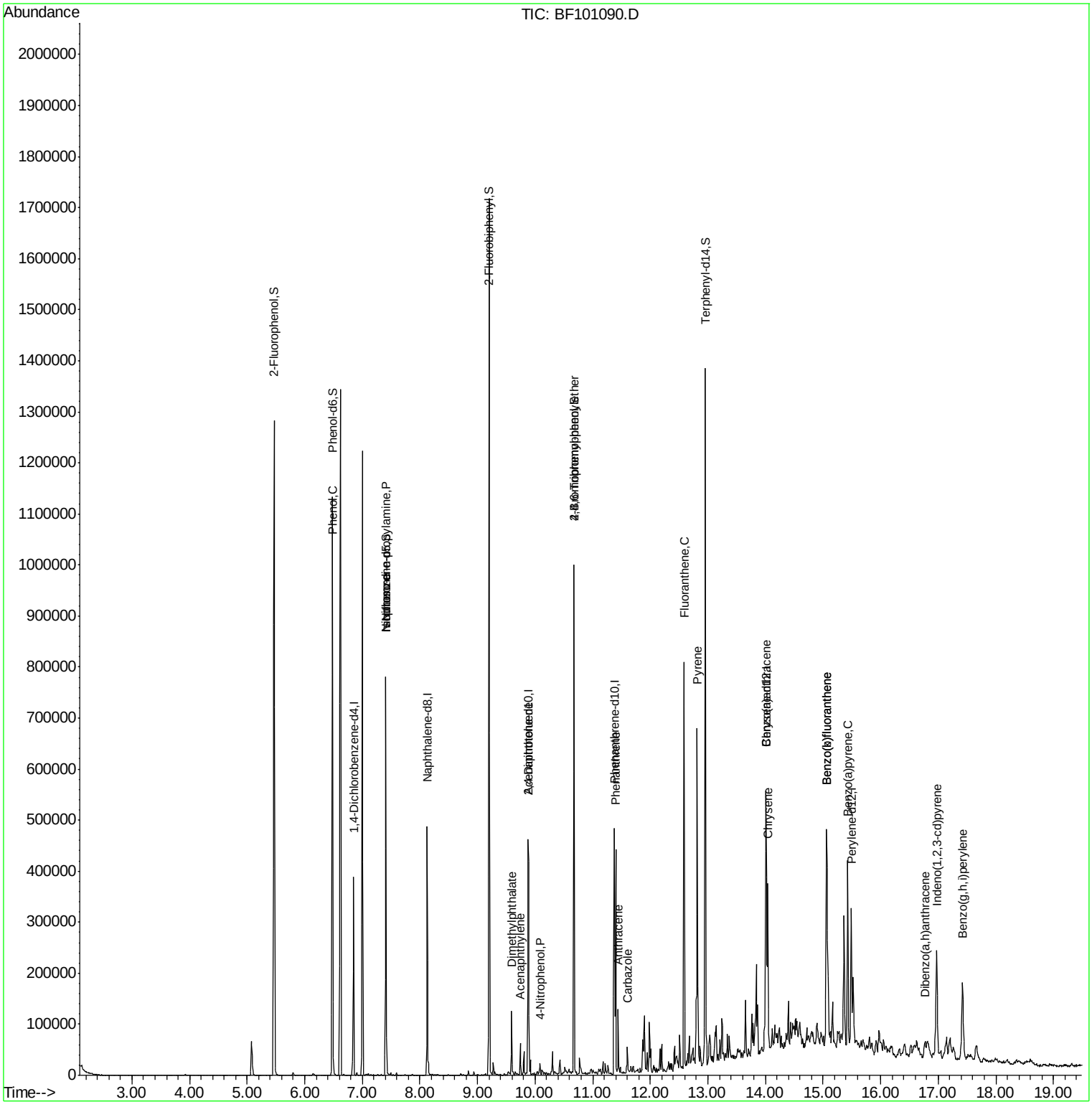
(#) = qualifier out of range (m) = manual integration (+) = signals summed

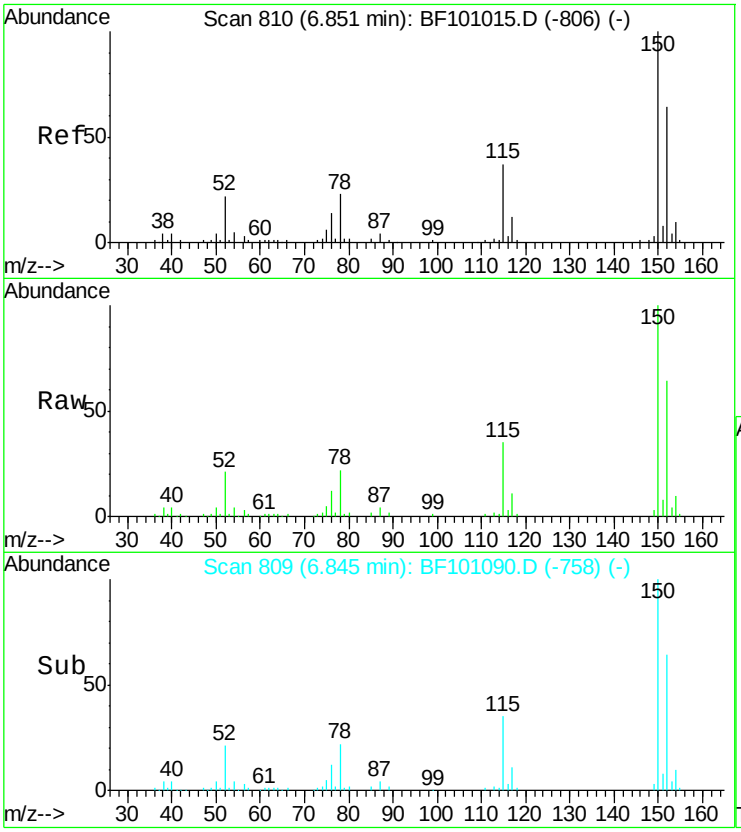
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101090.D
Acq On : 4 Dec 2017 11:48
Operator : SJ/JU
Sample : I6620-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 04 14:50:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration



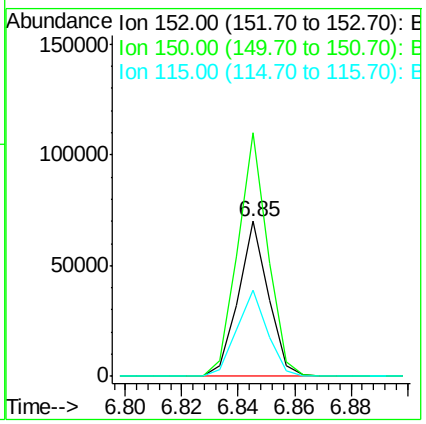


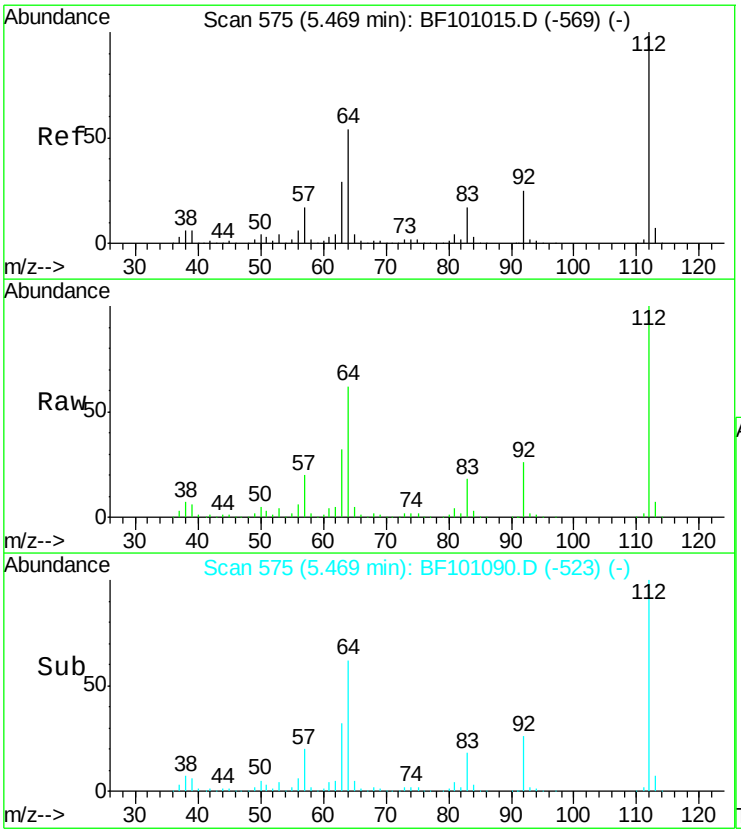
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 51562

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	55.3	50.1	75.1

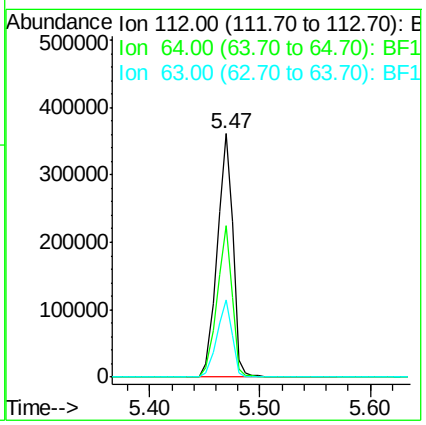


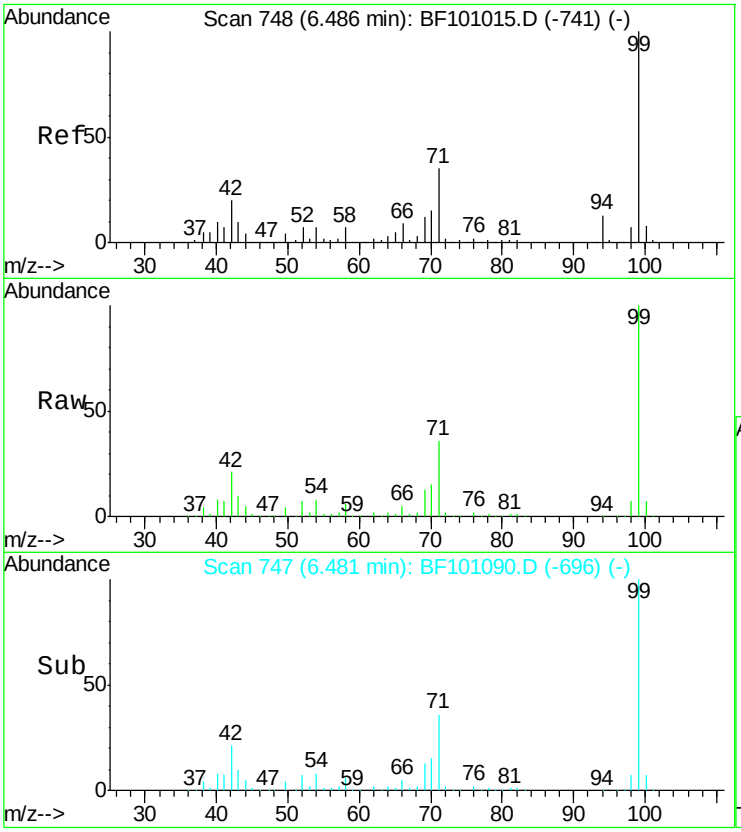


#5
2-Fluorophenol
Concen: 114.00 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Tgt Ion:112 Resp: 355707

