Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
Data File : BF103676.D
Acq On : 15 Mar 2018 18:55
Operator : JU/SJ
Sample : J1888-03DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PT-BN-WPDL

Quant Time: Mar 16 04:47:36 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	160745	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	668510	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	314512	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	563838	20.00	ng		0.00
75) Chrysene-d12	14.14	240	481941	20.00	ng		0.00
86) Perylene-d12	15.67	264	459059	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	303031	28.67	ng		0.00
7) Phenol-d6	6.57	99	374547	28.97	ng		-0.02
23) Nitrobenzene-d5	7.52	82	190594	19.88	ng		-0.01
41) 2,4,6-Tribromophenol	10.79	330	83338	30.82	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	438345	22.23	ng		0.00
78) Terphenyl-d14	13.08	244	497706	23.97	ng		0.00
Target Compounds							Qvalue
13) 1,4-Dichlorobenzene	6.98	146	174435	13.767	ng		98
14) 1,2-Dichlorobenzene	7.13	146	206242	17.541	ng		98
18) Hexachloroethane	7.48	117	67546	15.155	ng		96
31) Naphthalene	8.27	128	622215	18.425	ng		100
37) 2-Methylnaphthalene	8.96	142	533540	24.914	ng		99
48) Acenaphthylene	9.87	152	1085260	33.599	ng		100
49) Dimethylphthalate	9.72	163	358405	14.936	ng		99
50) 2,6-Dinitrotoluene	9.78	165	106088	24.942	ng	#	78
51) Acenaphthene	10.04	154	413334	21.551	ng		100
54) Dibenzofuran	10.21	168	422852	15.437	ng		97
56) 2,4-Dinitrotoluene	10.18	165	73415	17.082	ng	#	86
57) Fluorene	10.55	166	216221	10.172	ng		99
59) Diethylphthalate	10.42	149	532671	22.366	ng		99
60) 4-Chlorophenyl-phenylether	10.55	204	212187	21.843	ng		98
70) Phenanthrene	11.52	178	543860	17.633	ng		99
73) Di-n-butylphthalate	12.05	149	1089332	29.817	ng		99
74) Fluoranthene	12.72	202	745706	23.468	ng		98
77) Pyrene	12.95	202	446641	12.619	ng		99
79) Butylbenzylphthalate	13.56	149	395952	25.250	ng		93
80) Benzo(a)anthracene	14.13	228	495018	16.227	ng		100
82) Chrysene	14.17	228	242546	8.340	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	196910	8.790	ng		99
85) Indeno(1,2,3-cd)pyrene	17.23	276	441832	17.398	ng		95
87) Benzo(b)fluoranthene	15.22	252	539399	18.599	ng		98
88) Benzo(k)fluoranthene	15.24	252	379169	13.601	ng		100
89) Benzo(a)pyrene	15.61	252	737894	28.051	ng		99
90) Dibenzo(a,h)anthracene	17.24	278	267698	11.753	ng		98
91) Benzo(g,h,i)perylene	17.70	276	302449	13.649	ng		97

