Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022818\
Data File : BF103322.D
Acq On : 1 Mar 2018 4:44
Operator : SJ/JU
Sample : J1399-09DL 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 01 05:53:00 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 17:05:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	125325	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	518199	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	211602	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	297875	20.00	ng		0.00
75) Chrysene-d12	14.06	240	221316	20.00	ng		0.00
86) Perylene-d12	15.55	264	177992	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	76909	9.28	ng		0.00
7) Phenol-d6	6.51	99	91951	9.07	ng		0.00
23) Nitrobenzene-d5	7.44	82	54119	5.96	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	10635	5.94	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	99451	4.26	ng		0.00
78) Terphenyl-d14	12.99	244	58736	6.38	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.47	77	233	Below Cal		#	1
25) Isophorone	7.44	82	54118	3.028	ng	#	64
31) Naphthalene	8.18	128	67776	2.672	ng		99
37) 2-Methylnaphthalene	8.87	142	47545	2.900	ng		93
50) 2,6-Dinitrotoluene	9.91	165	27707	7.778	ng	#	26
51) Acenaphthene	9.95	154	42192	3.352	ng		99
54) Dibenzofuran	10.12	168	38429	2.224	ng		95
55) 4-Nitrophenol	10.12	139	16350	5.837	ng	#	10
57) Fluorene	10.46	166	72913	4.954	ng		99
70) Phenanthrene	11.43	178	458156	27.948	ng		99
71) Anthracene	11.48	178	125472	7.464	ng		98
74) Fluoranthene	12.62	202	446963	27.133	ng		98
77) Pyrene	12.86	202	401054	23.243	ng		99
80) Benzo(a)anthracene	14.04	228	182333	12.697	ng		98
82) Chrysene	14.08	228	143551	10.296	ng		98
85) Indeno(1,2,3-cd)pyrene	17.07	276	46018	4.169	ng		98
87) Benzo(b)fluoranthene	15.12	252	197073	16.840	ng		96
88) Benzo(k)fluoranthene	15.12	252	197073	17.883	ng		99
89) Benzo(a)pyrene	15.49	252	99809	9.551	ng	#	94
91) Benzo(g,h,i)perylene	17.54	276	42950	5.442	ng		93

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

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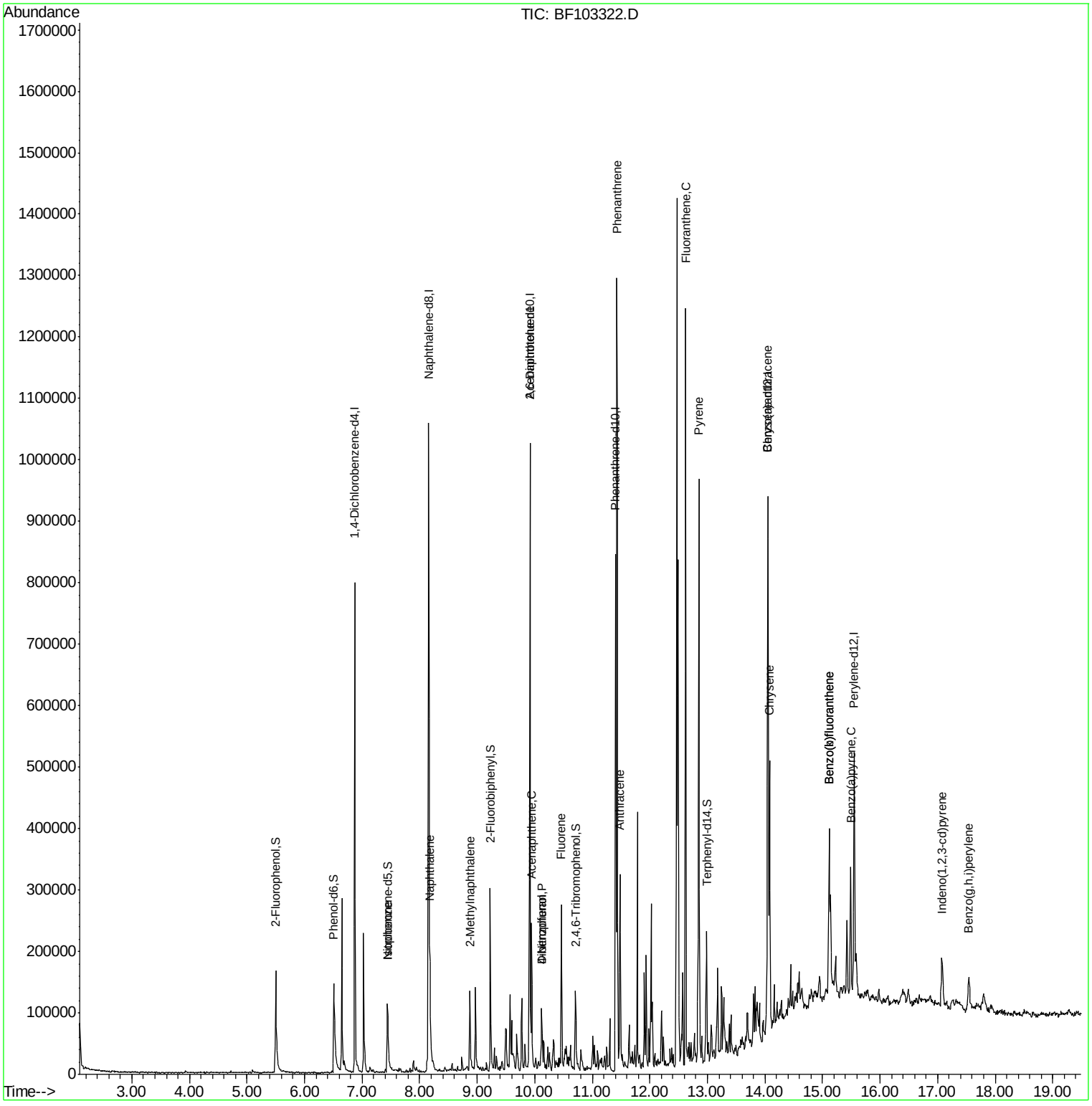
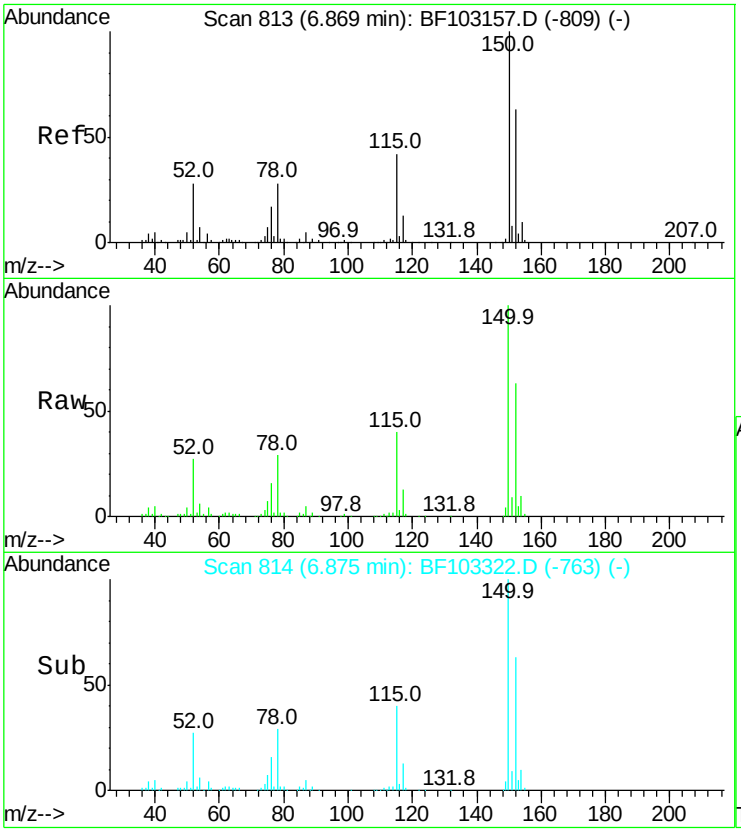


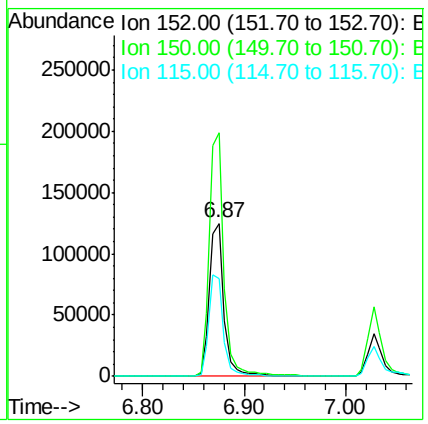


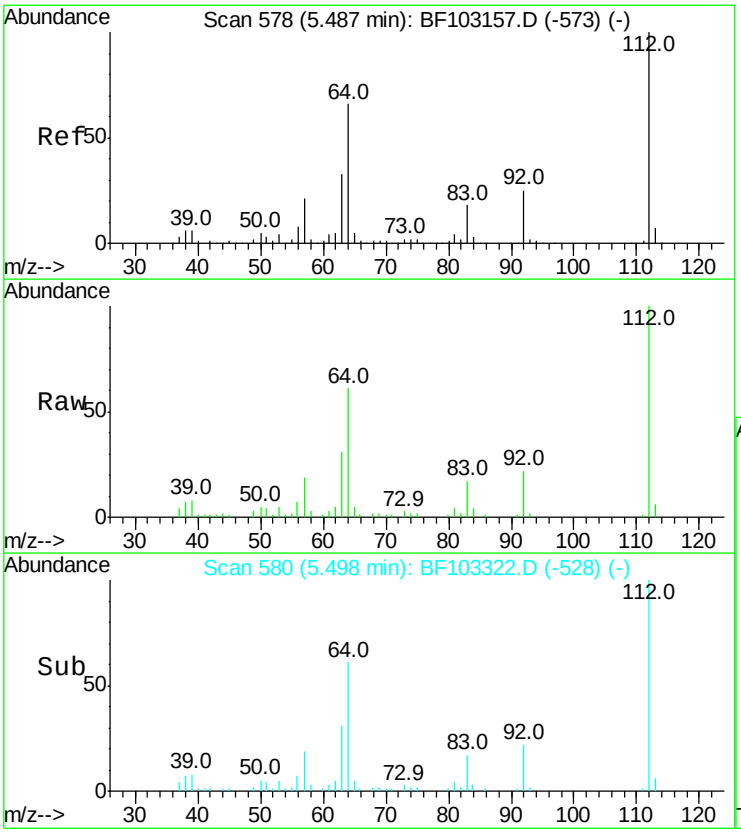
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 125325