Ion	Ratio	Lower	Upper
112	100		
64	62.0	47.9	71.9
63	31.8	23.7	35.5



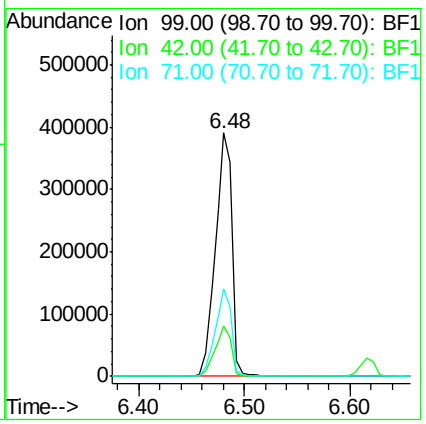


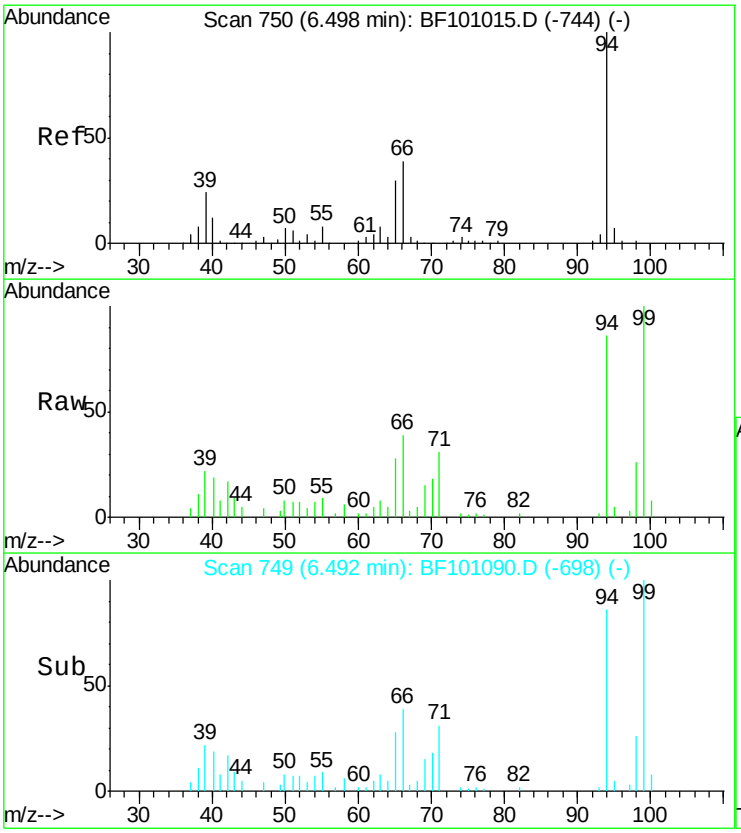
#7
Phenol-d6
Concen: 114.39 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 433347

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	36.0	25.4	38.0

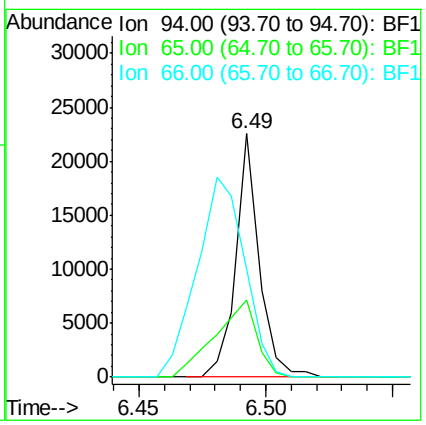


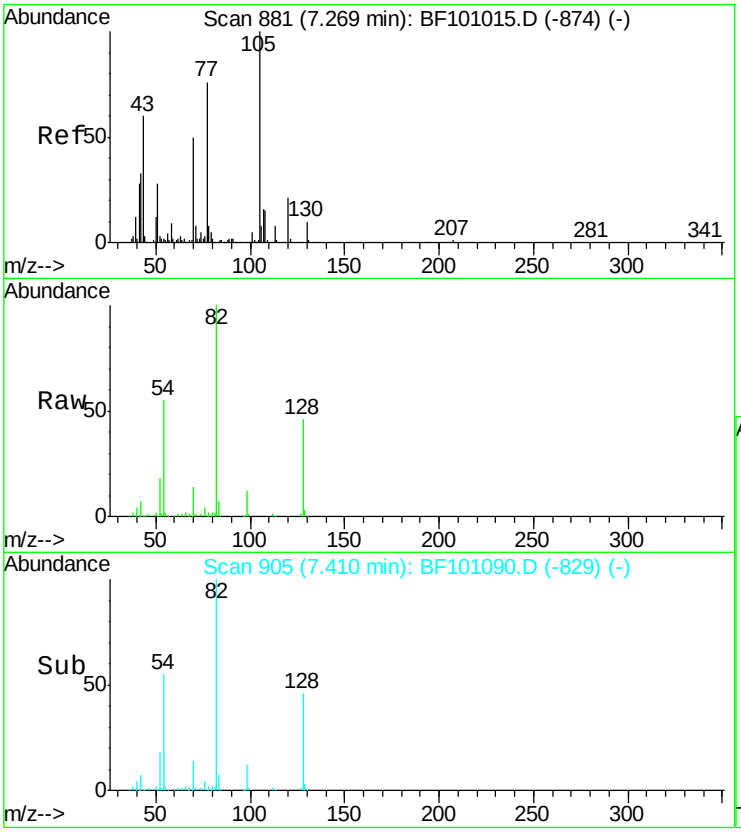


#10
Phenol
Concen: 3.42 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Tgt Ion: 94 Resp: 14425

Ion	Ratio	Lower	Upper
94	100		
65	31.9	7.9	47.9
66	44.6	16.2	56.2



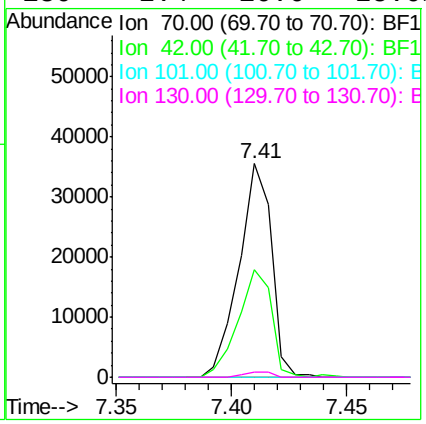


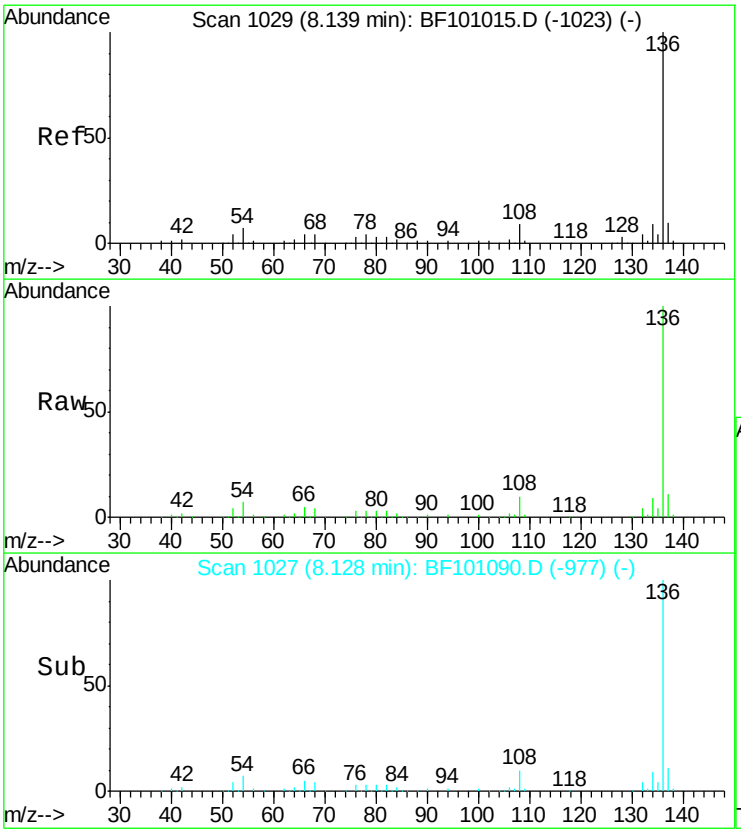
#19
n-Nitroso-di-n-propylamine
Concen: 13.78 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 35146

Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#

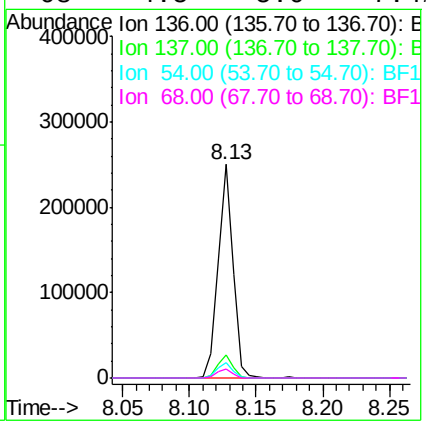


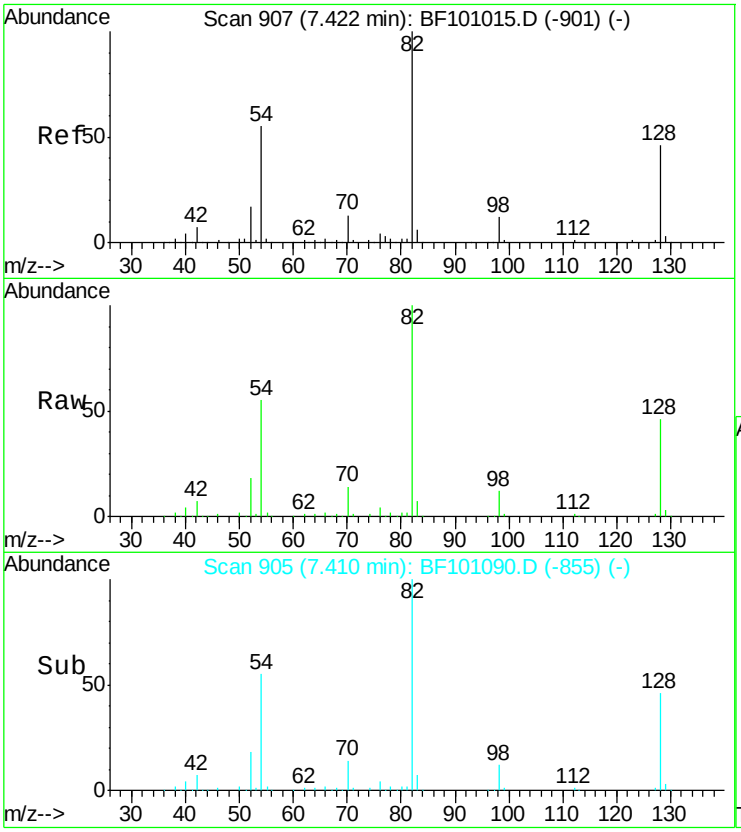


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Tgt Ion:136 Resp: 198494

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.4	6.6	9.8
68	4.5	5.0	7.4#



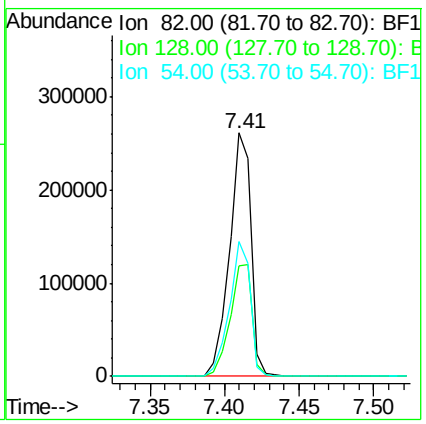


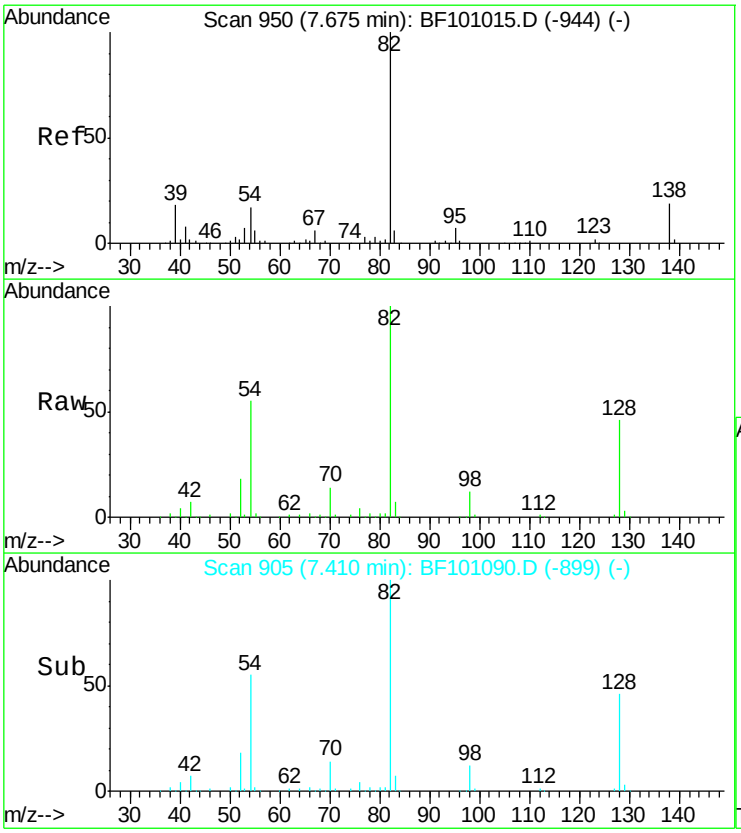
#23
Nitrobenzene-d5
Concen: 79.96 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 266062