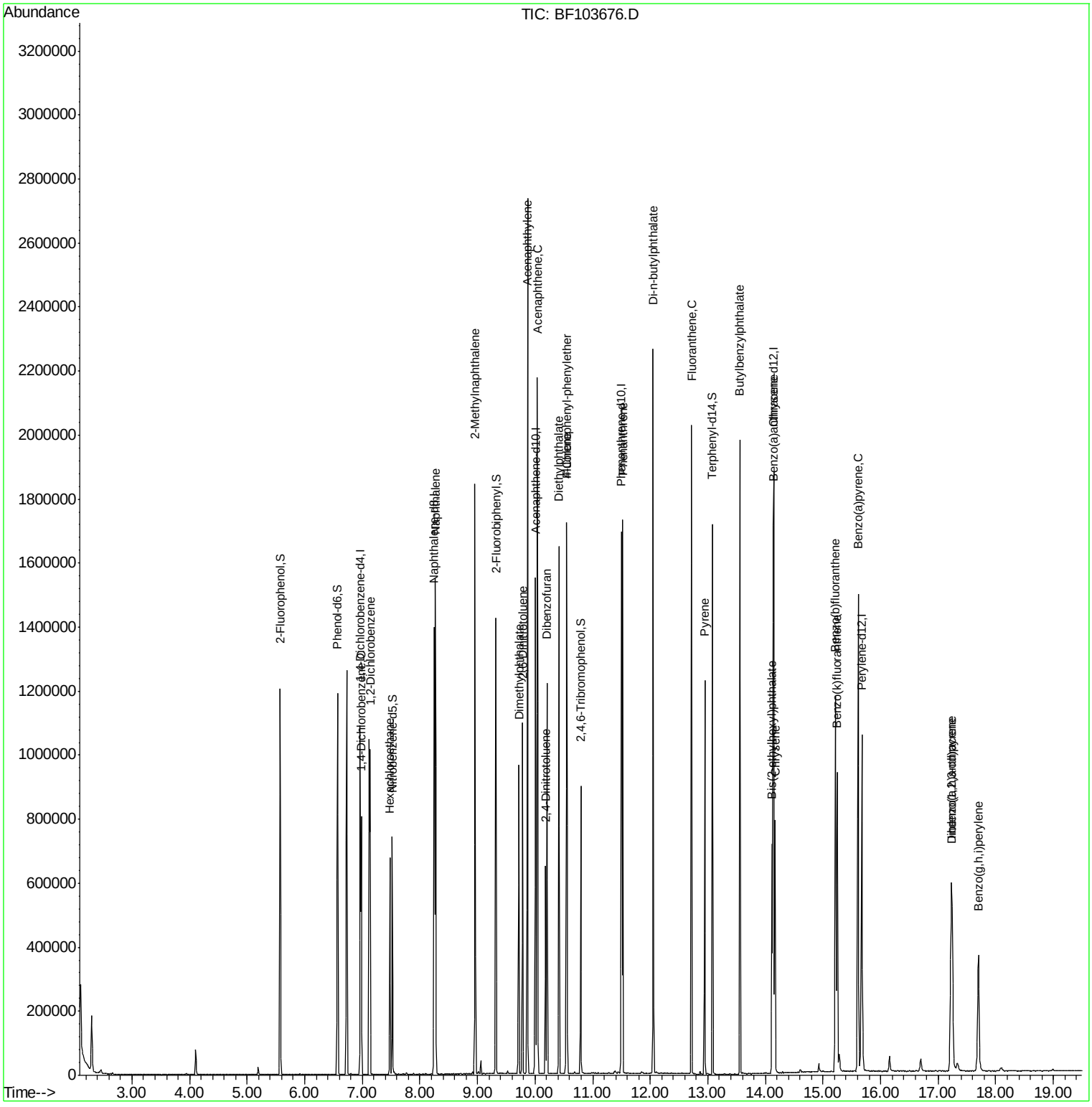
(#) = qualifier out of range (m) = manual integration (+) = signals summed

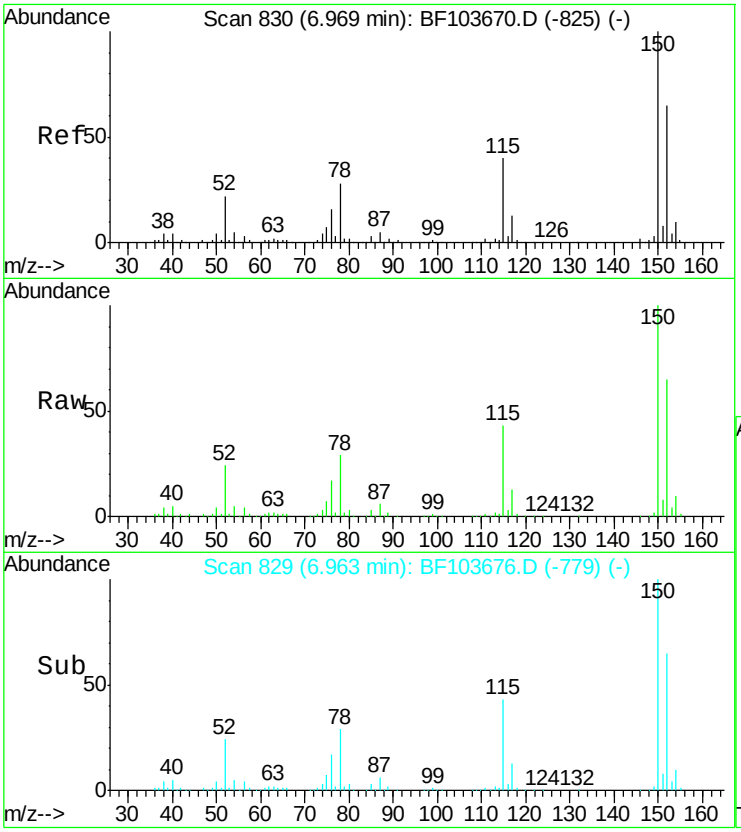
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
Data File : BF103676.D
Acq On : 15 Mar 2018 18:55
Operator : JU/SJ
Sample : J1888-03DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Quant Time: Mar 16 04:47:36 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration