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	63.7	50.1	75.1

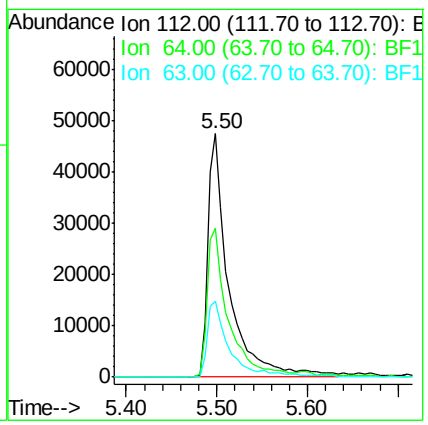


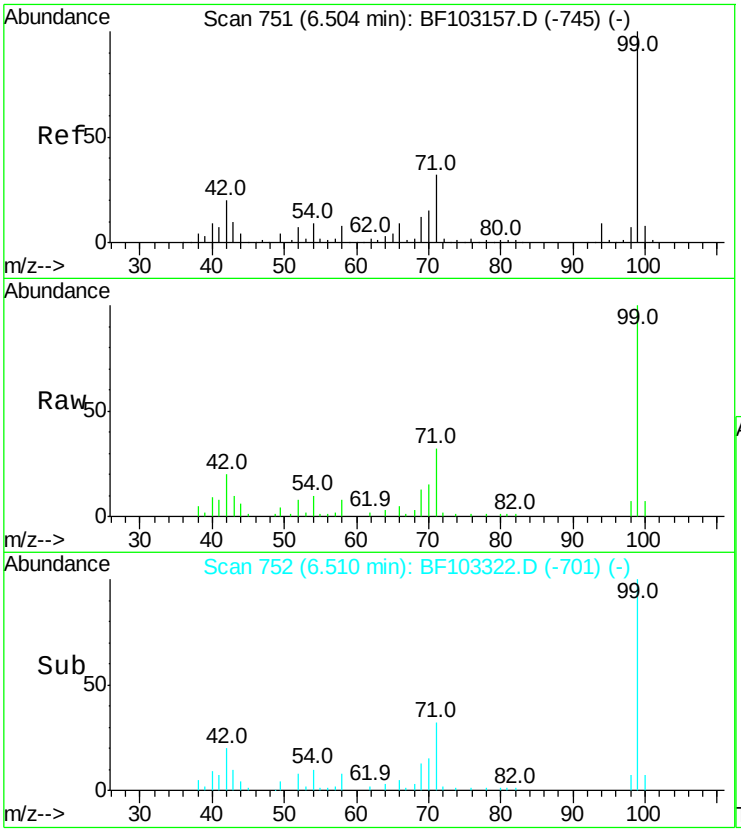


#5
2-Fluorophenol
Concen: 9.281 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Tgt Ion:112 Resp: 76909

Ion	Ratio	Lower	Upper
112	100		
64	60.9	47.9	71.9
63	30.9	23.7	35.5



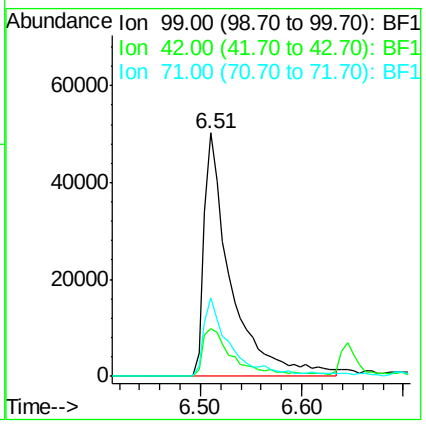


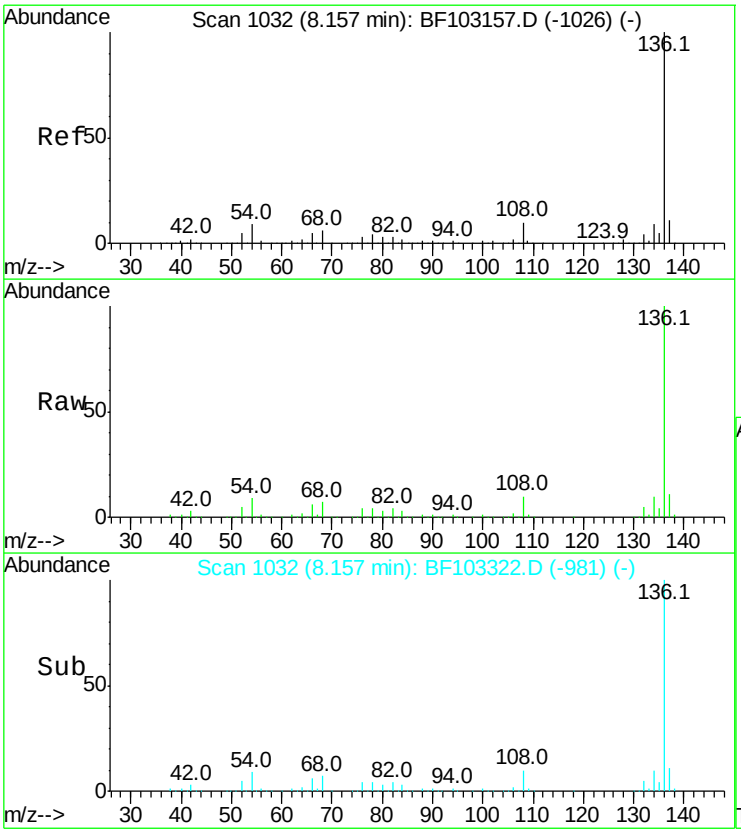
#7
Phenol-d6
Concen: 9.069 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 91951

Ion	Ratio	Lower	Upper
99	100		
42	19.8	14.5	21.7
71	32.4	25.4	38.0

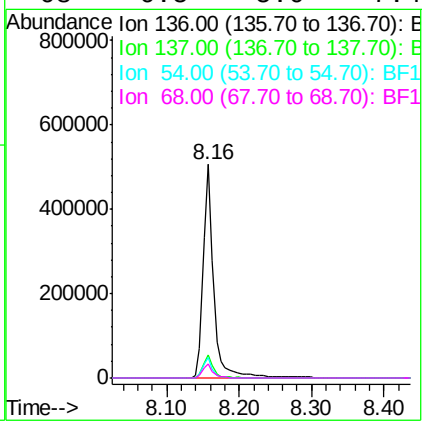


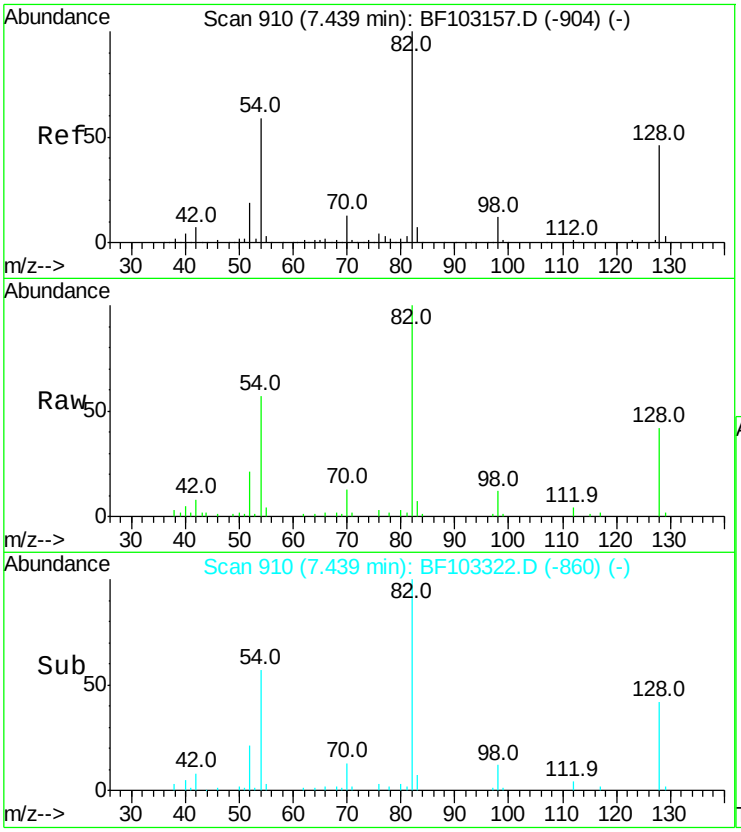


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Tgt Ion:136 Resp: 518199

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.4	6.6	9.8
68	6.5	5.0	7.4



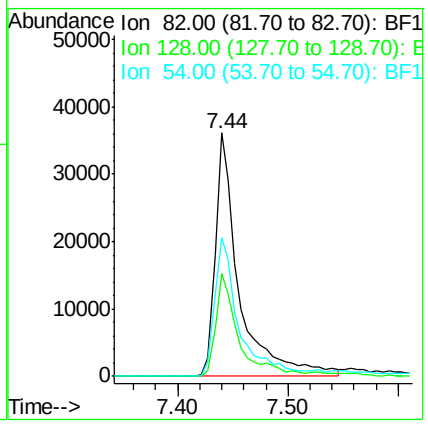


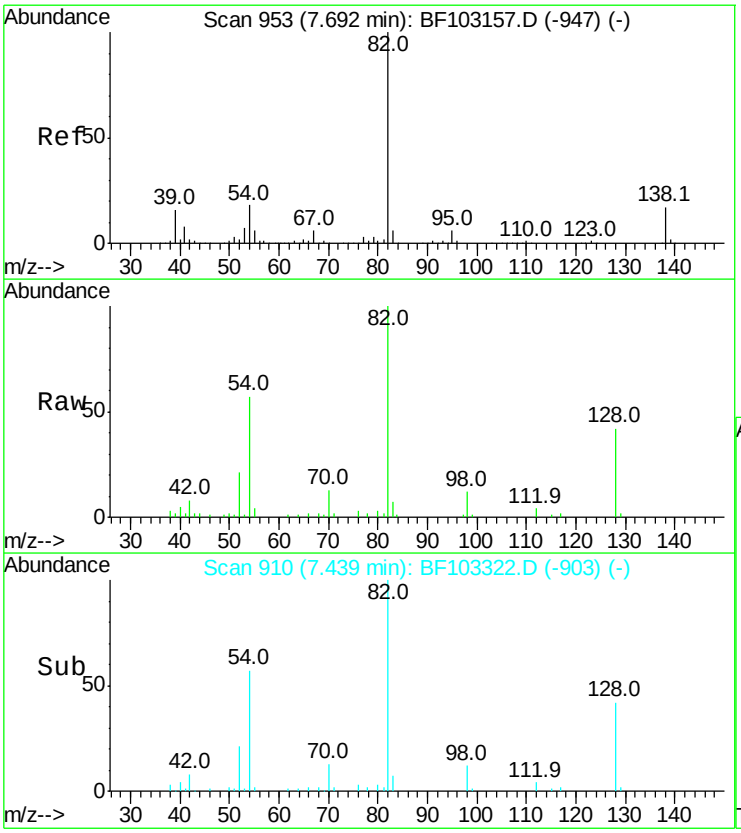
#23
Nitrobenzene-d5
Concen: 5.964 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 54119

Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	57.0	41.4	62.2

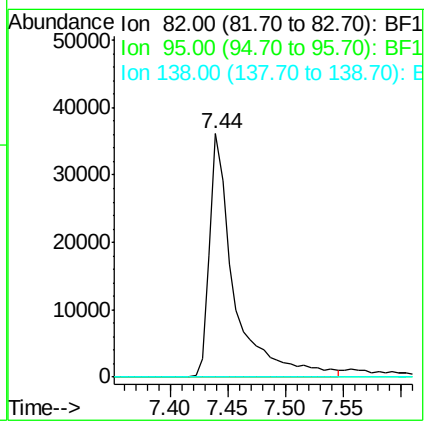


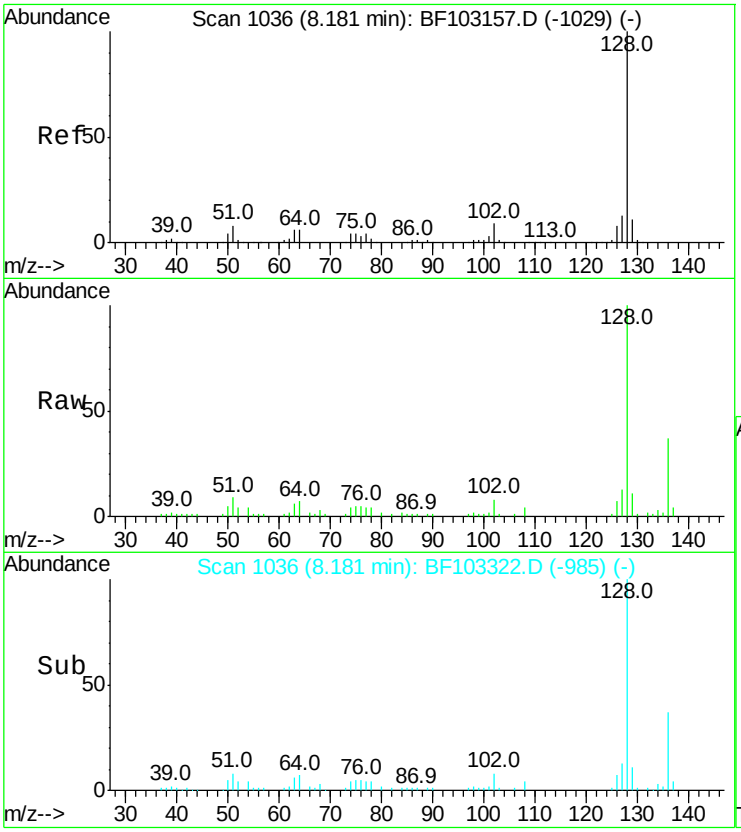


#25
Isophorone
Concen: 3.028 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Tgt Ion: 82 Resp: 54118

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



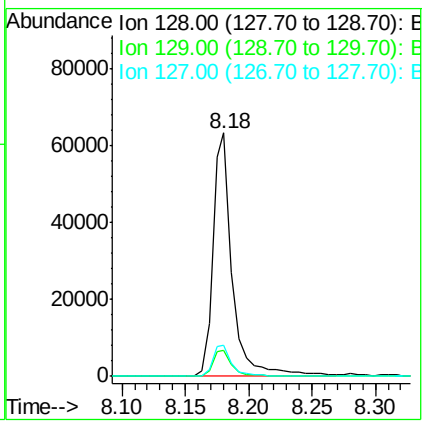


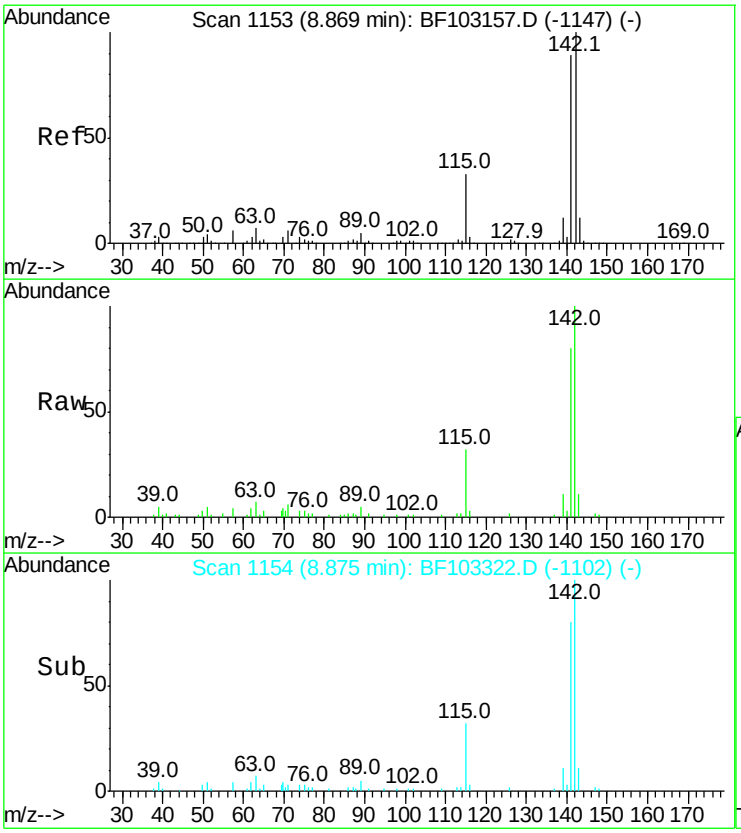
#31
Naphthalene
Concen: 2.672 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 67776

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.8	10.9	16.3

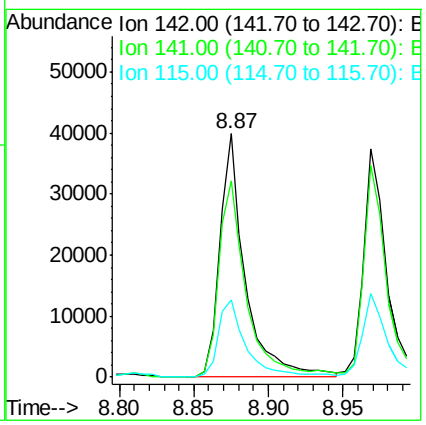


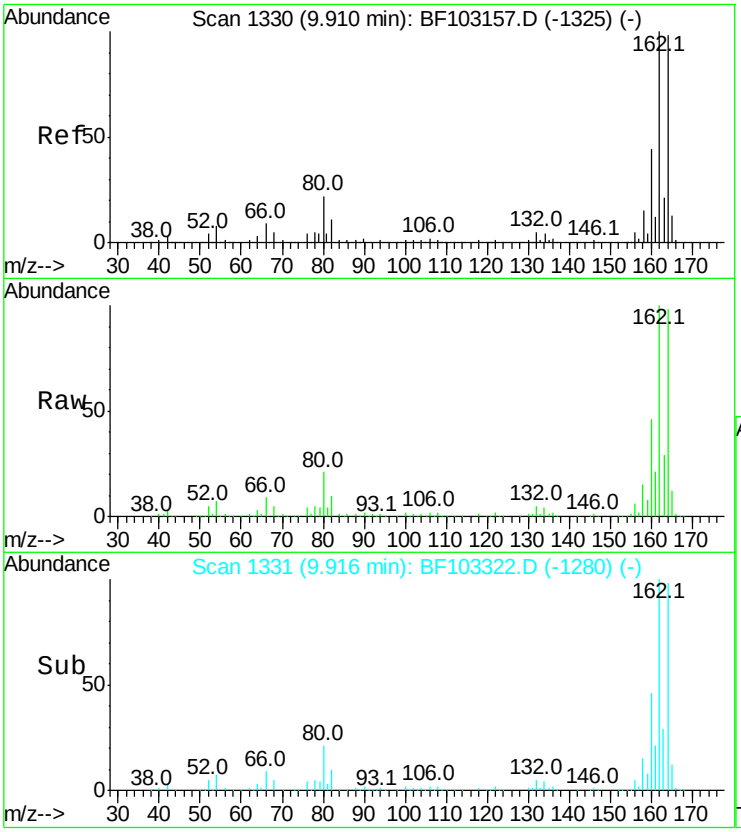


#37
2-Methylnaphthalene
Concen: 2.900 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Tgt Ion:142 Resp: 47545

Ion	Ratio	Lower	Upper
142	100		
141	80.5	70.8	106.2
115	31.6	26.1	39.1



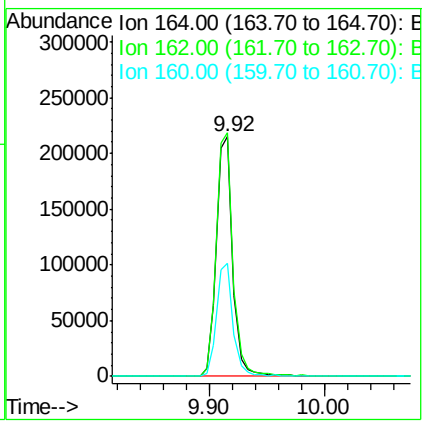


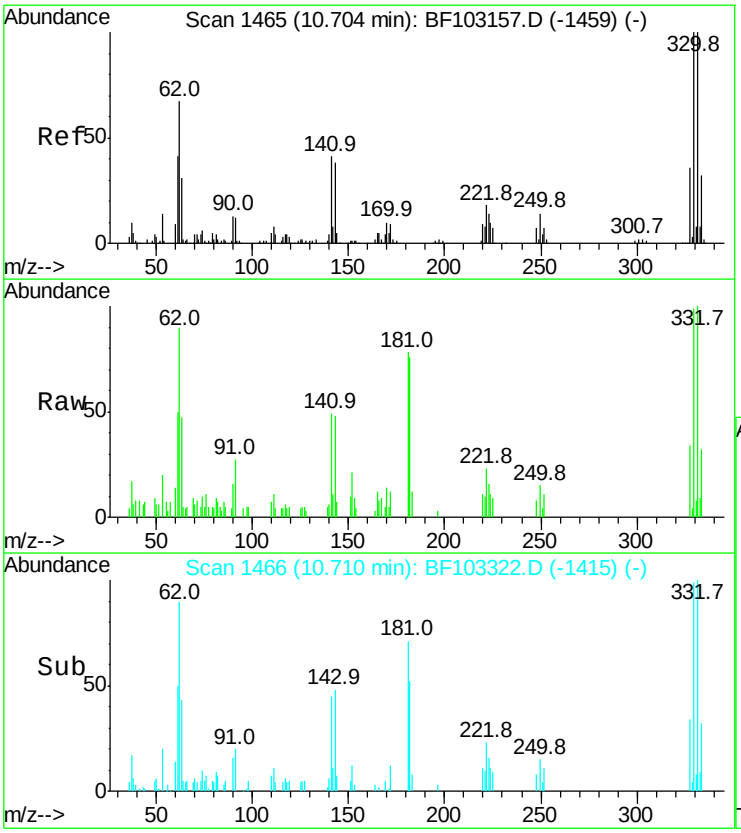
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 211602