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	55.4	41.4	62.2

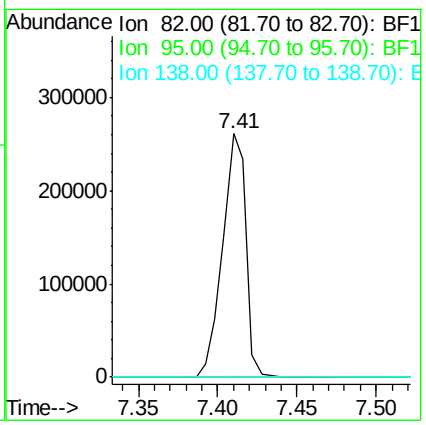


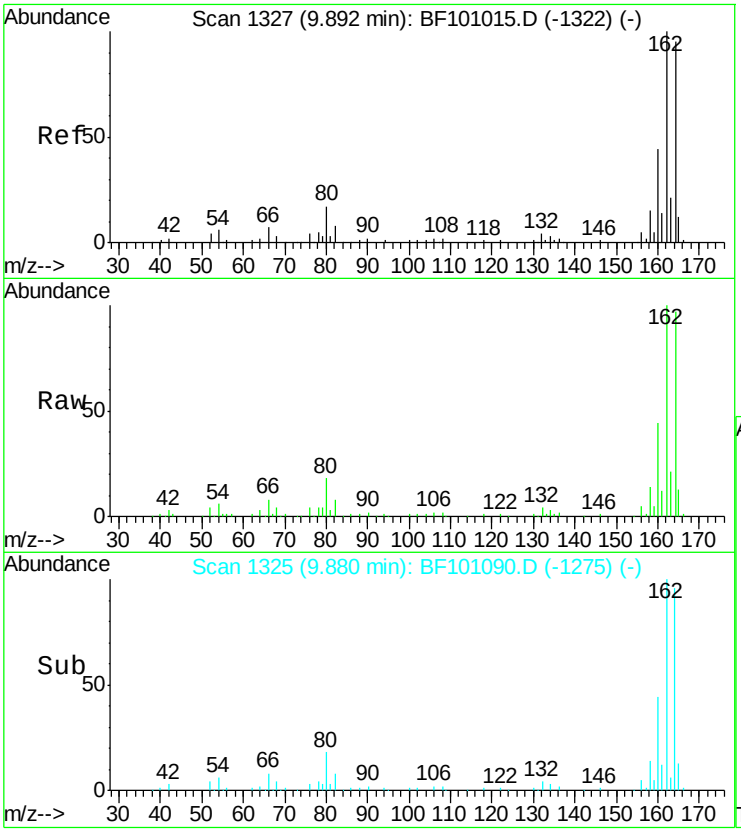


#25
Isophorone
Concen: 46.81 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Tgt Ion: 82 Resp: 266059

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



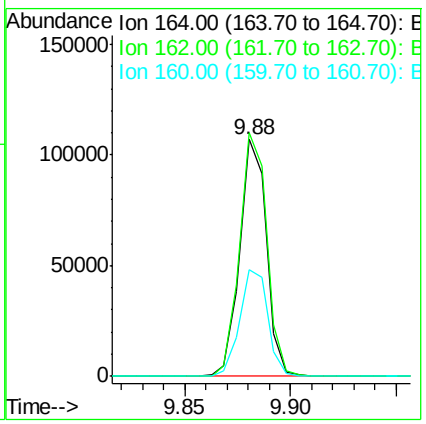


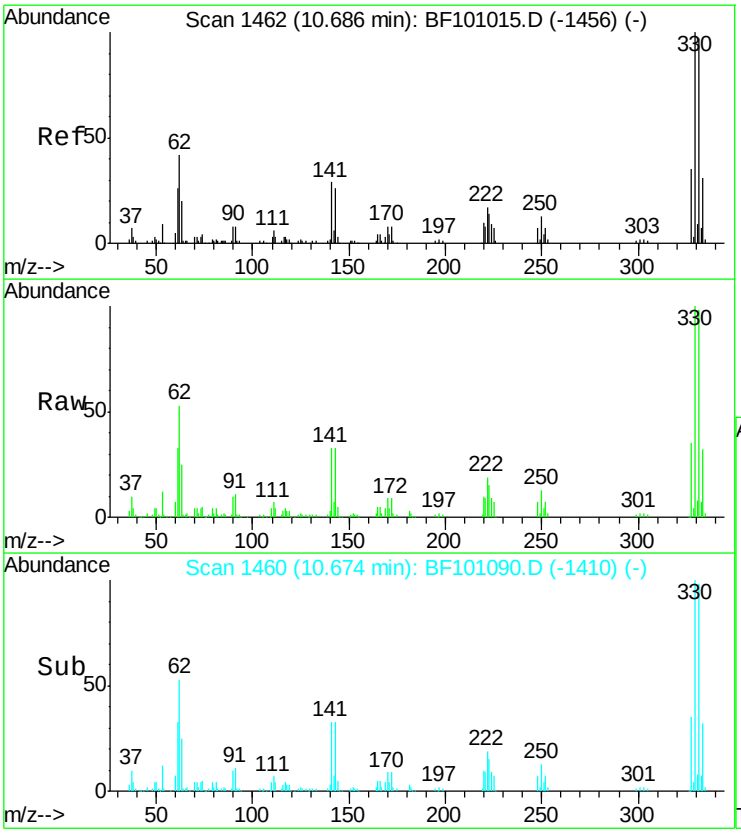
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 93389

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	45.1	38.3	57.5

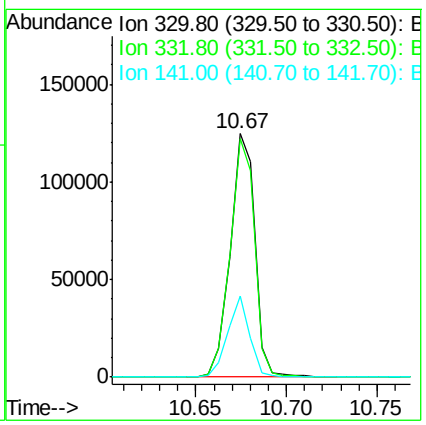


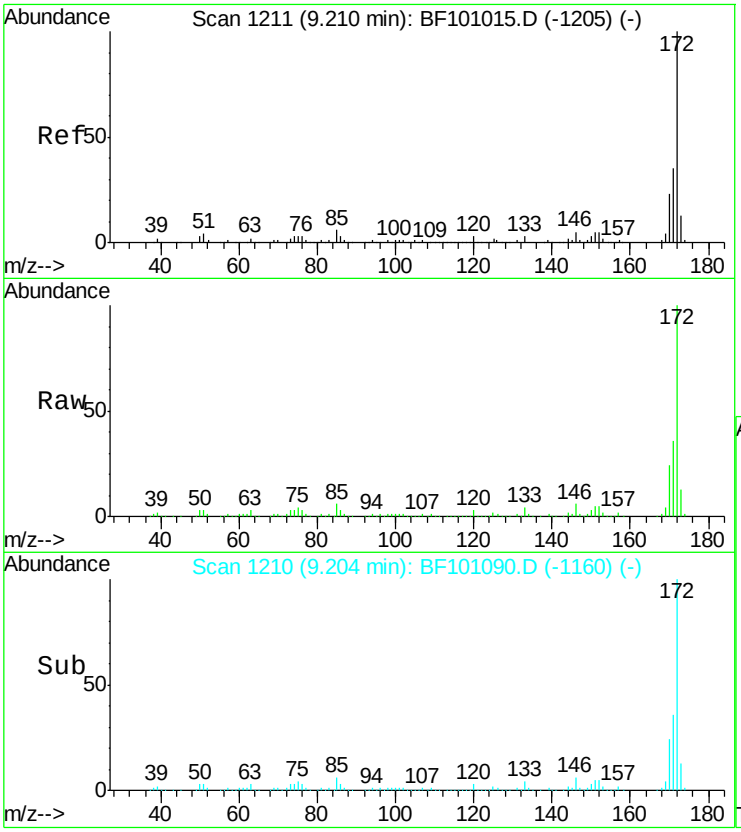


#41
2,4,6-Tribromophenol
Concen: 105.10 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Tgt Ion:330 Resp: 117904

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	29.9	29.9	44.9#



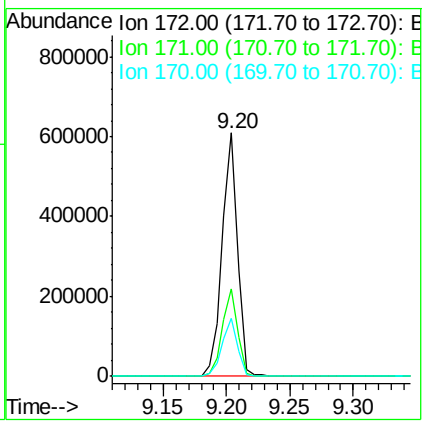


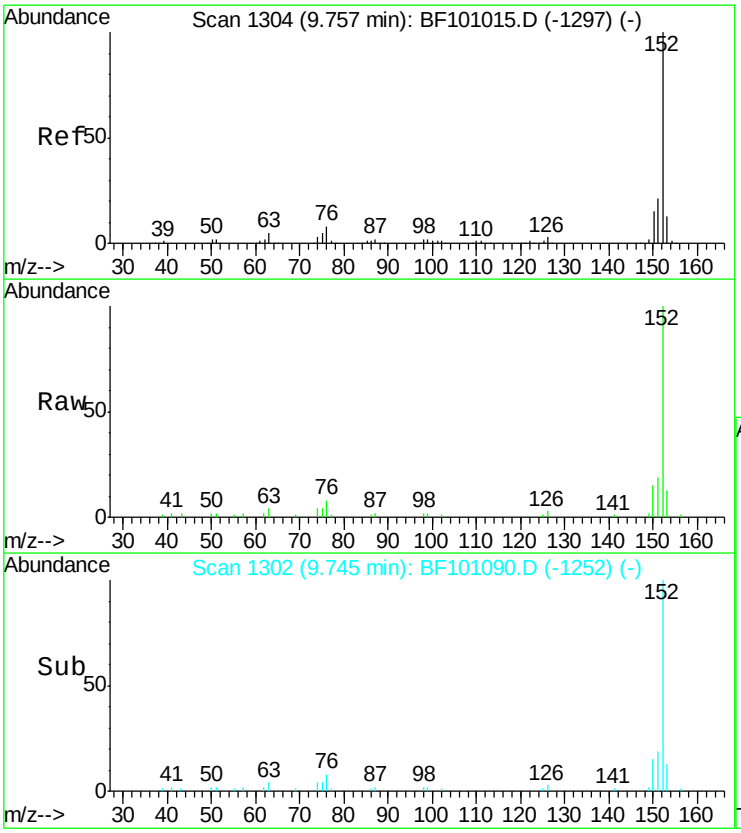
#44
2-Fluorobiphenyl
Concen: 75.87 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 517869