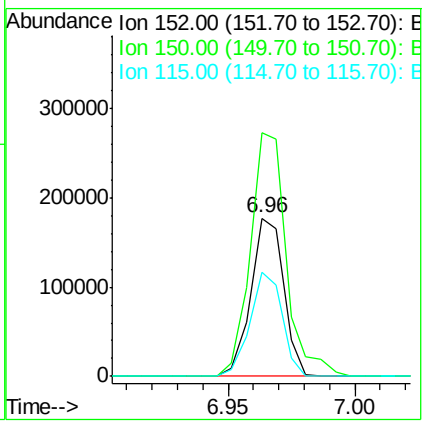


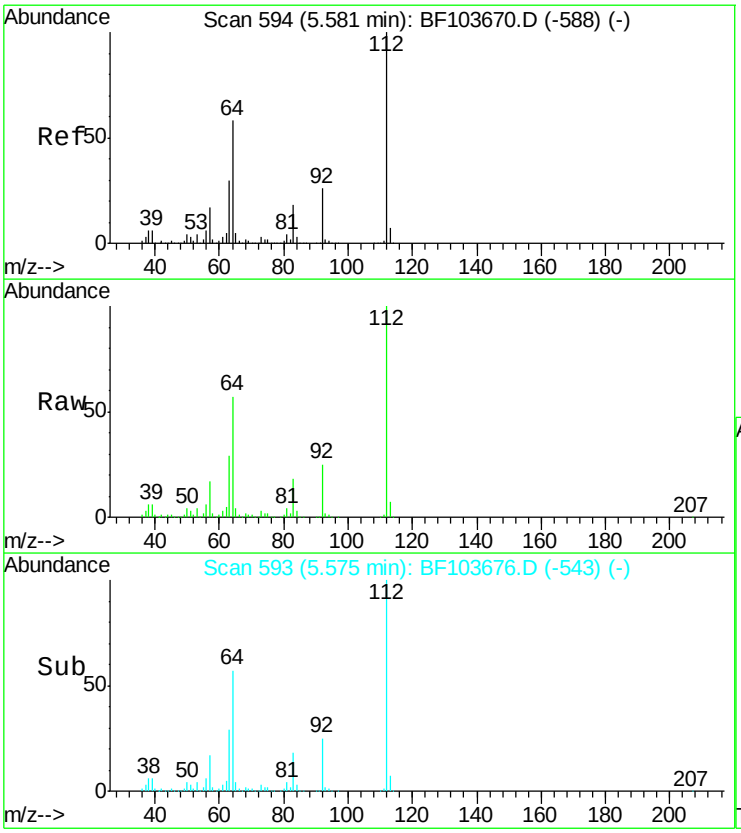
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 160745