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	47.1	38.3	57.5

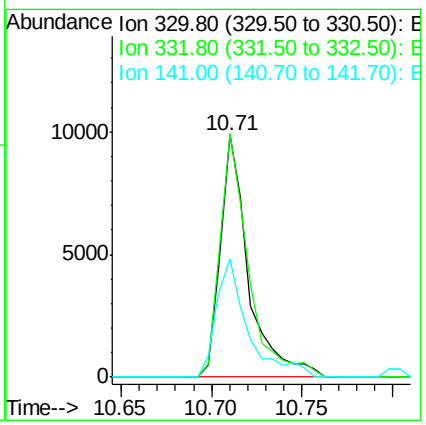


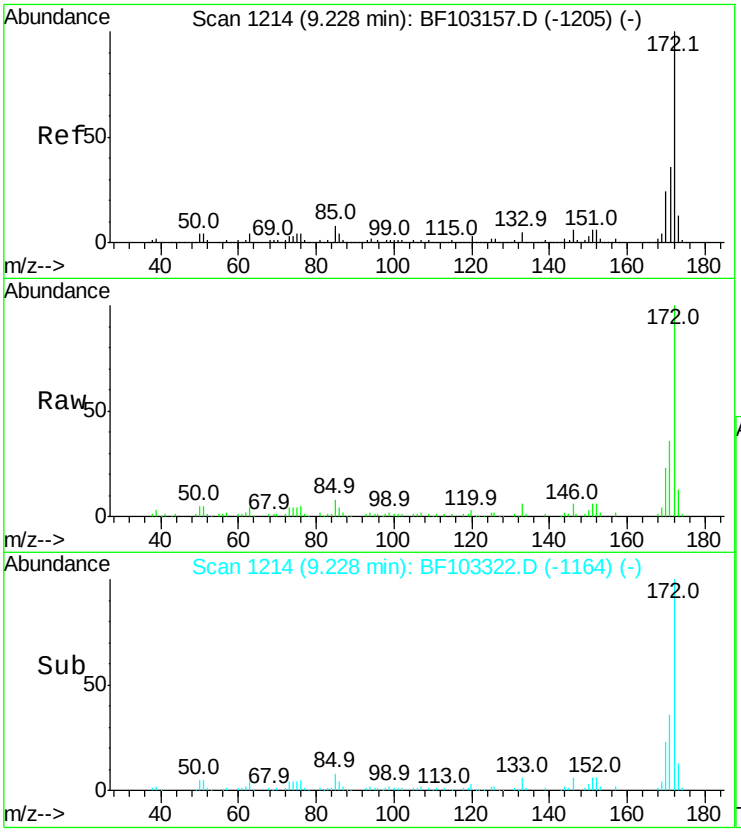


#41
2,4,6-Tribromophenol
Concen: 5.938 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Tgt Ion:330 Resp: 10635

Ion	Ratio	Lower	Upper
330	100		
332	102.0	77.0	115.6
141	54.5	29.9	44.9#



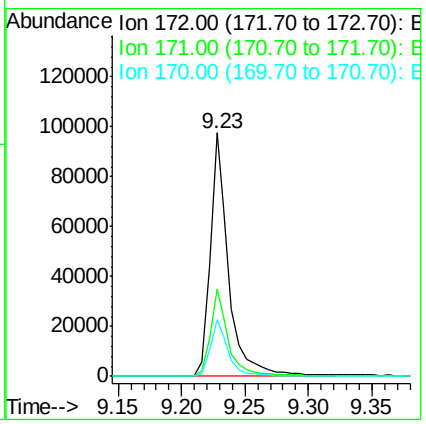


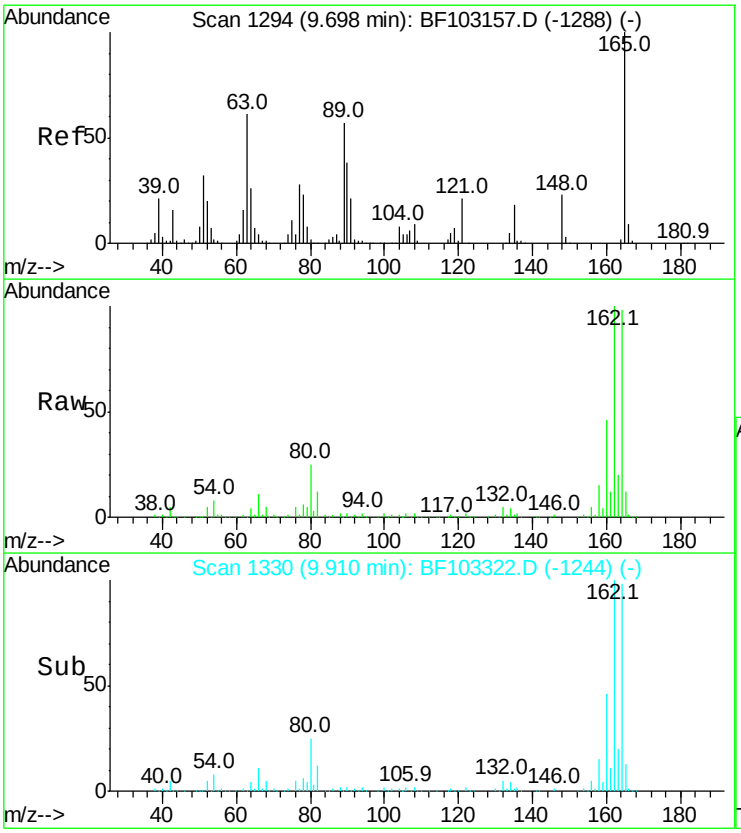
#44
2-Fluorobiphenyl
Concen: 4.262 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 99451

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.1	19.6	29.4

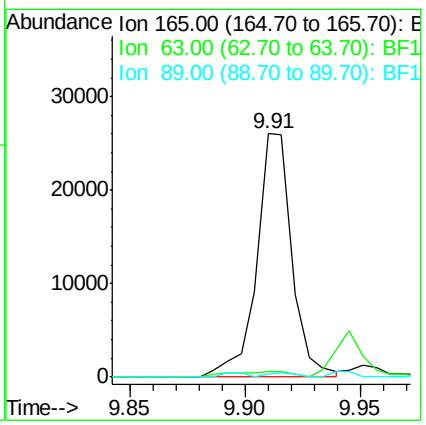


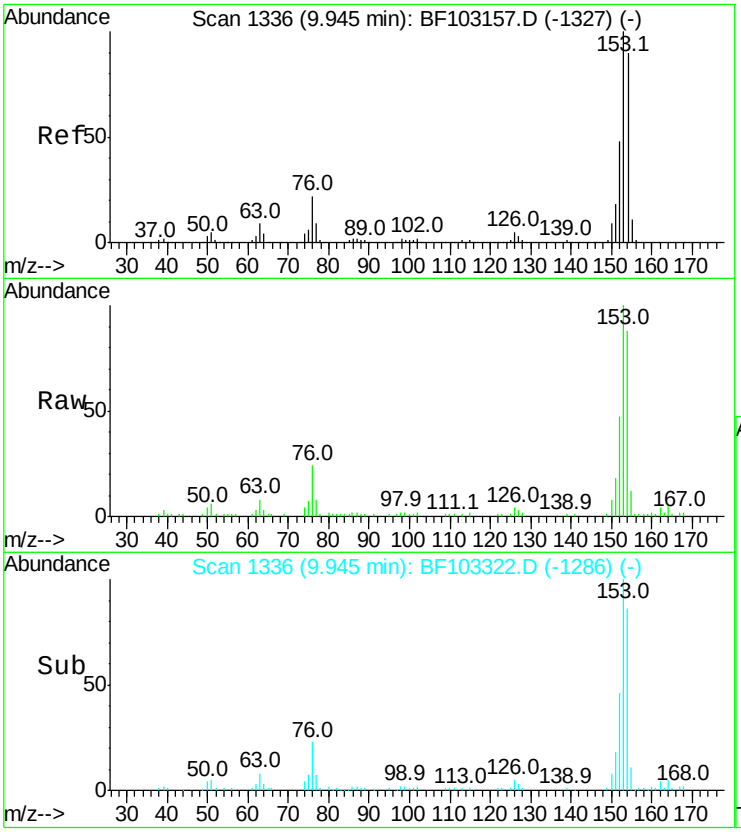


#50
2,6-Dinitrotoluene
Concen: 7.778 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Tgt Ion:165 Resp: 27707

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.7	67.1#
89	1.2	44.0	66.0#



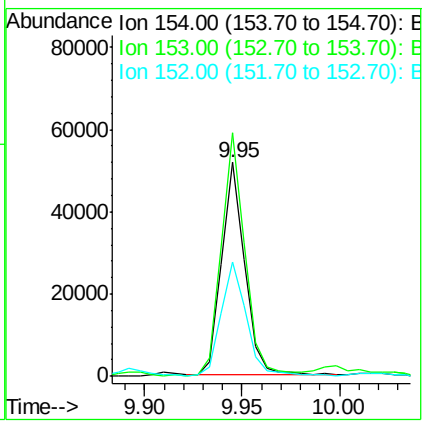


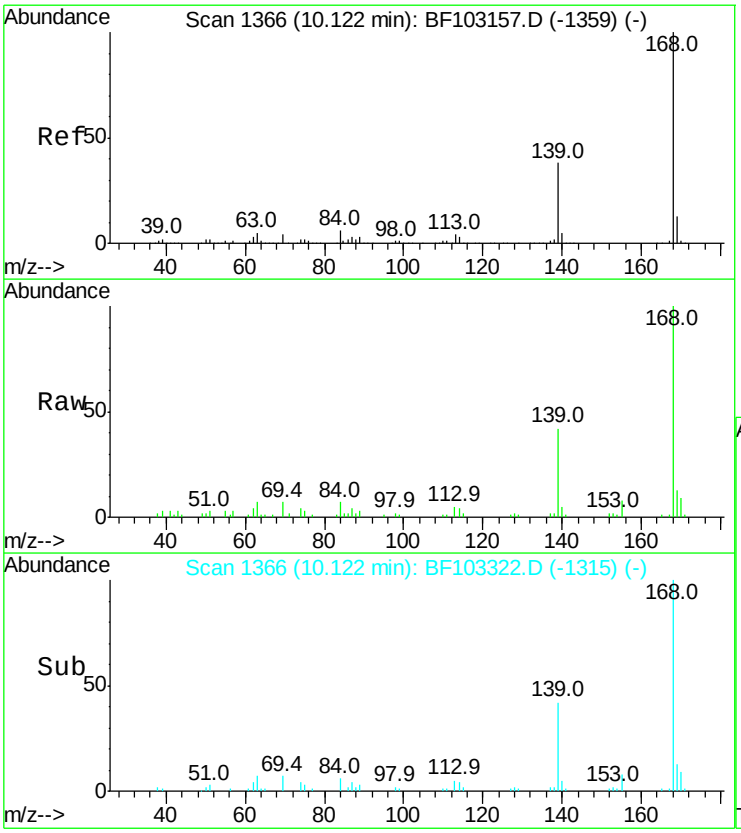
#51
Acenaphthene
Concen: 3.352 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 42192

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.2	136.8
152	53.4	43.8	65.8

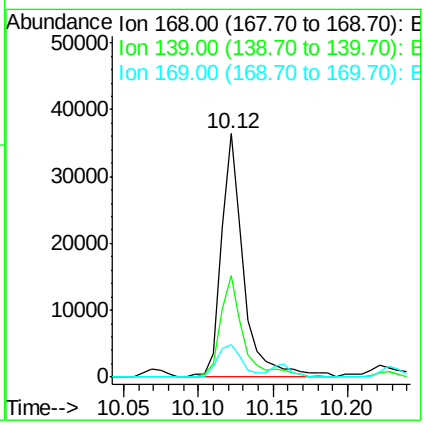


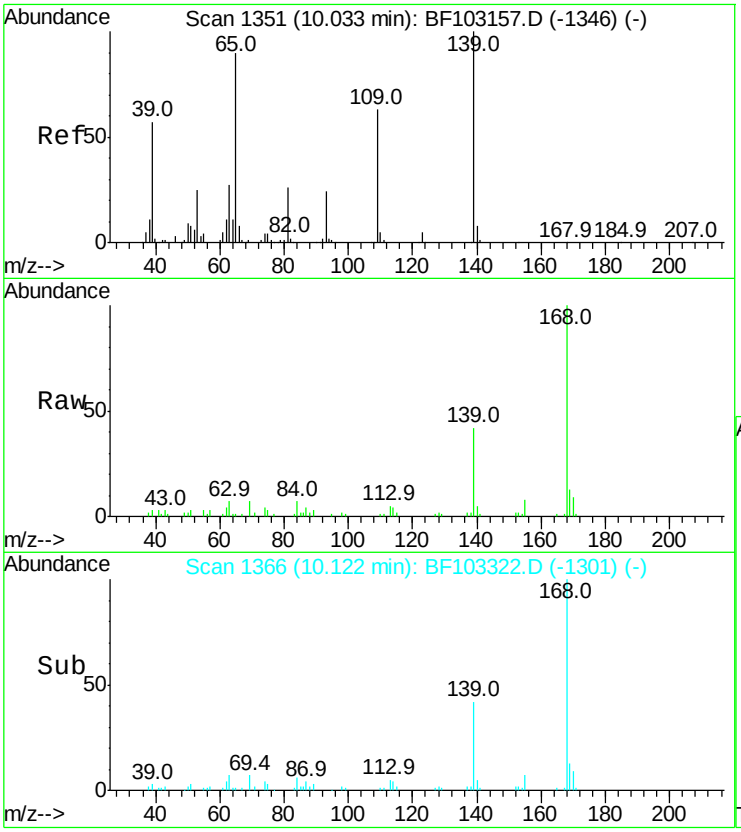


#54
Dibenzofuran
Concen: 2.224 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Tgt Ion:168 Resp: 38429