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.6	19.6	29.4

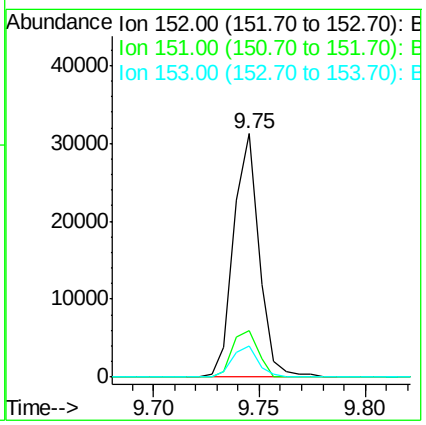


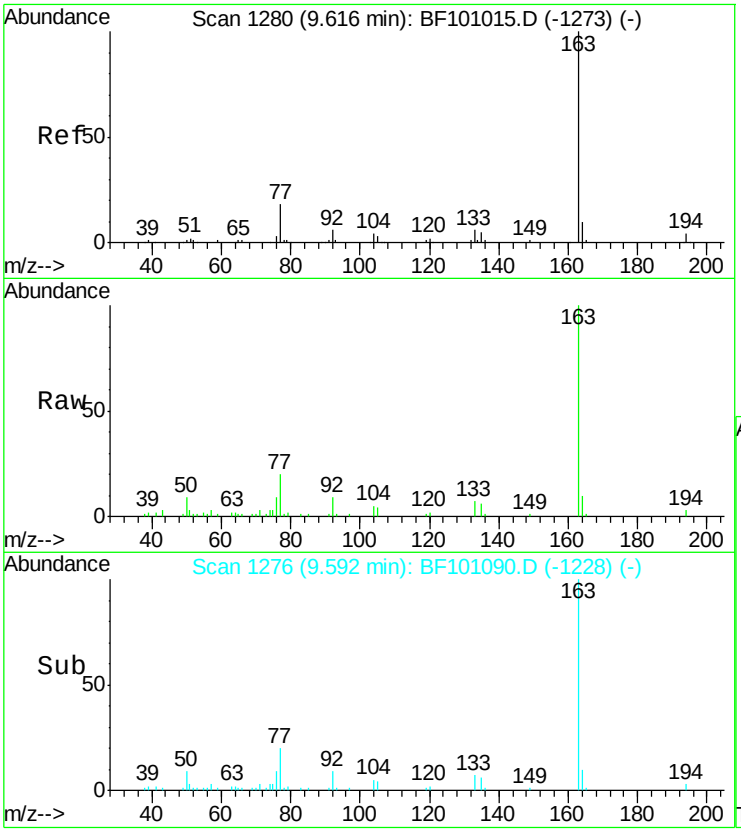


#48
Acenaphthylene
Concen: 2.60 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Tgt Ion:152 Resp: 25934

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.3	24.5
153	12.8	10.7	16.1



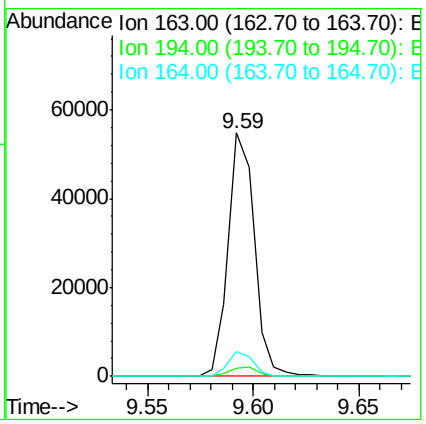


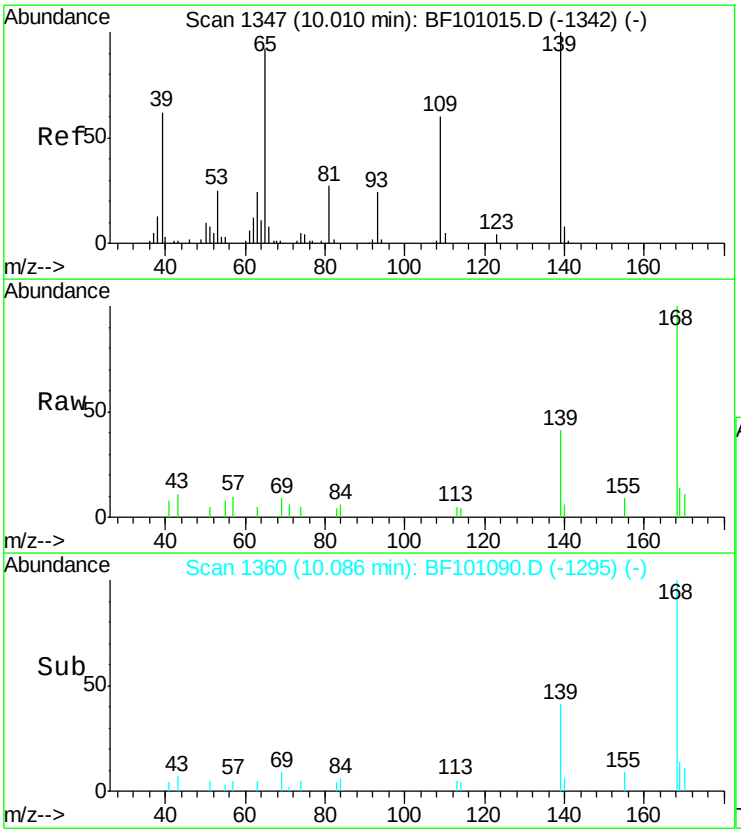
#49
Dimethylphthalate
Concen: 6.25 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 47107

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	8.2	12.2

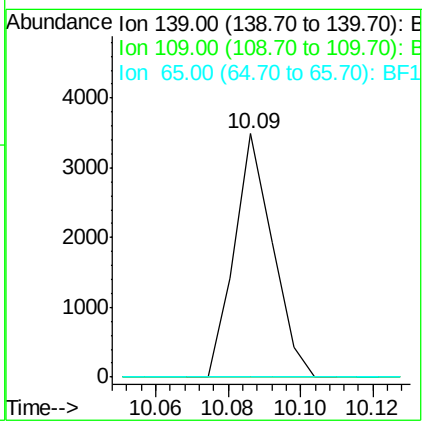


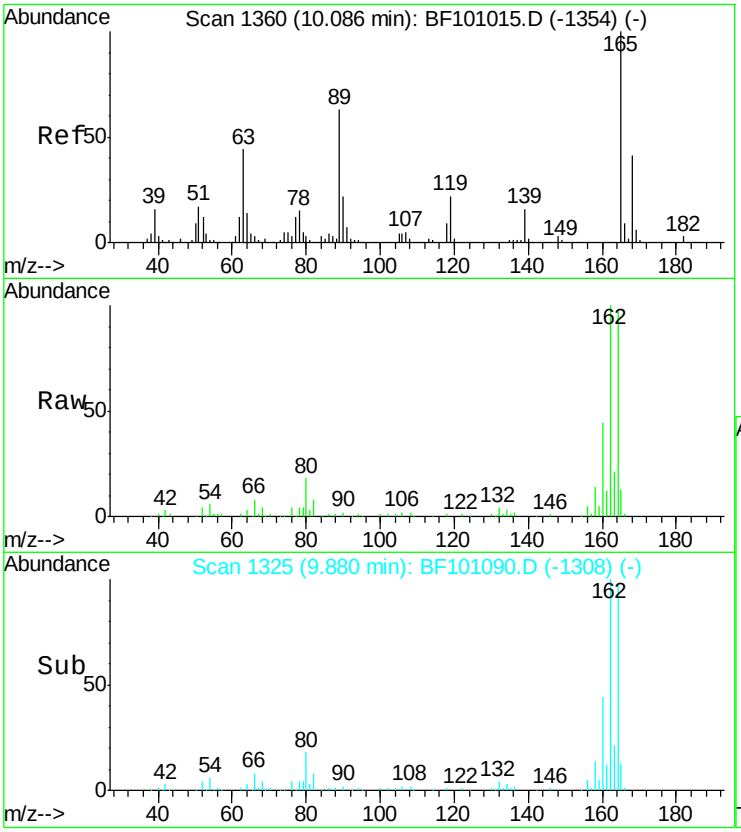


#55
4-Nitrophenol
Concen: 2.13 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.08 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Tgt Ion:139 Resp: 2568

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



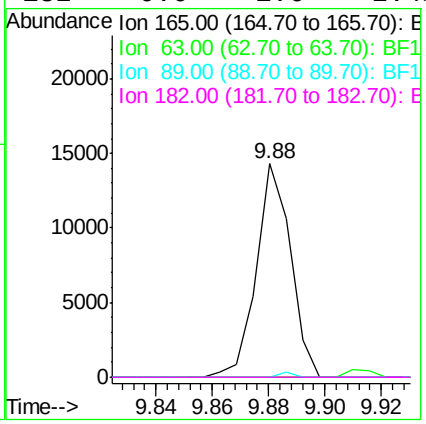


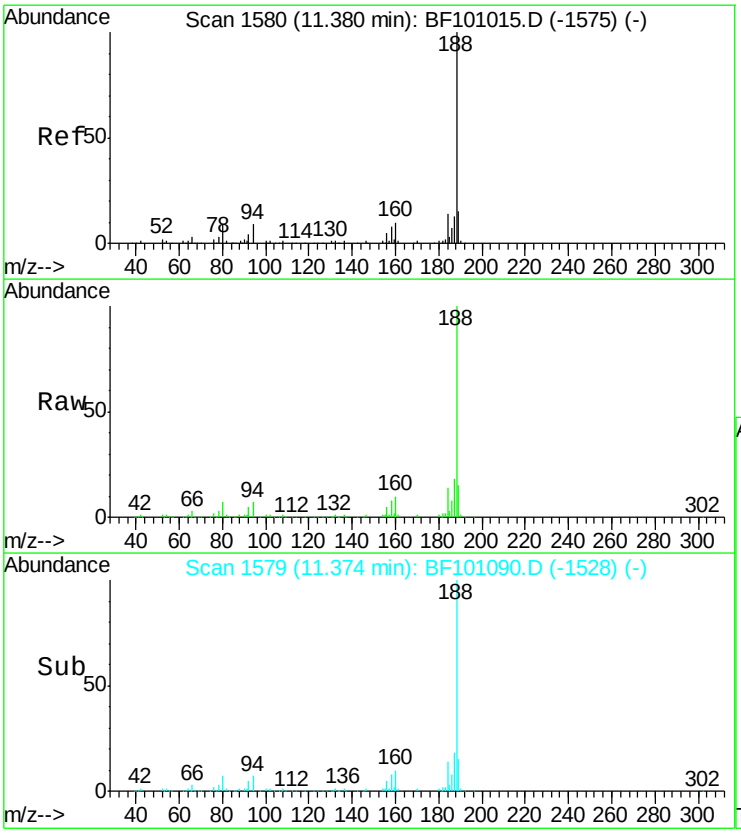
#56
2,4-Dinitrotoluene
Concen: 5.66 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.20 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12030