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	65.6	50.1	75.1

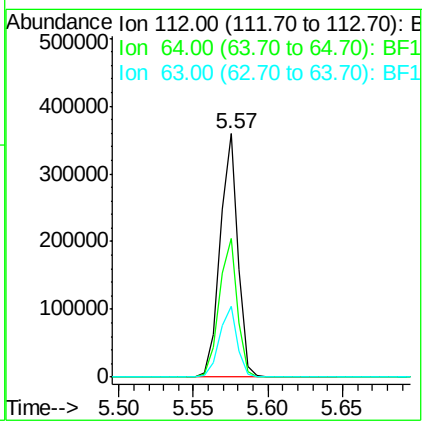


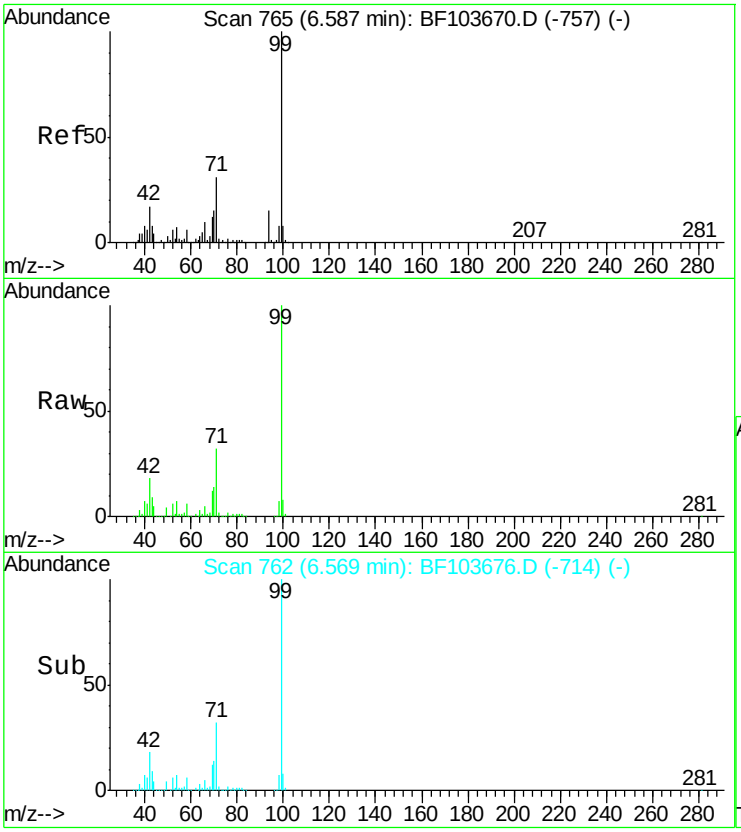


#5
2-Fluorophenol
Concen: 28.673 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion:112 Resp: 303031

Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.9	71.9
63	28.8	23.7	35.5



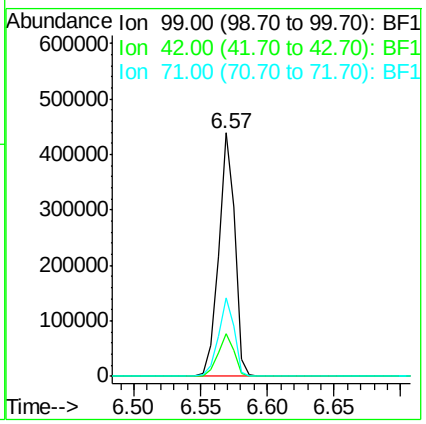


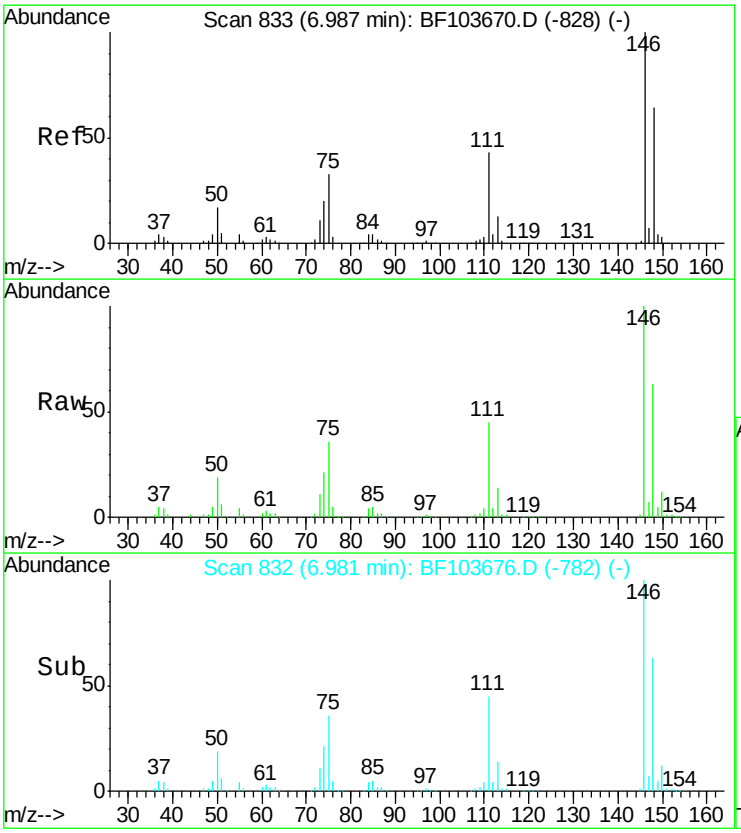
#7
Phenol-d6
Concen: 28.968 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion: 99 Resp: 374547