Ion	Ratio	Lower	Upper
168	100		
139	41.6	30.1	45.1
169	13.4	10.9	16.3



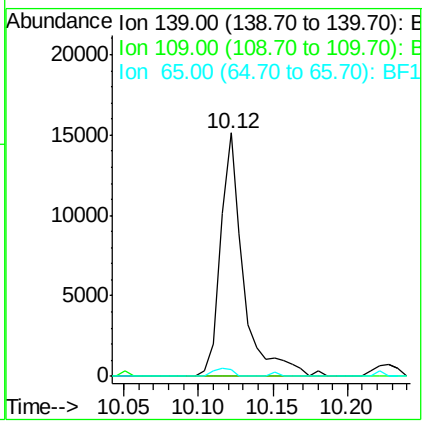


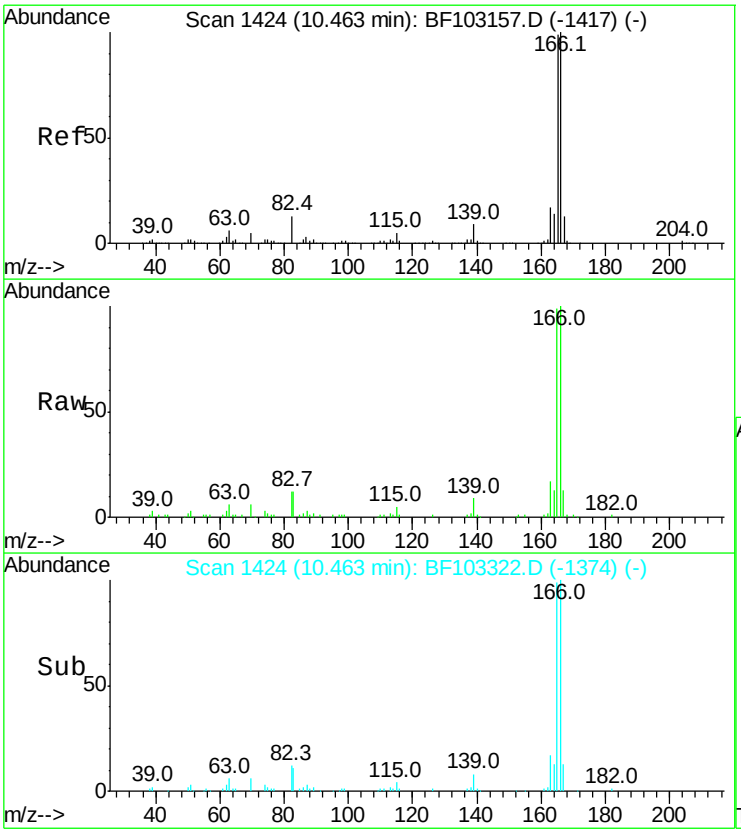
#55
4-Nitrophenol
Concen: 5.837 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.08 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 16350

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	2.9	72.6	112.6#

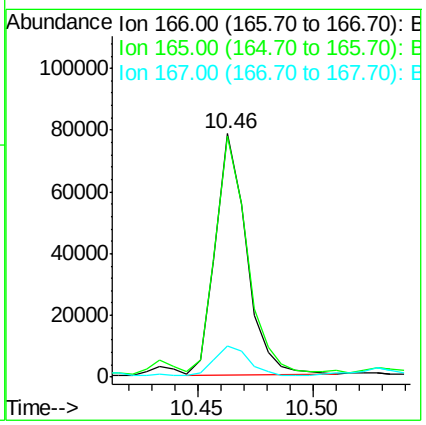


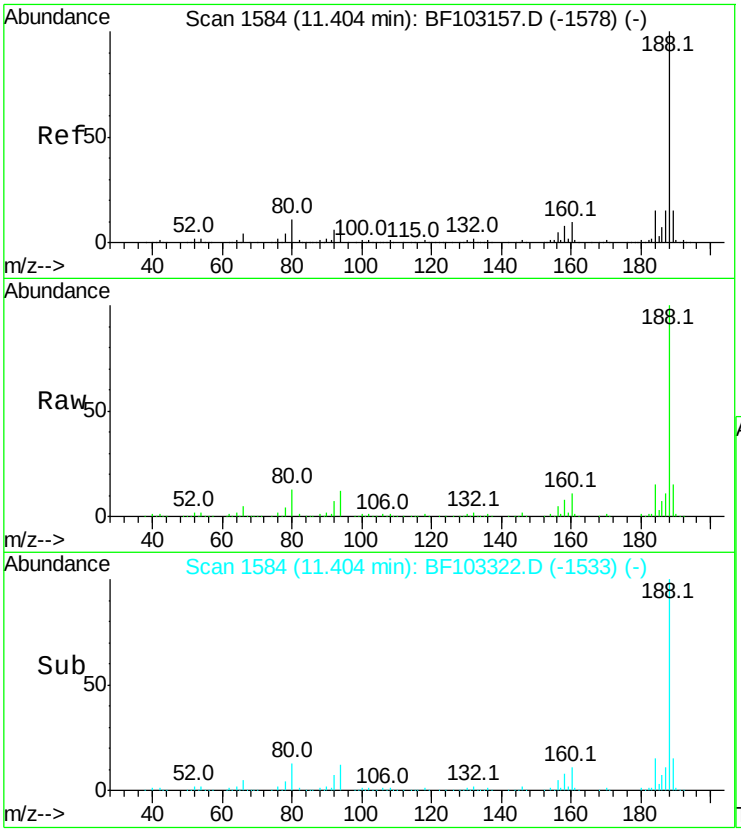


#57
Fluorene
Concen: 4.954 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Tgt Ion:166 Resp: 72913

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	12.6	10.6	16.0



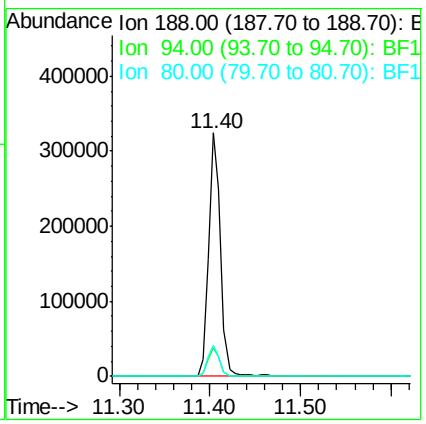


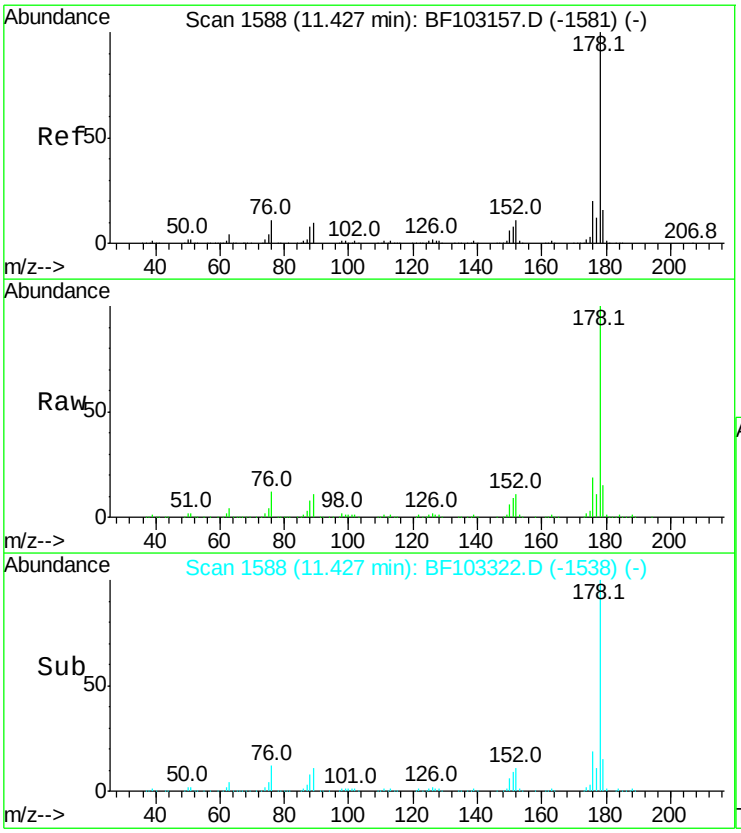
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 297875

Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.5	12.7
80	12.8	9.2	13.8

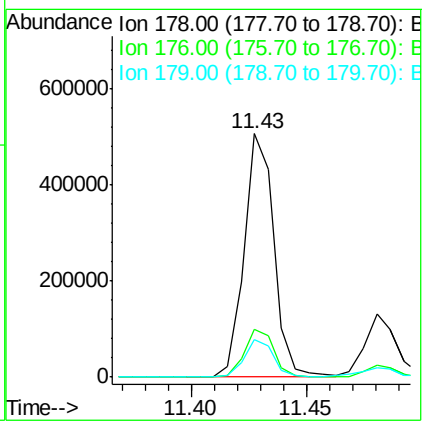


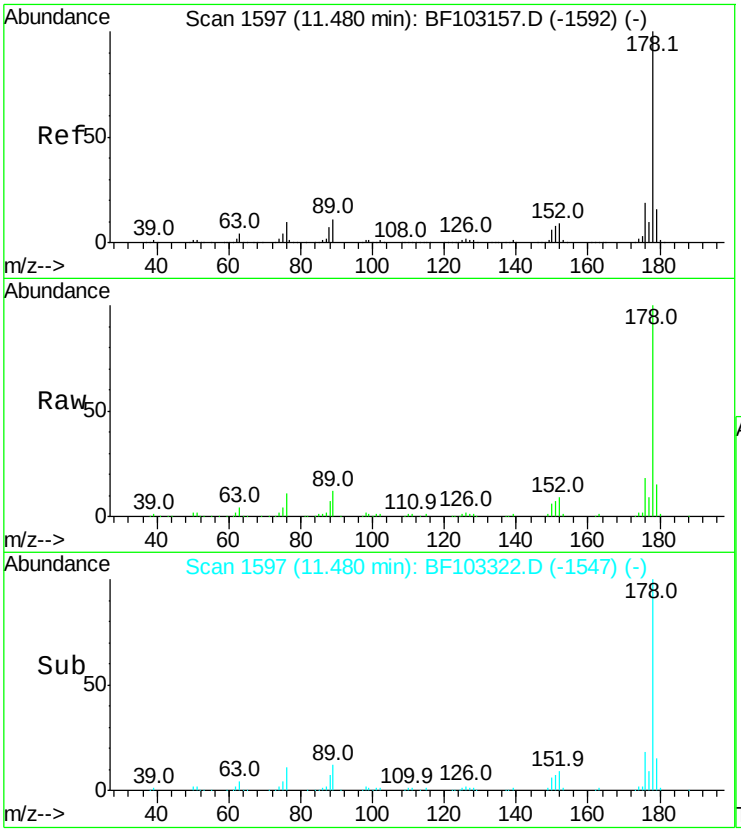


#70
Phenanthrene
Concen: 27.948 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Tgt Ion:178 Resp: 458156