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

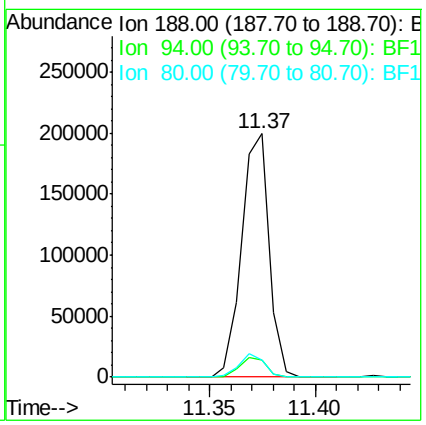


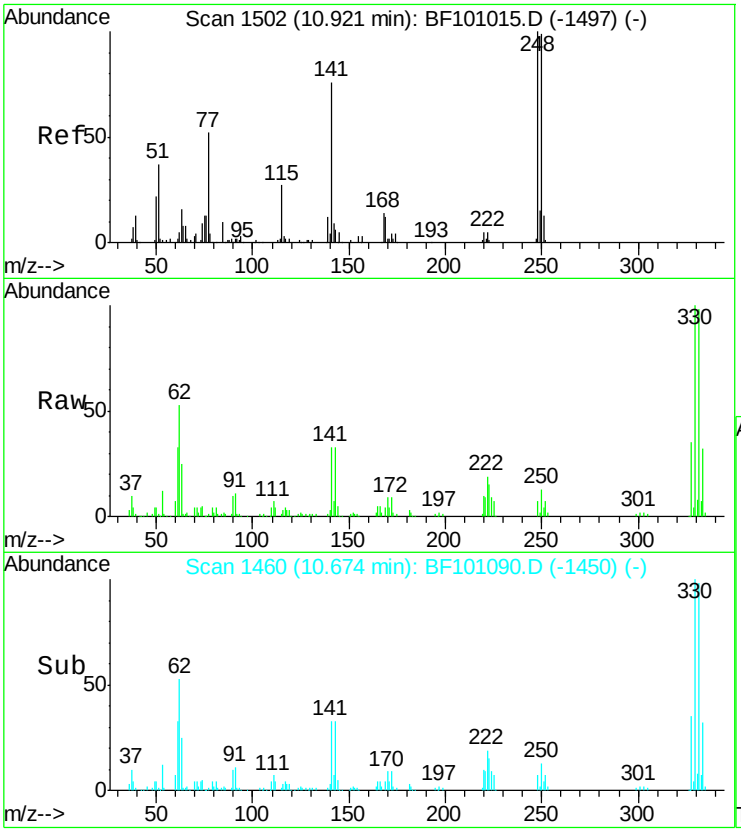


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Tgt Ion:188 Resp: 180400

Ion	Ratio	Lower	Upper
188	100		
94	6.9	8.5	12.7#
80	7.2	9.2	13.8#



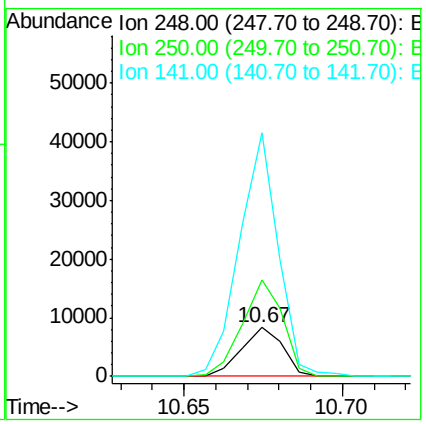


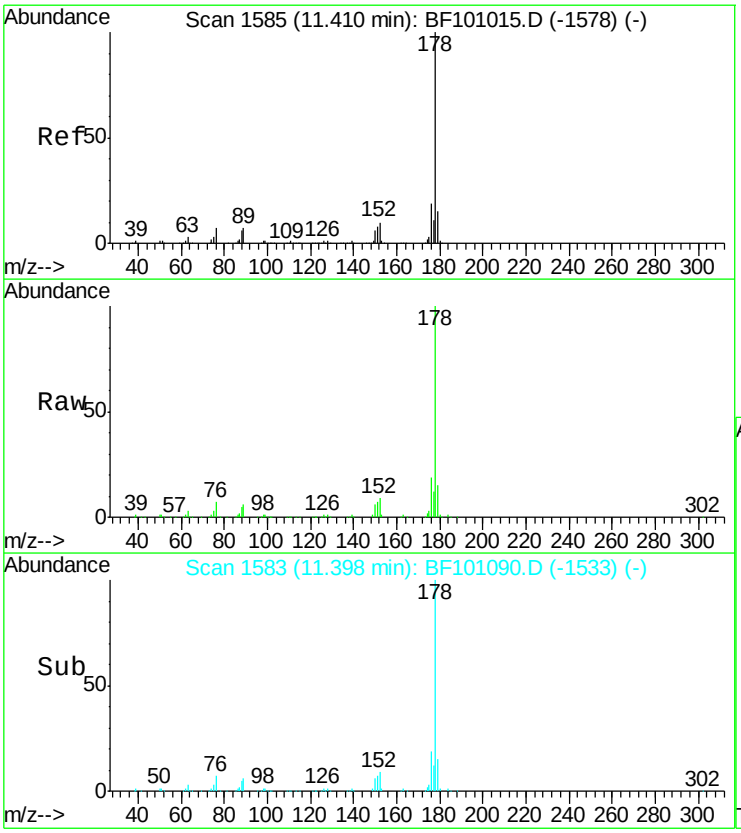
#66
4-Bromophenyl-phenylether
Concen: 3.70 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 7473

Ion	Ratio	Lower	Upper
248	100		
250	198.2	76.9	115.3#
141	501.8	74.4	111.6#

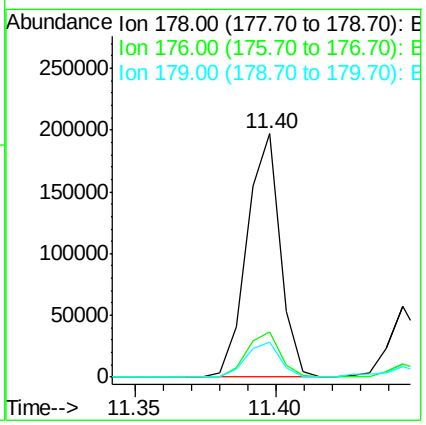


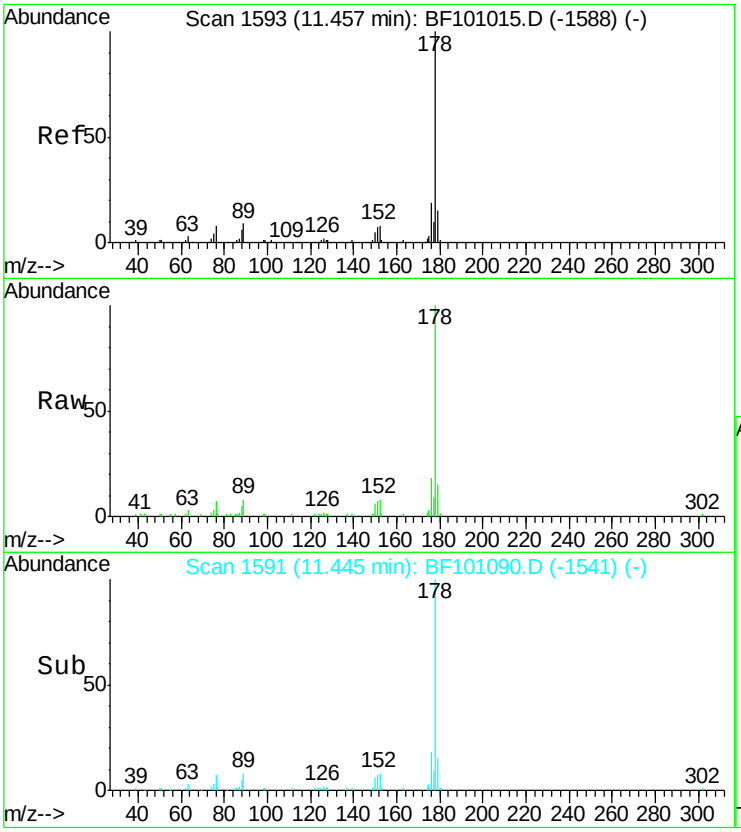


#70
Phenanthrene
Concen: 16.18 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Tgt Ion:178 Resp: 160785

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	14.6	13.0	19.6



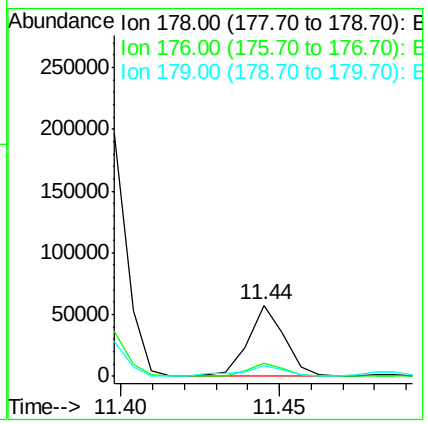


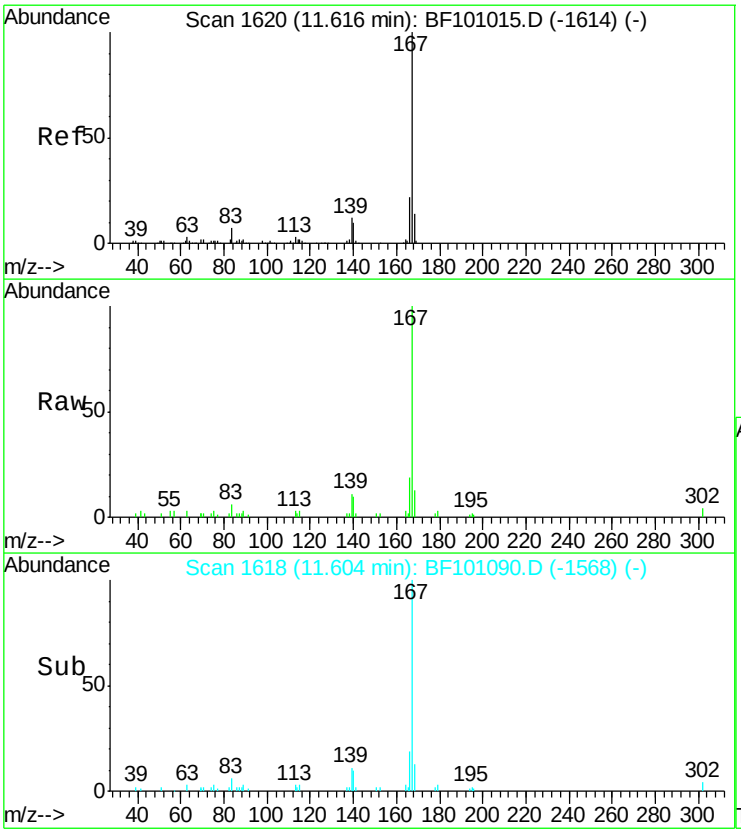
#71
Anthracene
Concen: 4.39 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 44164