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.5	21.7
71	32.1	25.4	38.0

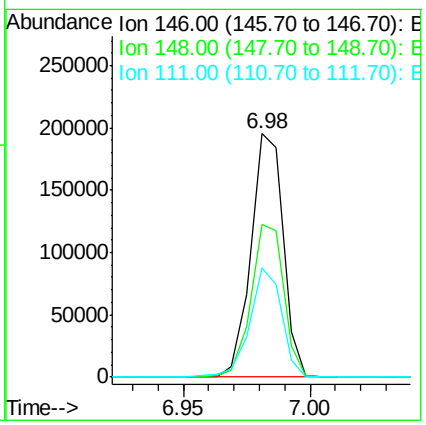


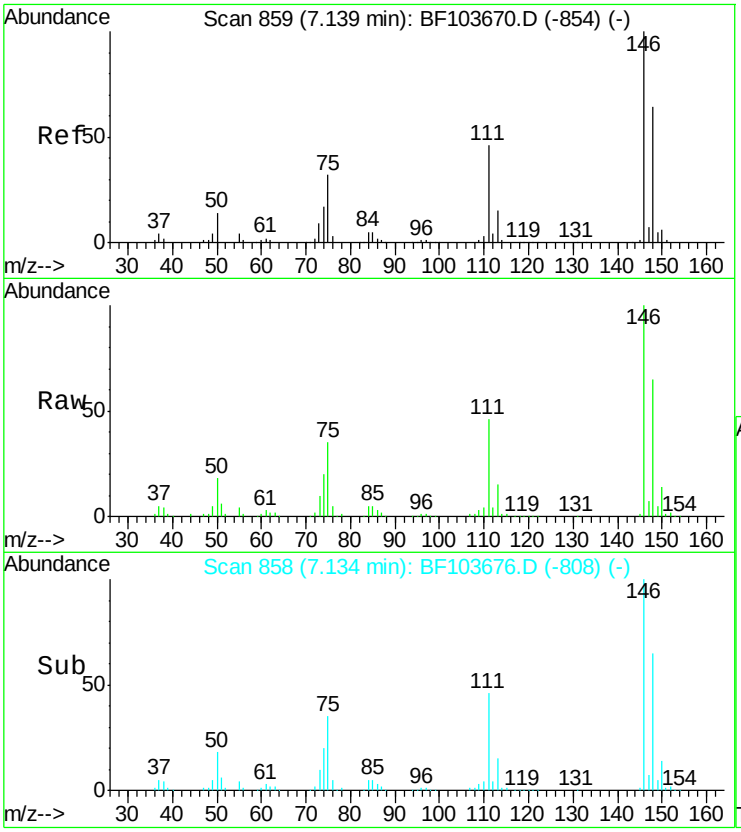


#13
1,4-Dichlorobenzene
Concen: 13.767 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion:146 Resp: 174435

Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.8	76.2
111	44.6	34.2	51.2



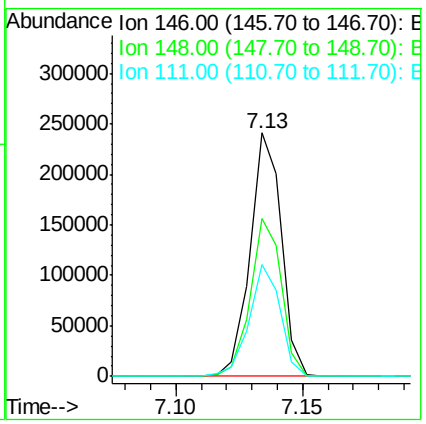


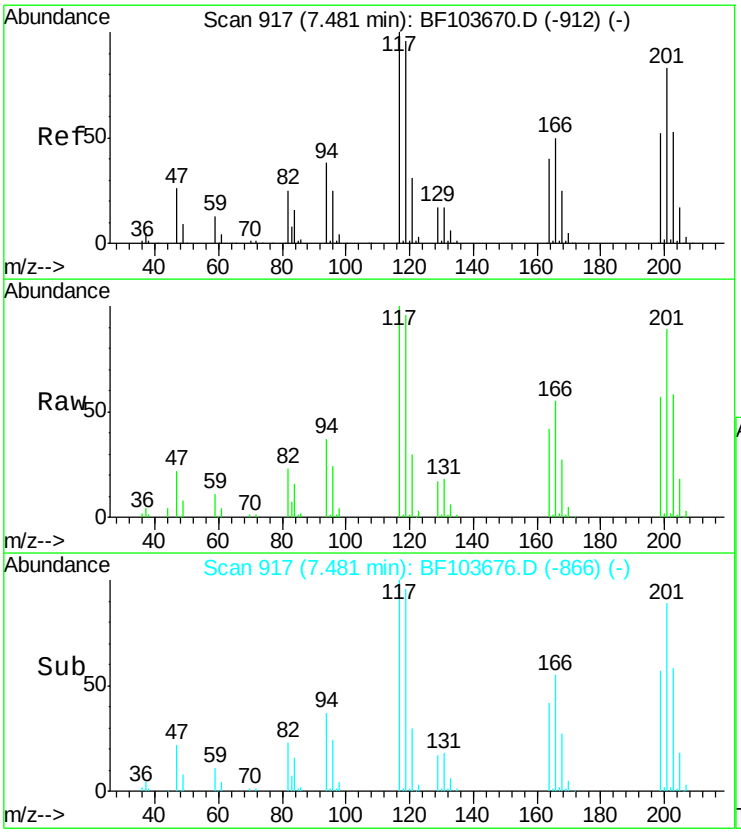
#14
1,2-Dichlorobenzene
Concen: 17.541 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:146 Resp: 206242

Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	45.9	36.0	54.0

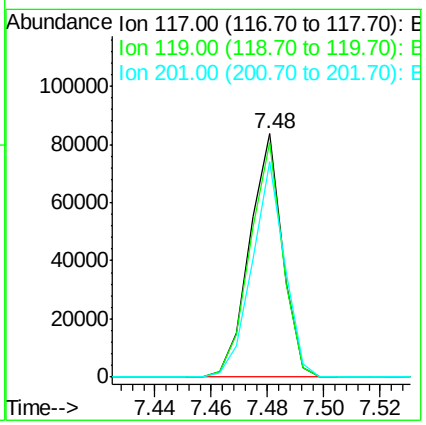


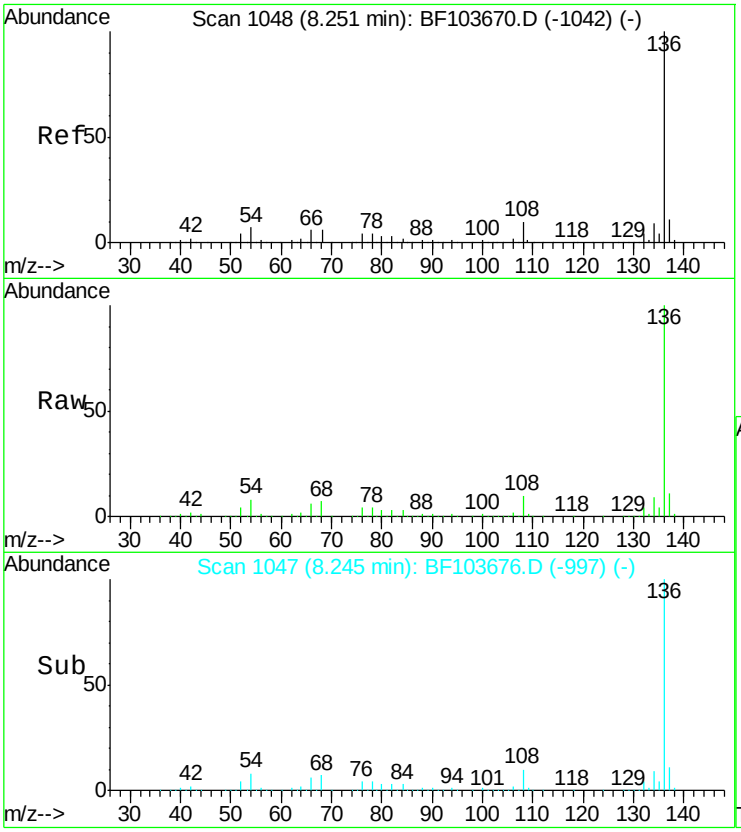


#18
Hexachloroethane
Concen: 15.155 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion:117 Resp: 67546

Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.8	113.8
201	88.8	75.7	113.5



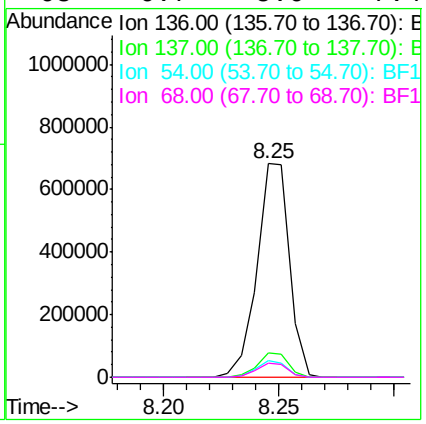


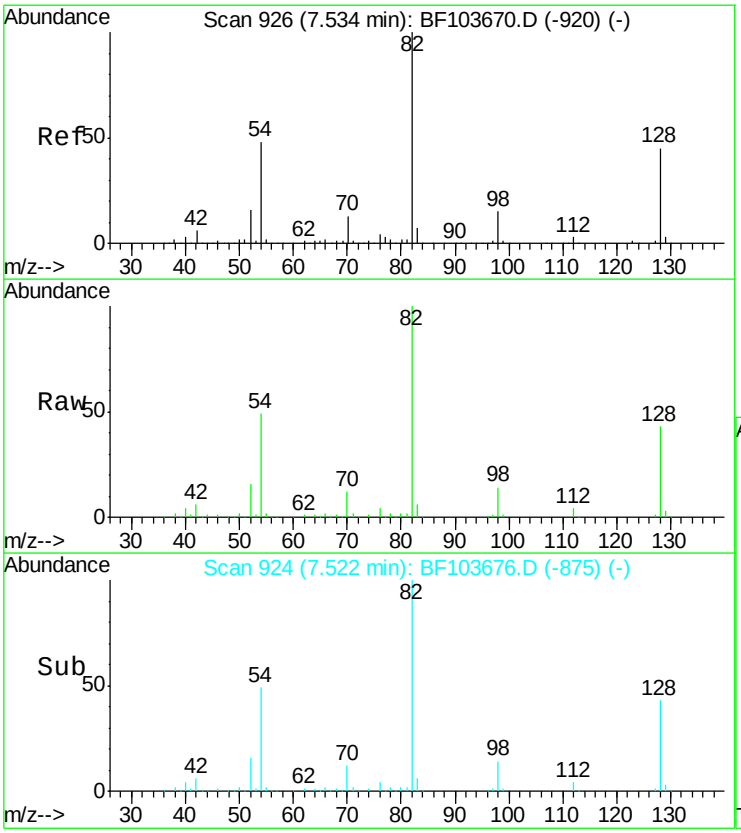
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:136 Resp: 668510