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.4	13.0	19.6



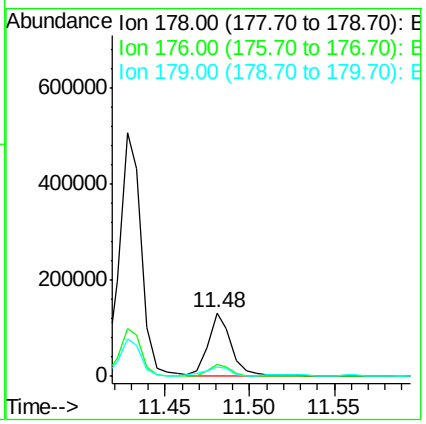


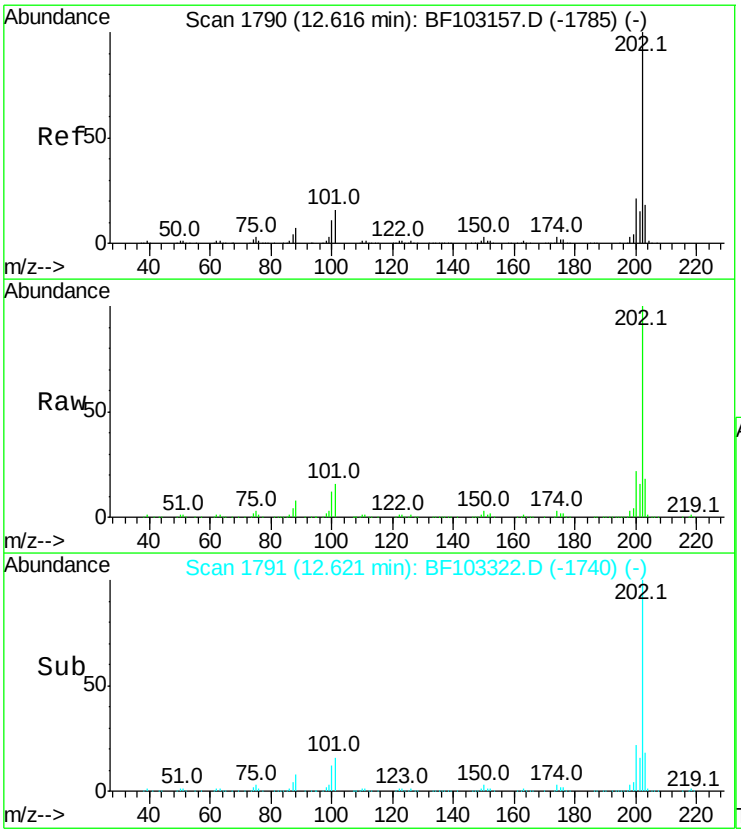
#71
Anthracene
Concen: 7.464 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 125472

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	15.1	12.6	19.0

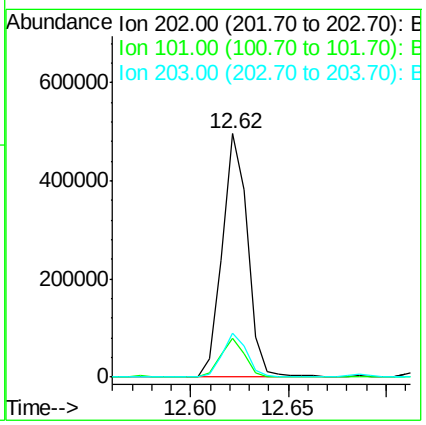


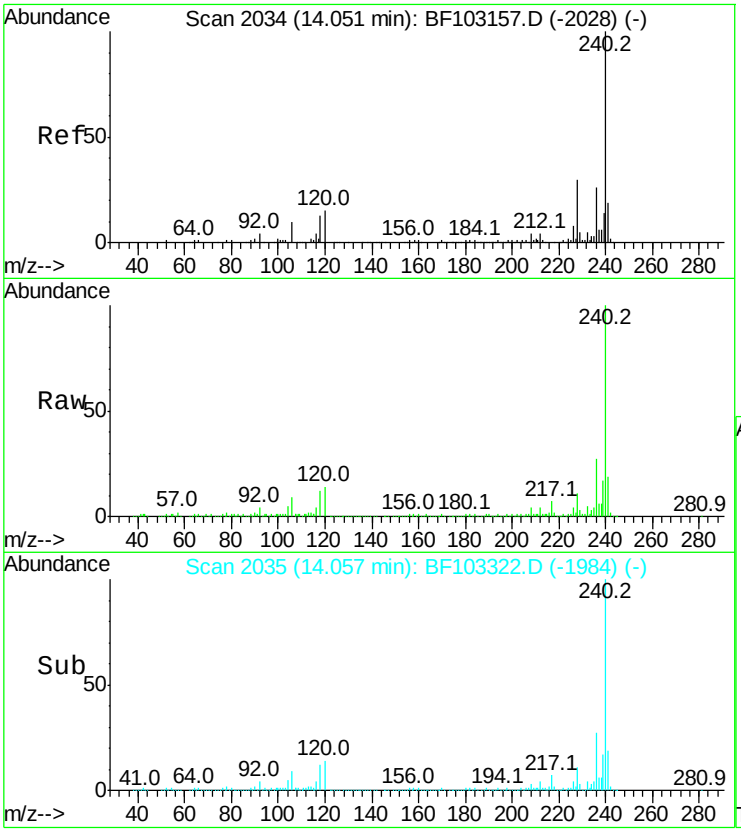


#74
Fluoranthene
Concen: 27.133 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Tgt Ion:202 Resp: 446963

Ion	Ratio	Lower	Upper
202	100		
101	15.9	0.0	34.1
203	18.2	0.0	38.1



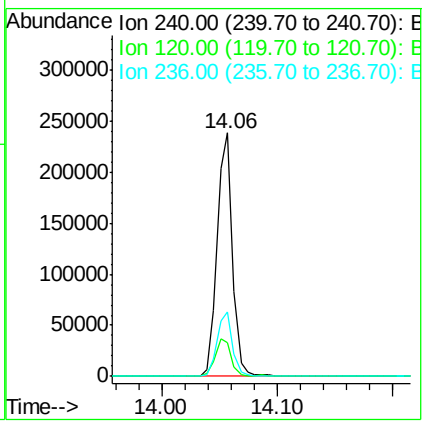


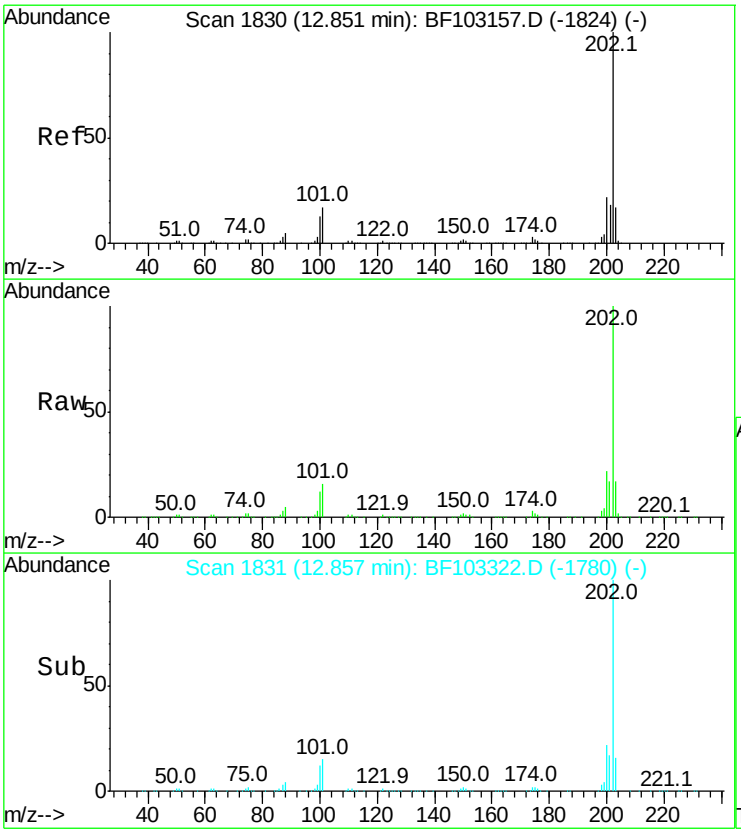
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 221316

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	26.7	20.7	31.1

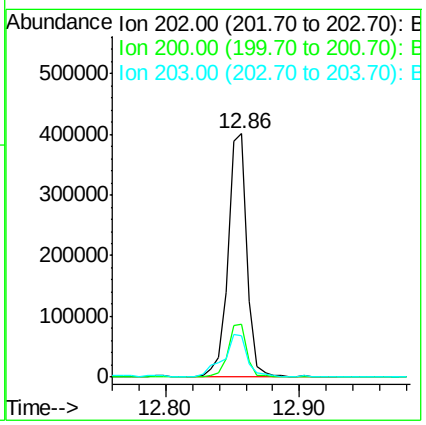


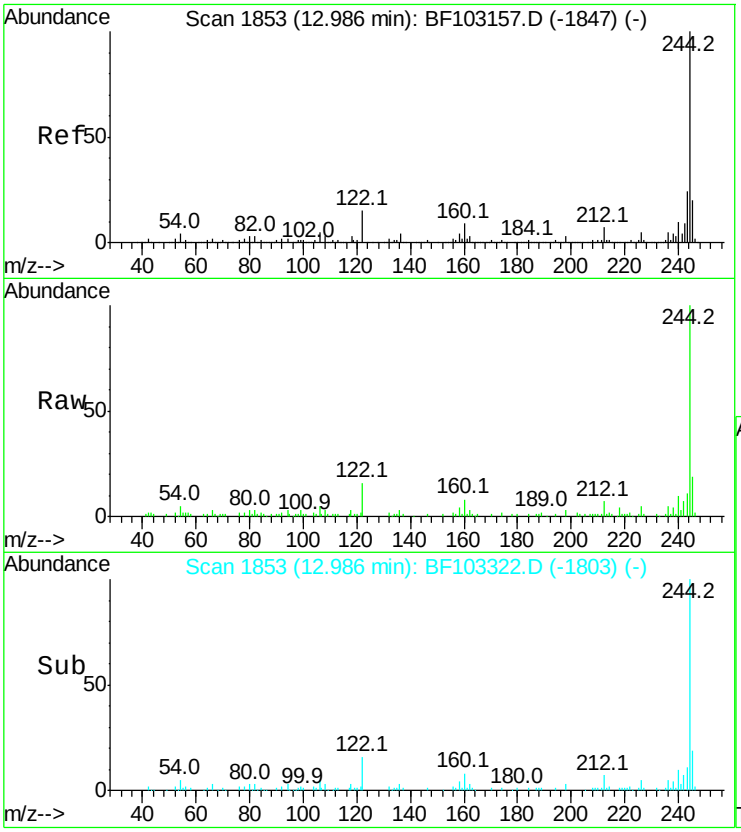


#77
Pyrene
Concen: 23.243 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Tgt Ion:202 Resp: 401054