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	15.2	12.6	19.0

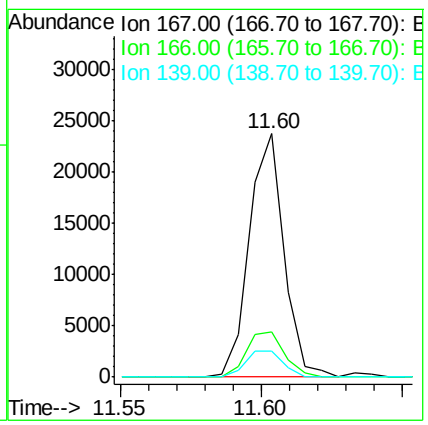


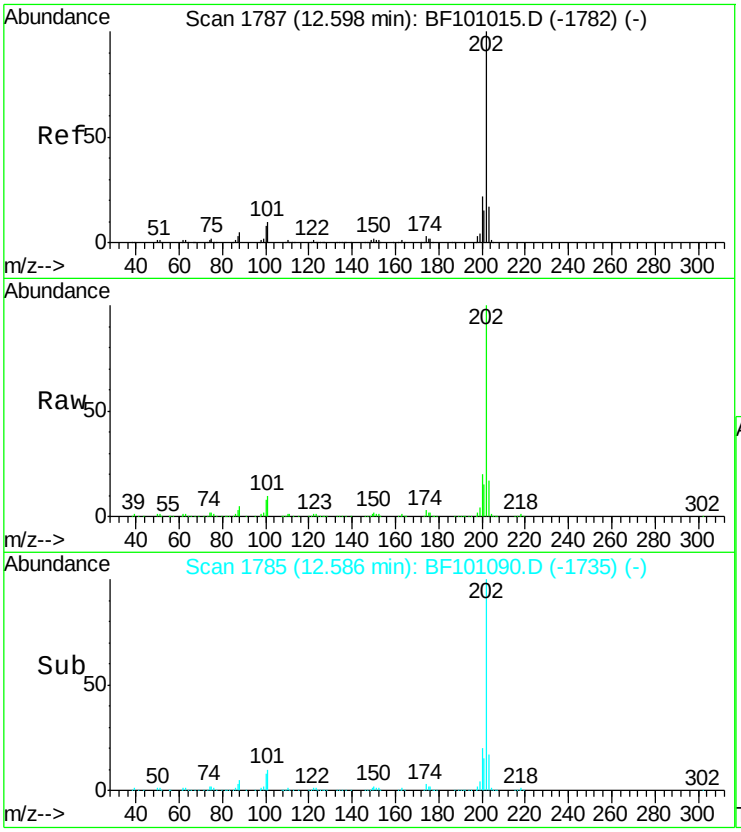


#72
Carbazole
Concen: 2.19 ng
RT: 11.60 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Tgt Ion:167 Resp: 20161

Ion	Ratio	Lower	Upper
167	100		
166	18.6	17.6	26.4
139	10.8	10.9	16.3#



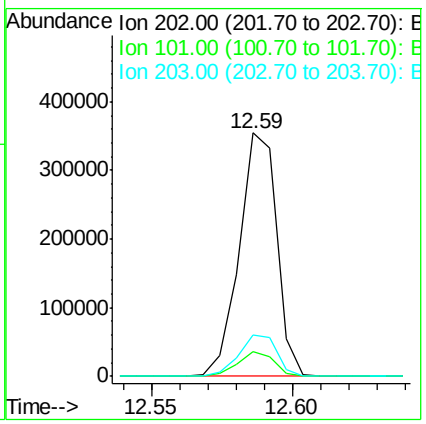


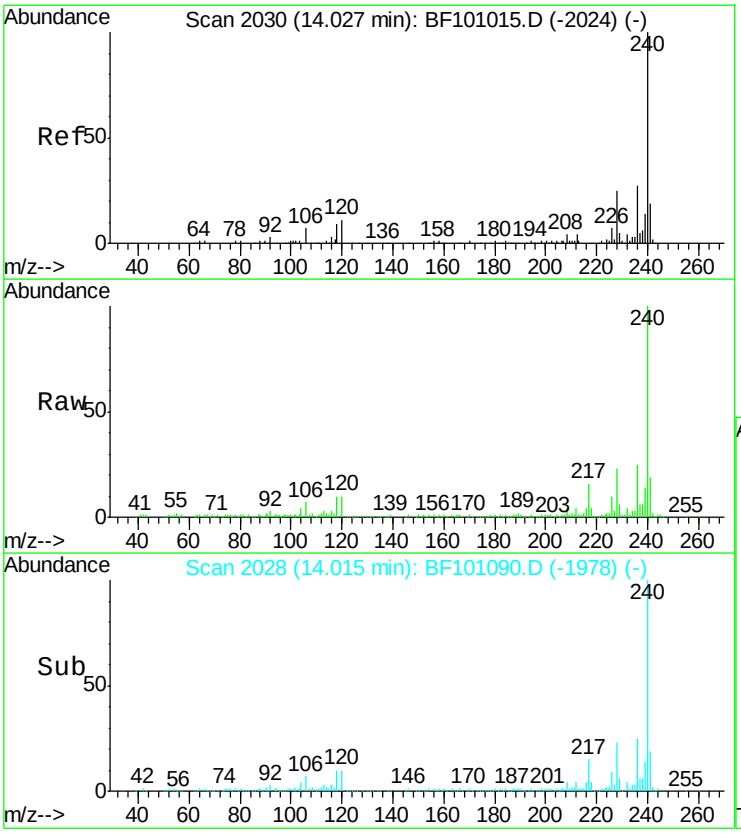
#74
Fluoranthene
Concen: 29.69 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 326975

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	34.1
203	17.2	0.0	38.1

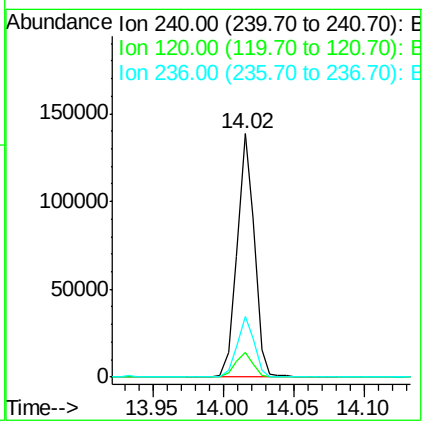


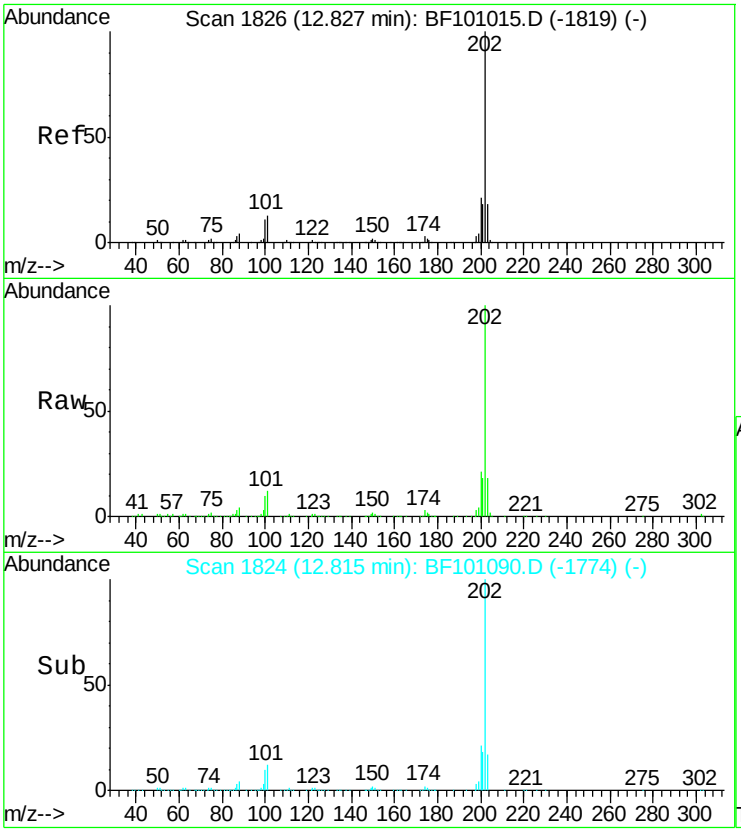


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Tgt Ion:240 Resp: 117701

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	24.9	20.7	31.1



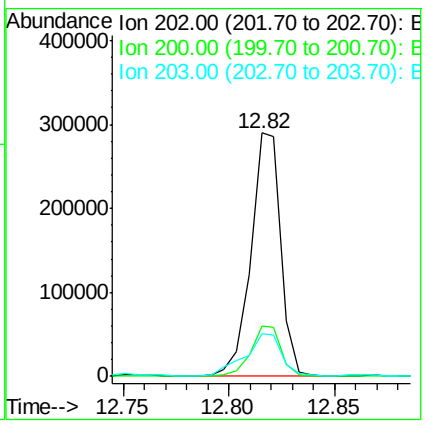


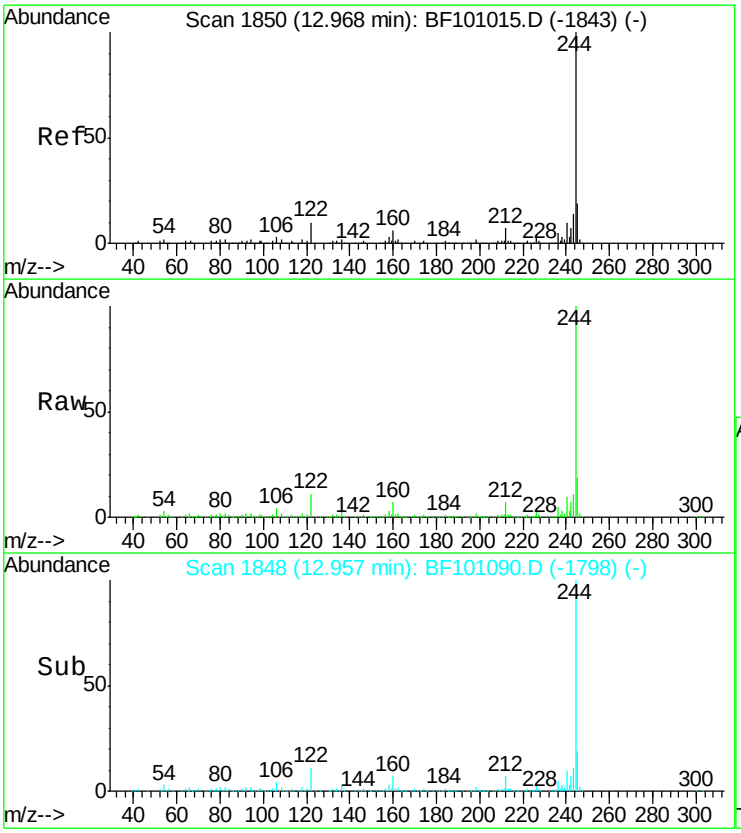
#77
Pyrene
Concen: 35.31 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 286798

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.8	14.3	21.5

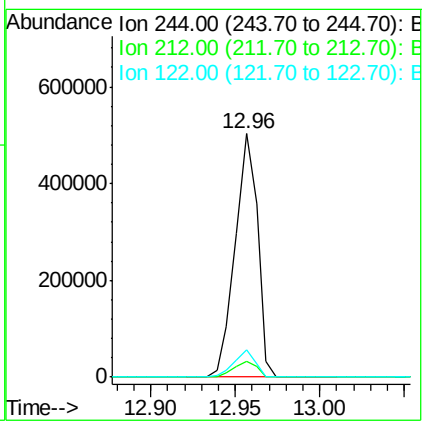


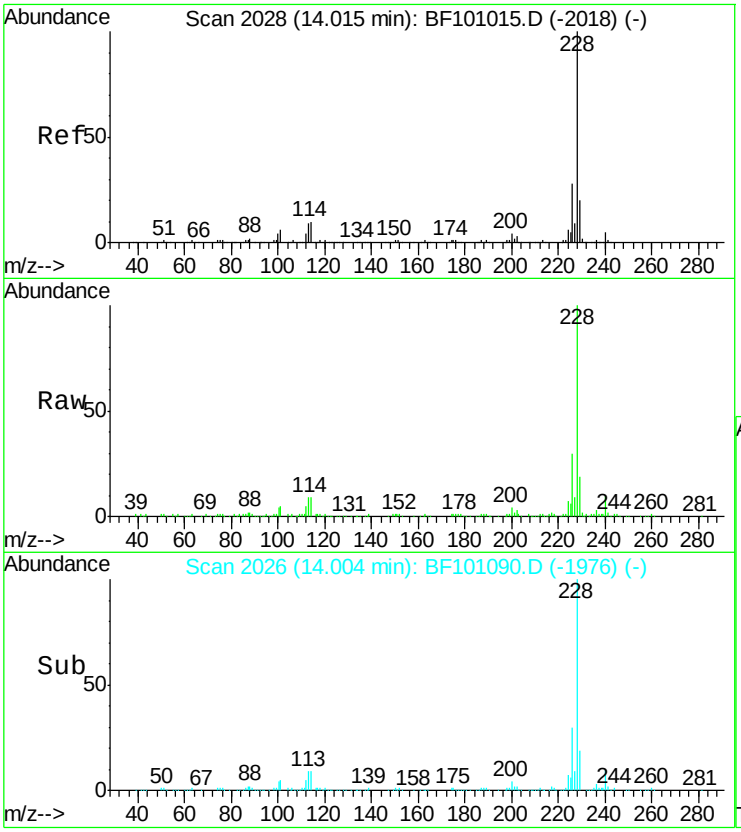


#78
Terphenyl-d14
Concen: 86.42 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Tgt Ion:244 Resp: 465063