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	16.9	14.3	21.5



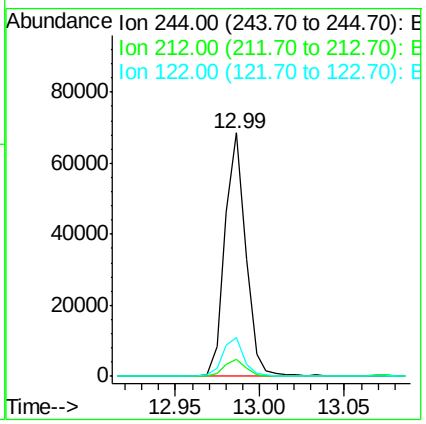


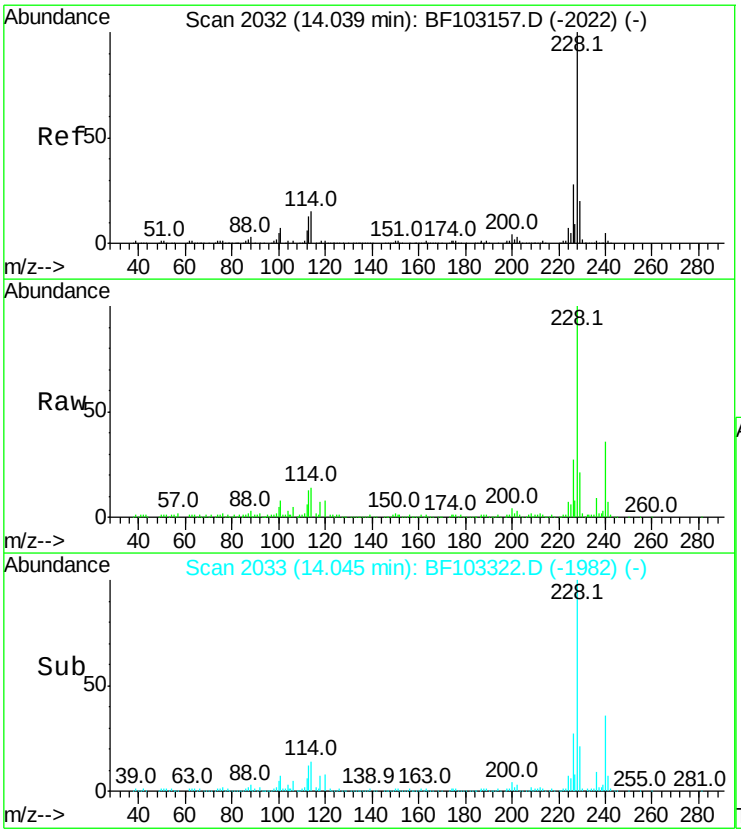
#78
Terphenyl-d14
Concen: 6.380 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 58736

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	16.1	11.0	16.4

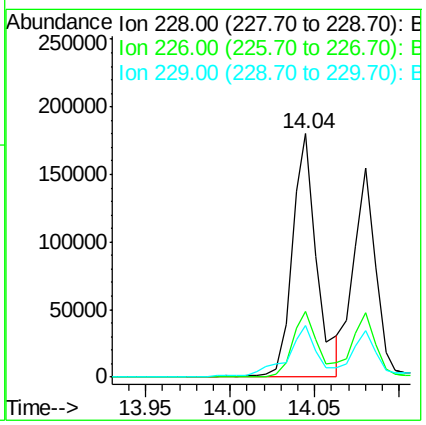


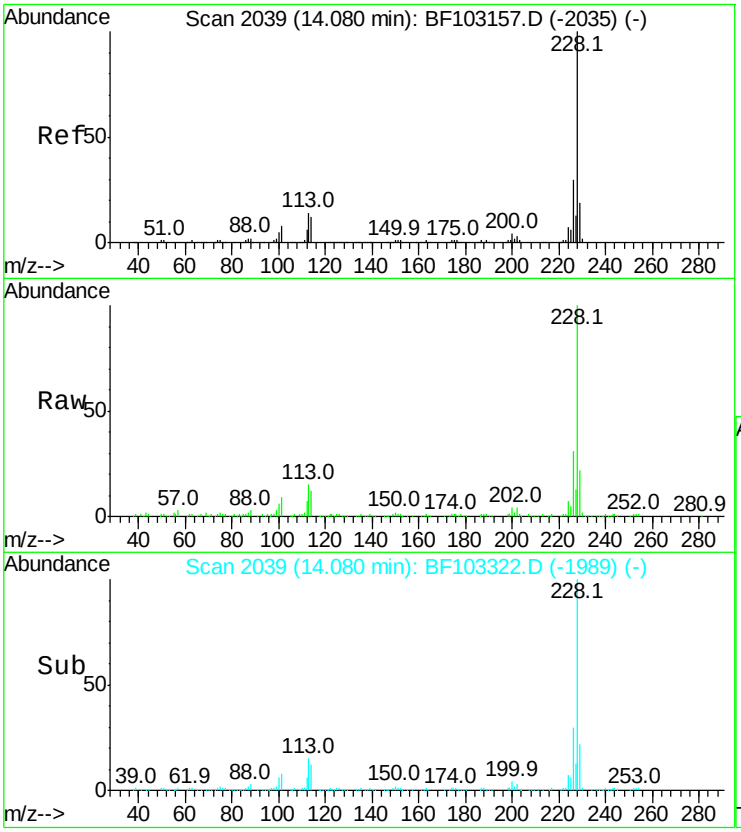


#80
Benzo(a)anthracene
Concen: 12.697 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Tgt Ion:228 Resp: 182333

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	21.0	15.8	23.6



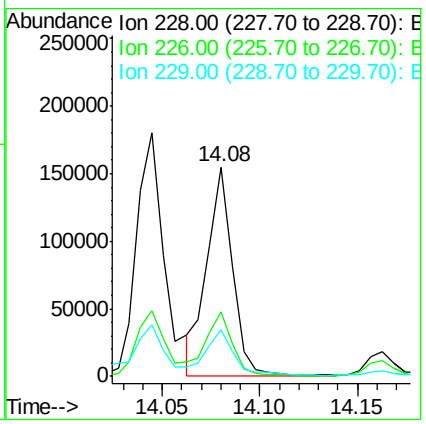


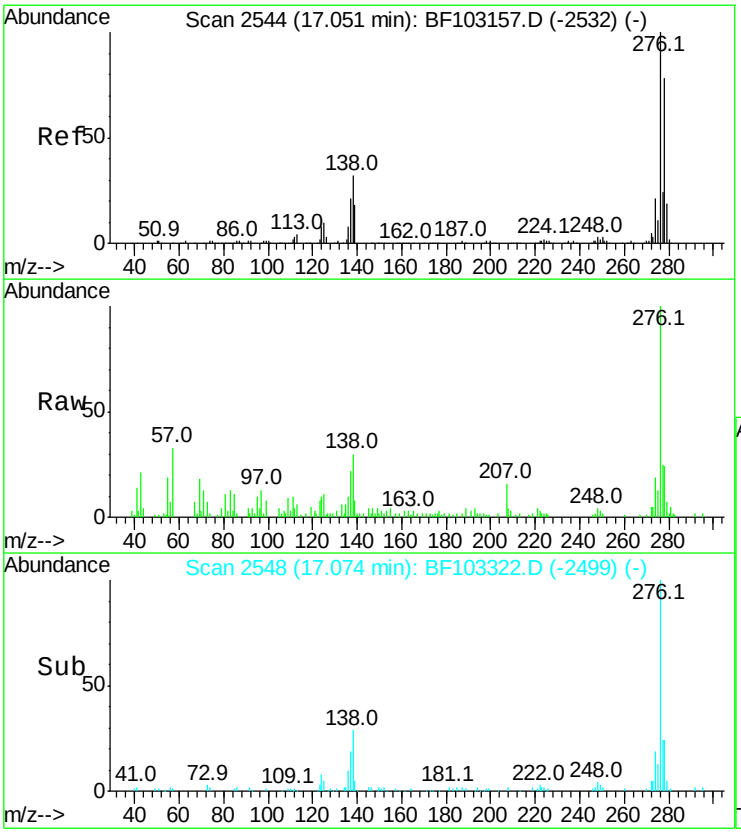
#82
Chrysene
Concen: 10.296 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 143551

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	22.2	16.2	24.4

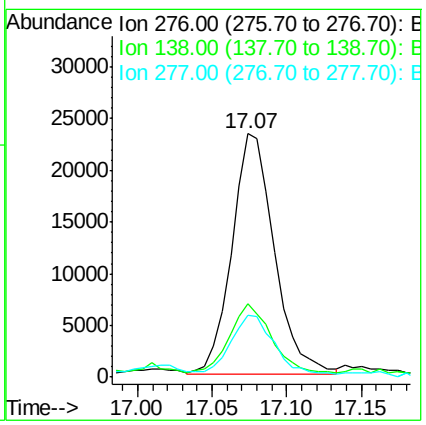


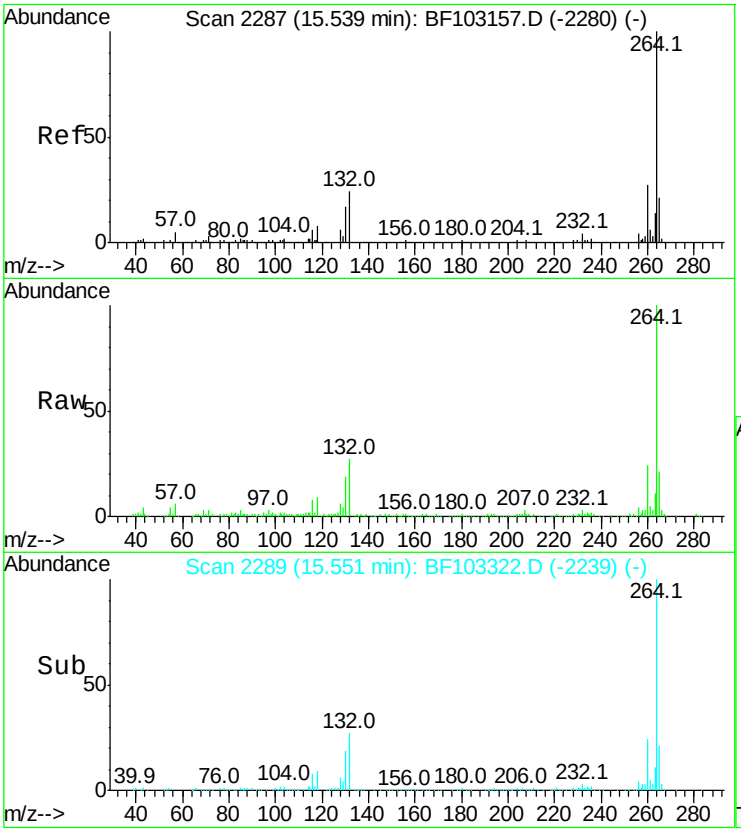


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.169 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Tgt Ion:276 Resp: 46018

Ion	Ratio	Lower	Upper
276	100		
138	30.3	25.0	37.6
277	24.4	20.1	30.1



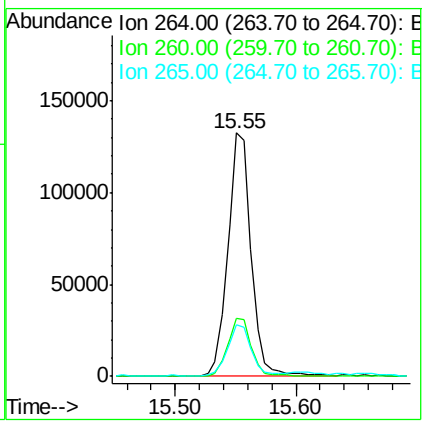


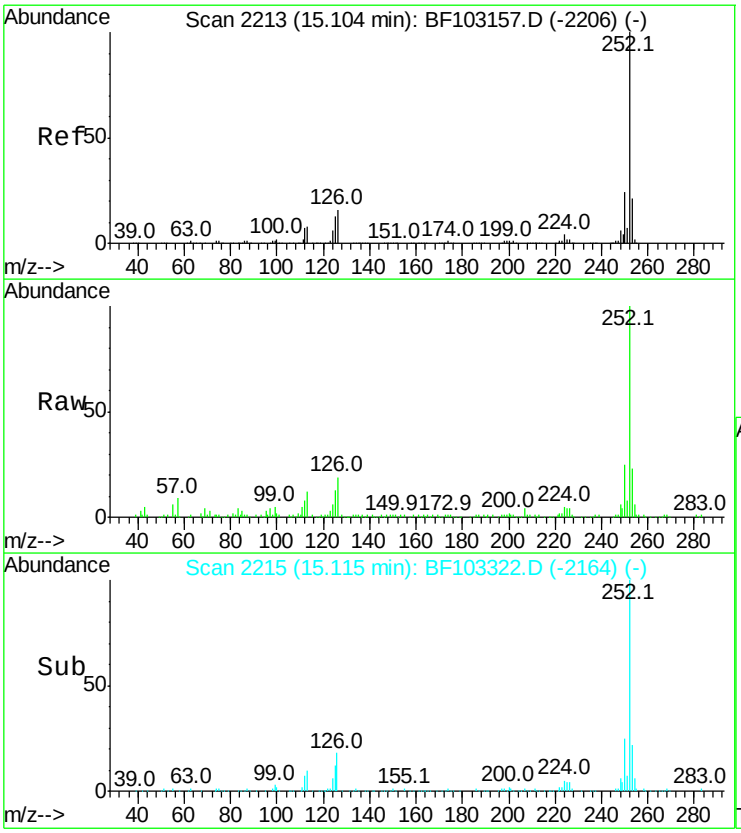
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 177992

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.5	26.3

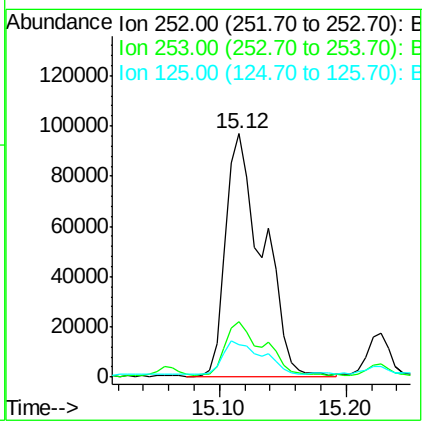


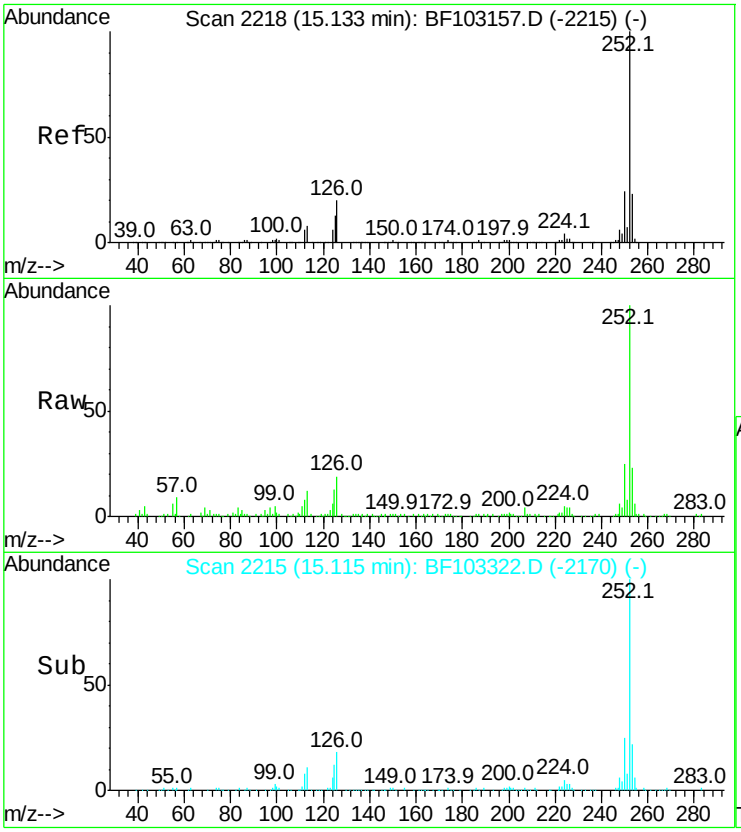


#87
Benzo(b)fluoranthene
Concen: 16.840 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Tgt Ion:252 Resp: 197073

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	13.4	9.0	13.6



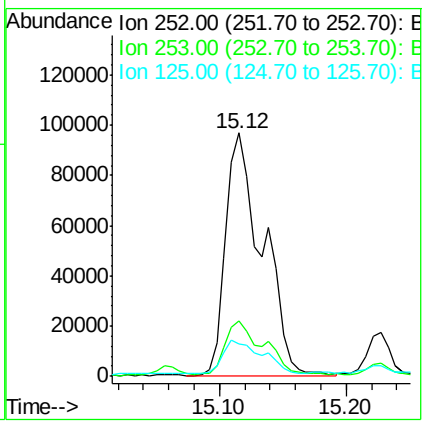


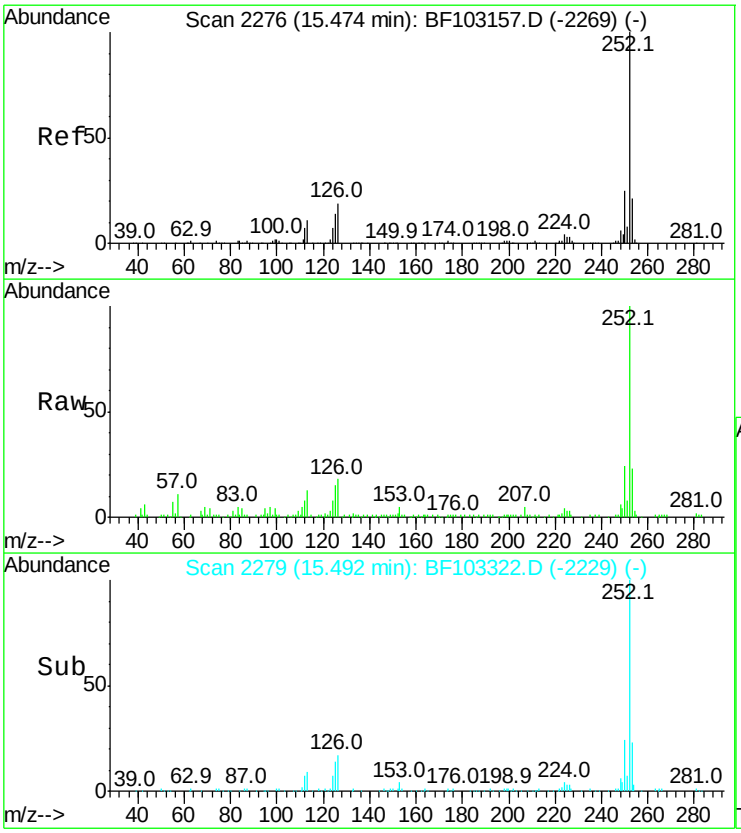
#88
Benzo(k)fluoranthene
Concen: 17.883 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.04 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 197073

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	13.4	10.2	15.2

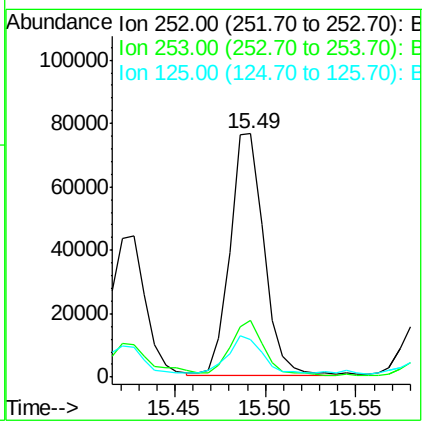


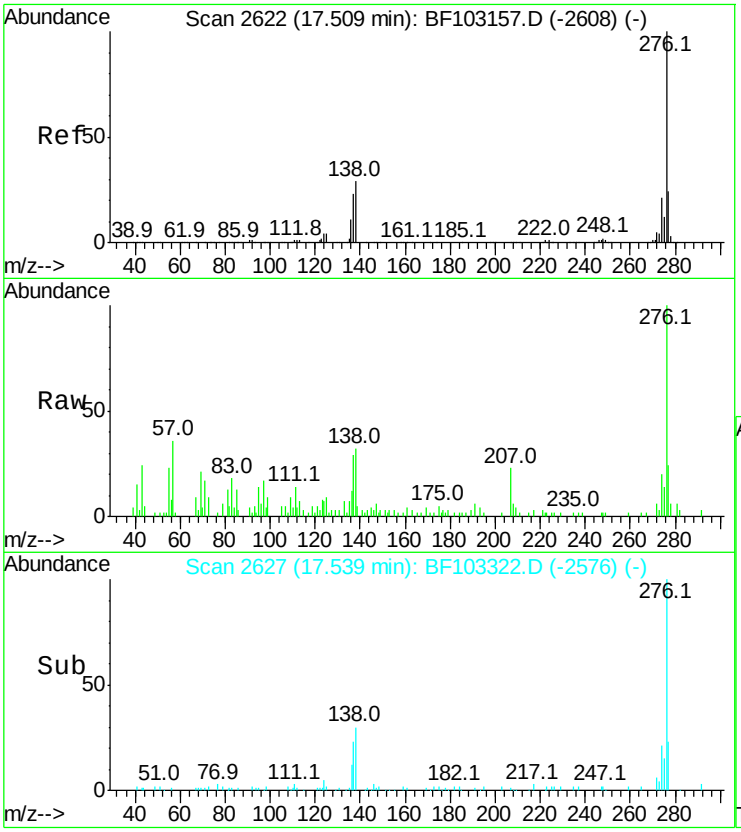


#89
Benzo(a)pyrene
Concen: 9.551 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Tgt Ion:252 Resp: 99809

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	15.5	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 5.442 ng
RT: 17.54 min Scan# 2627
Delta R.T. 0.00 min
Lab File: BF103322.D
Acq: 1 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 42950

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	32.2	21.8	32.8