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	11.1	11.0	16.4



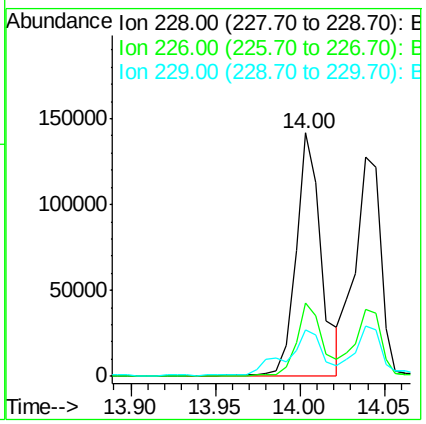


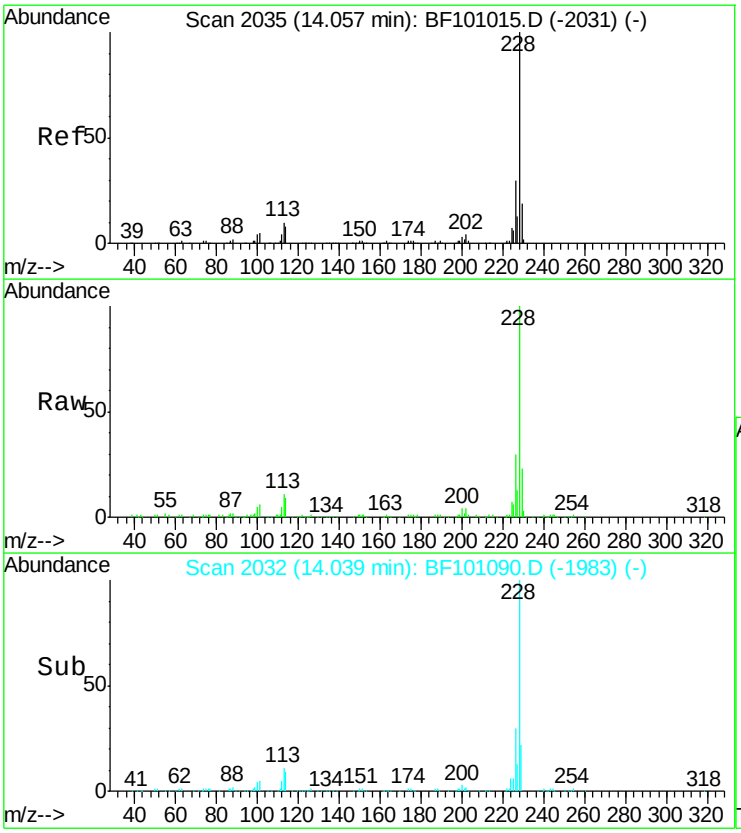
#80
Benzo(a)anthracene
Concen: 19.84 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 147424

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	19.3	15.8	23.6

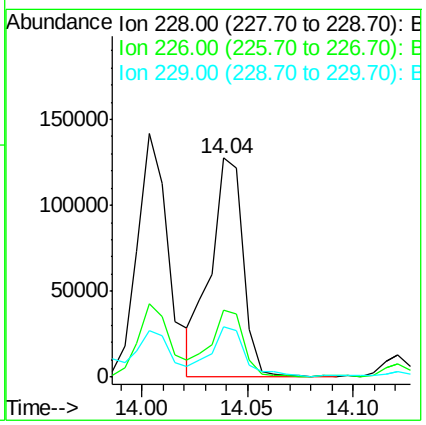


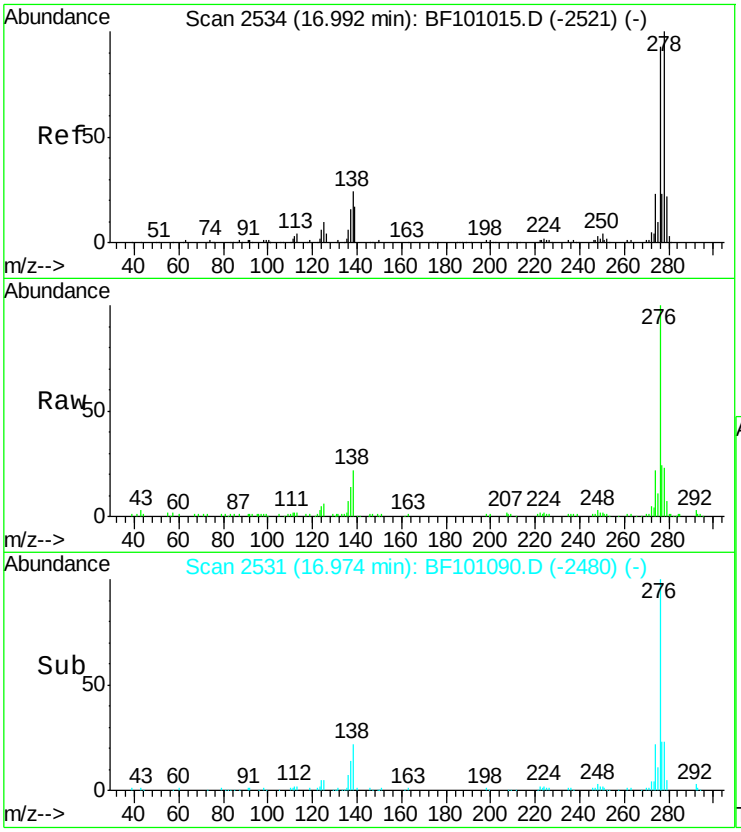


#82
Chrysene
Concen: 19.76 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Tgt Ion:228 Resp: 136408

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	22.9	16.2	24.4



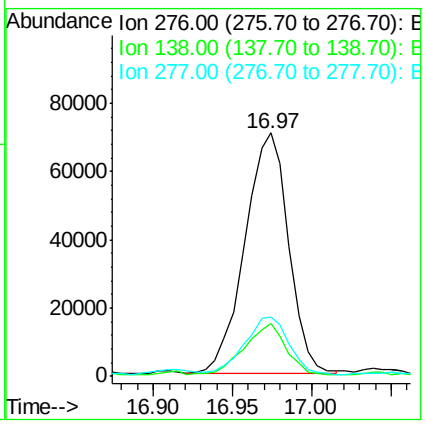


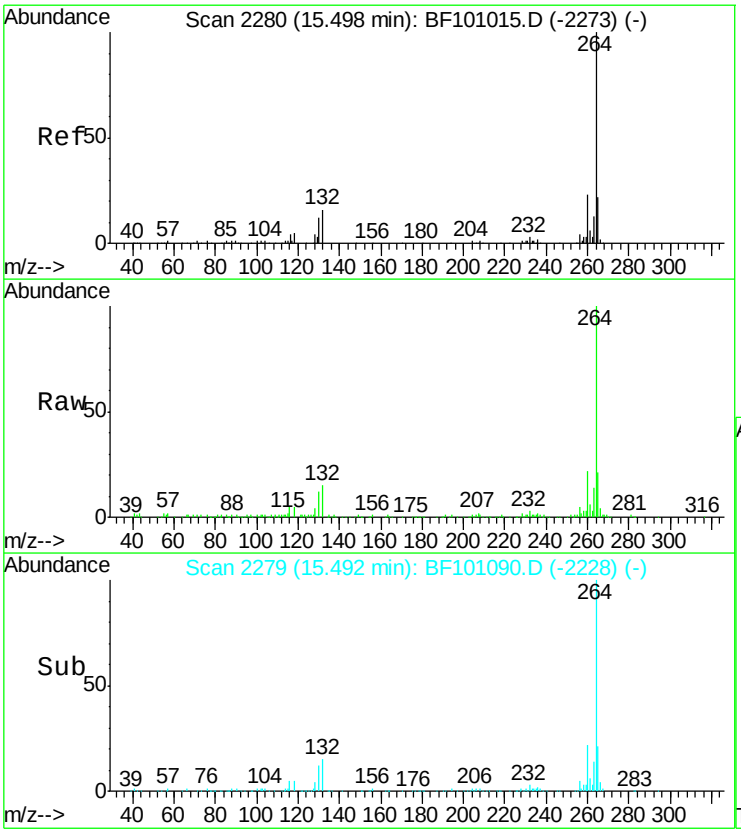
#85
Indeno(1,2,3-cd)pyrene
Concen: 21.82 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 133871

Ion	Ratio	Lower	Upper
276	100		
138	20.9	25.0	37.6#
277	24.3	20.1	30.1

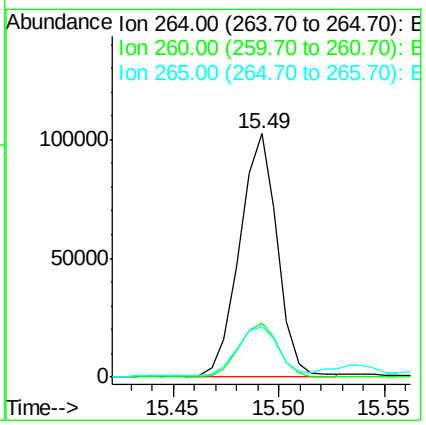


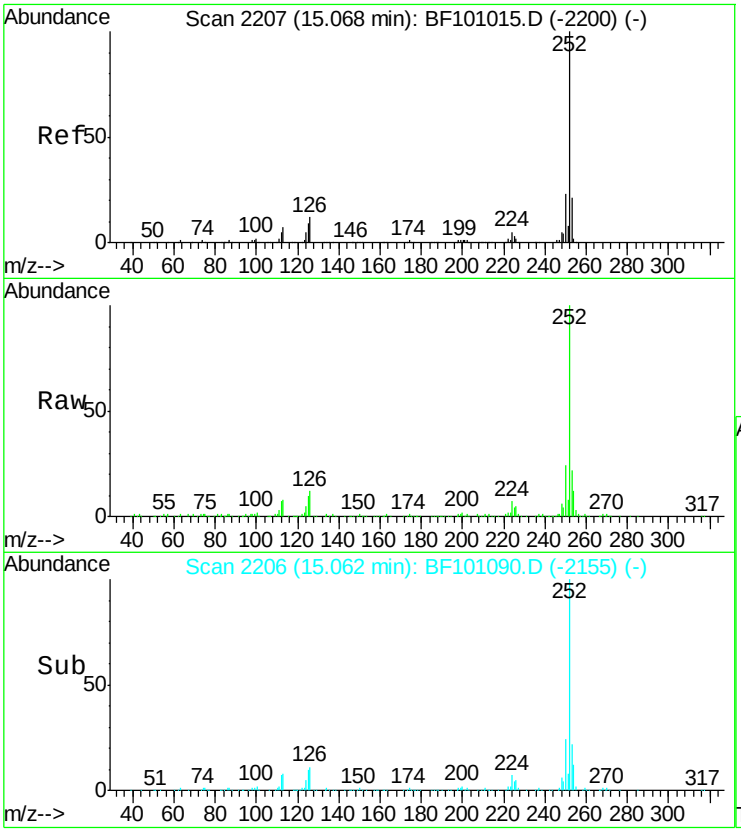


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Tgt Ion:264 Resp: 125380

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	20.8	17.5	26.3



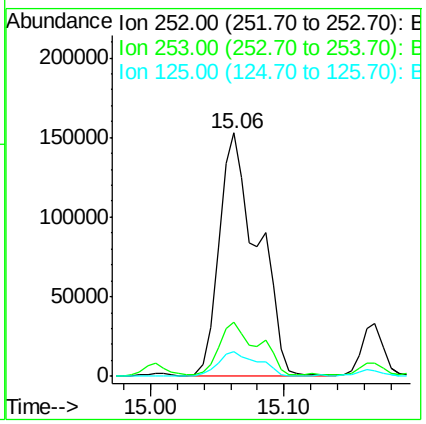


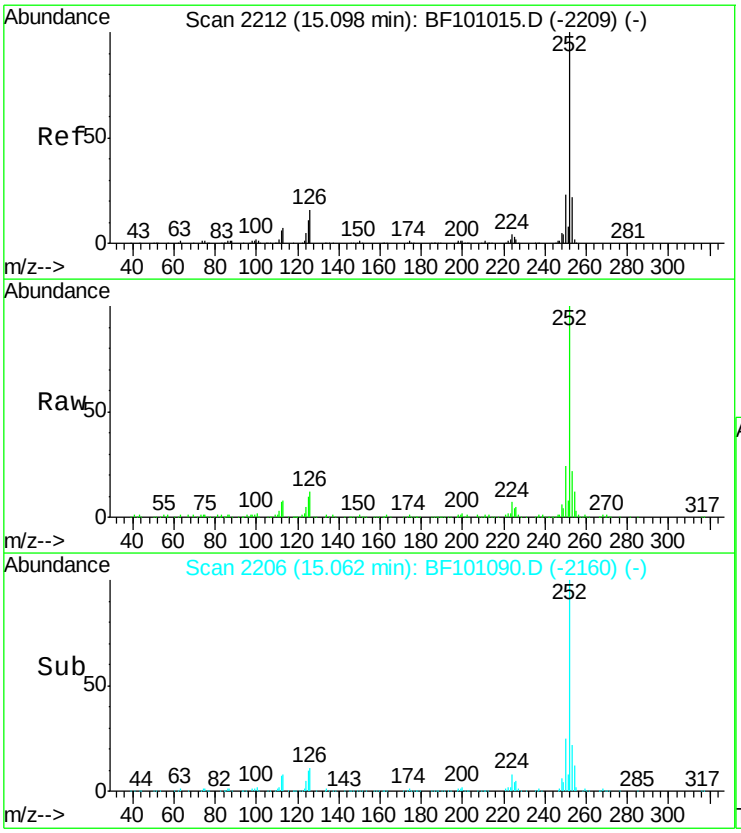
#87
Benzo(b)fluoranthene
Concen: 40.63 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 305109

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	10.2	9.0	13.6

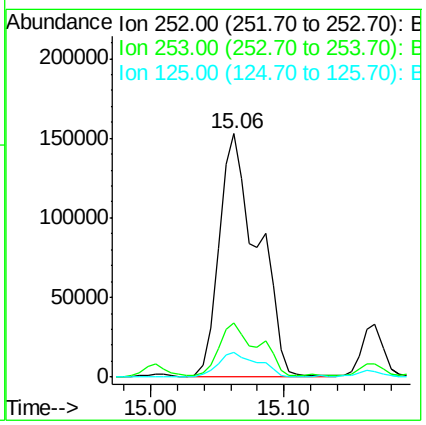


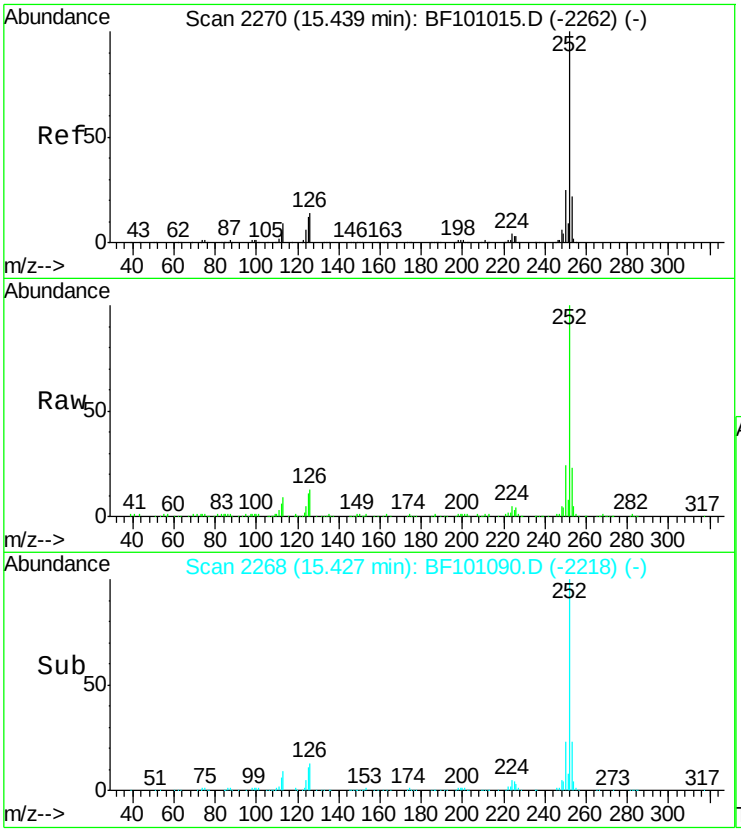


#88
Benzo(k)fluoranthene
Concen: 41.24 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.03 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Tgt Ion:252 Resp: 305109

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.2	10.2	15.2



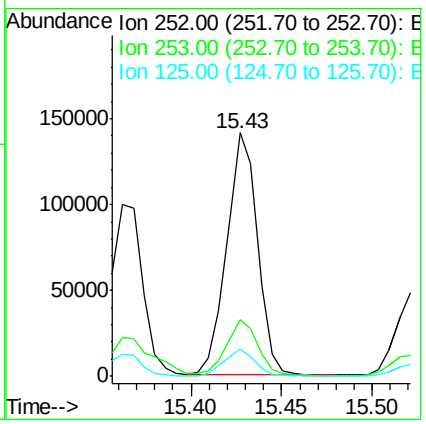


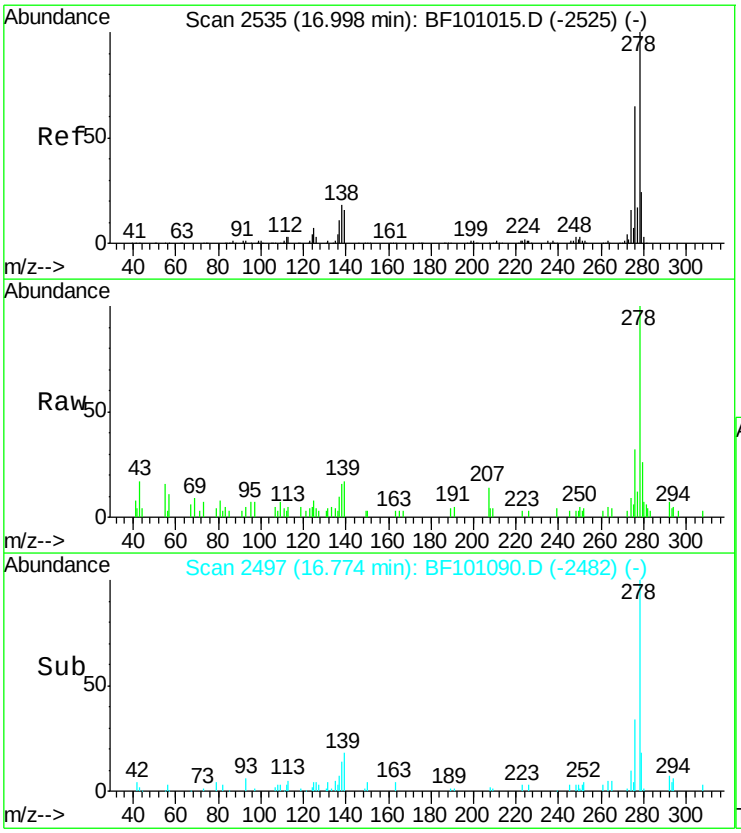
#89
Benzo(a)pyrene
Concen: 24.47 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 167070

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	11.0	9.8	14.6

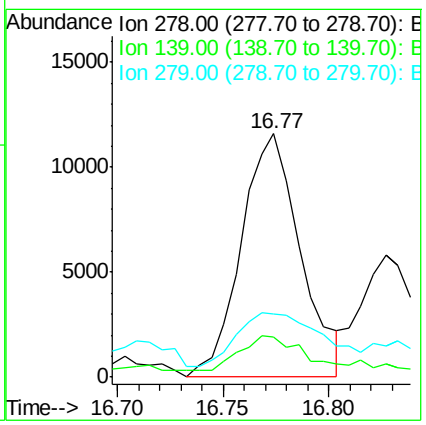


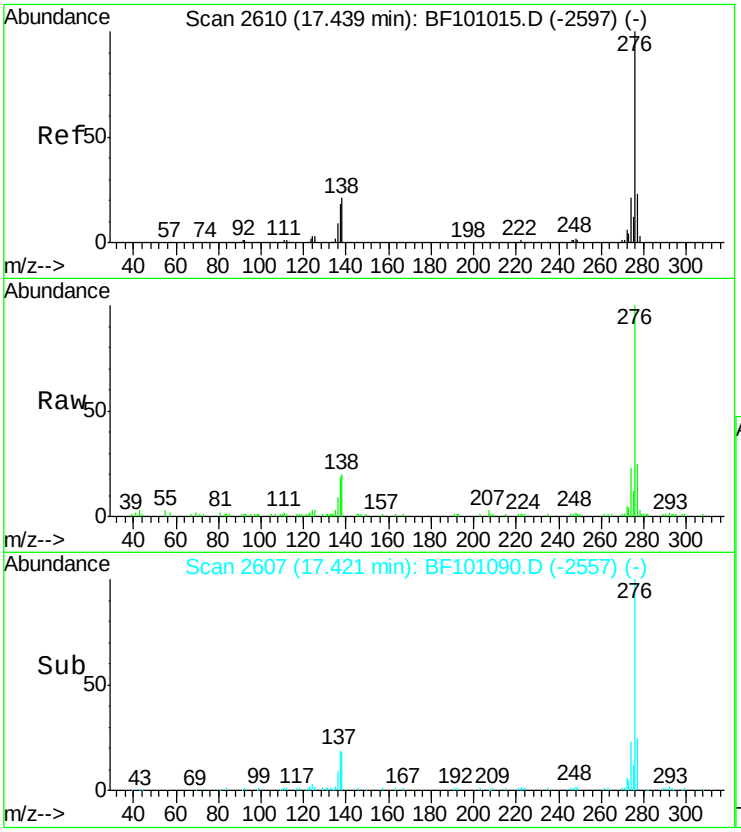


#90
Dibenzo(a,h)anthracene
Concen: 3.76 ng
RT: 16.77 min Scan# 2497
Delta R.T. -0.21 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Tgt Ion:278 Resp: 22627

Ion	Ratio	Lower	Upper
278	100		
139	16.7	15.9	23.9
279	25.9	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 21.88 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BF101090.D
Acq: 4 Dec 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 124090

Ion	Ratio	Lower	Upper
276	100		
277	25.2	17.9	26.9
138	20.1	21.8	32.8#