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.0	6.6	9.8
68	6.7	5.0	7.4

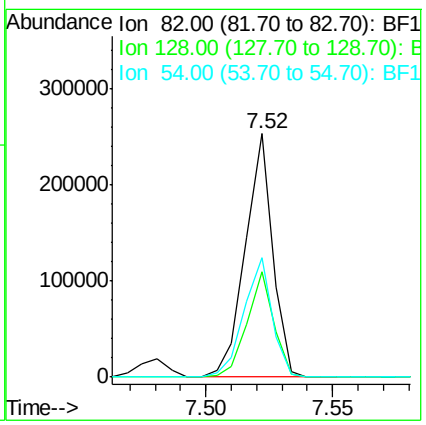


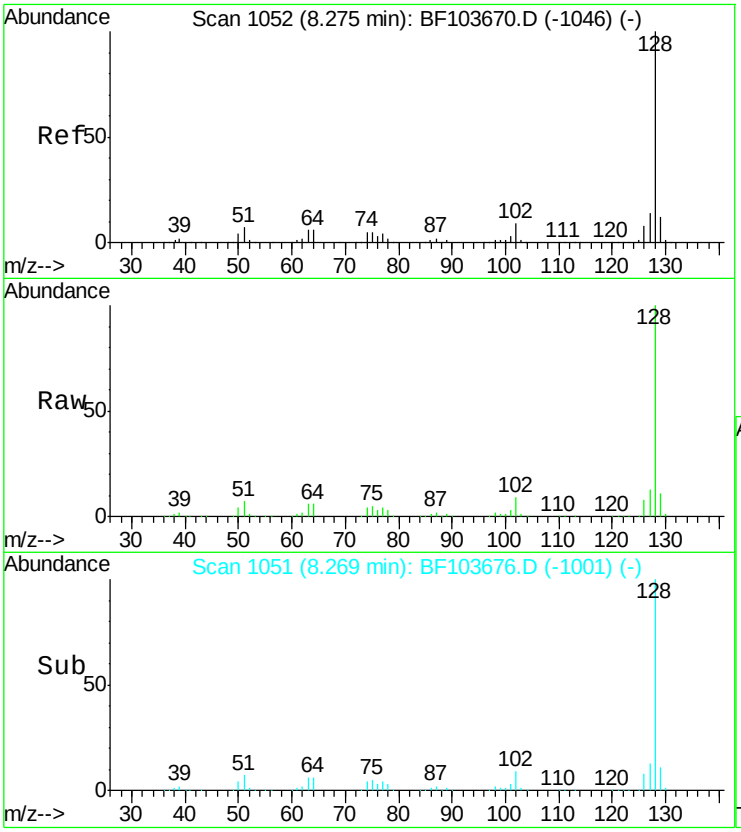


#23
Nitrobenzene-d5
Concen: 19.882 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion: 82 Resp: 190594

Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	49.0	41.4	62.2



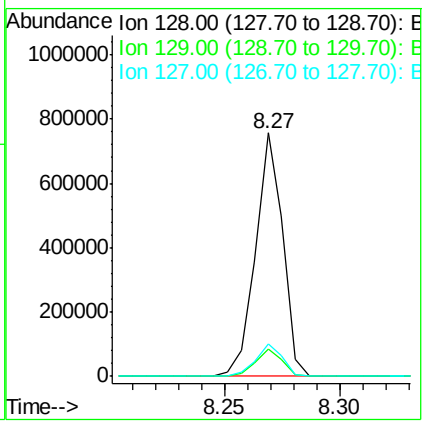


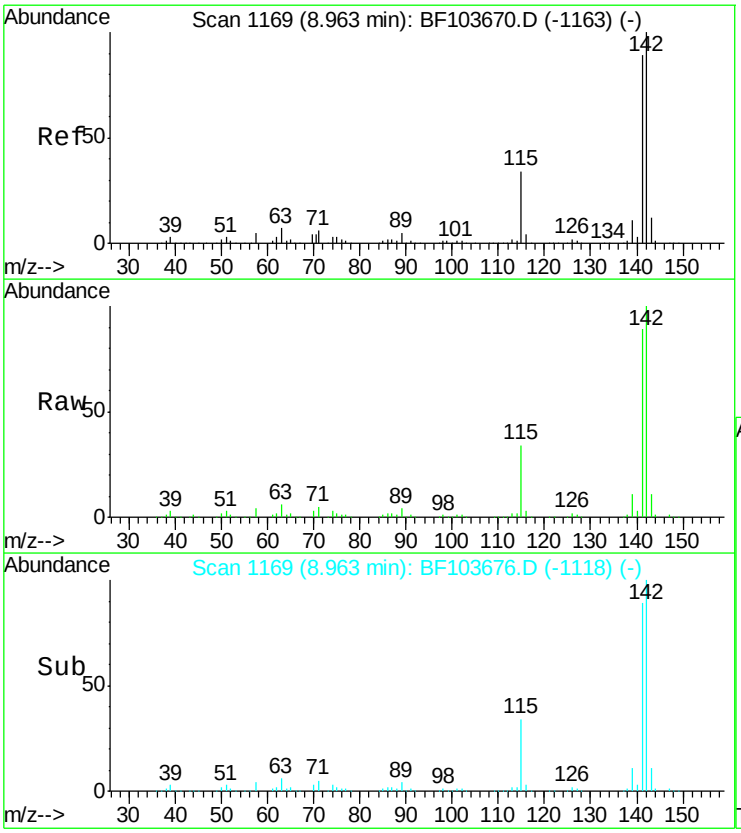
#31
Naphthalene
Concen: 18.425 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:128 Resp: 622215

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.4	10.9	16.3

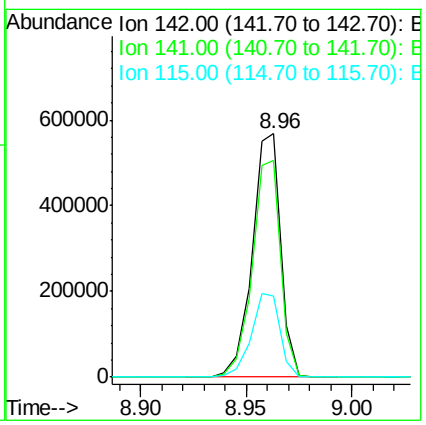


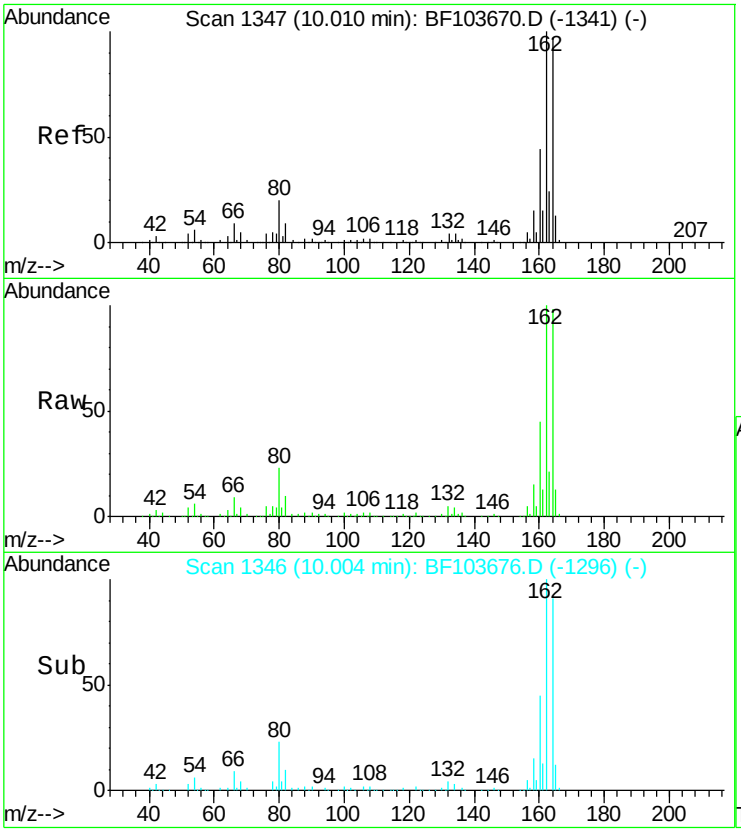


#37
2-Methylnaphthalene
Concen: 24.914 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion:142 Resp: 533540

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	33.5	26.1	39.1



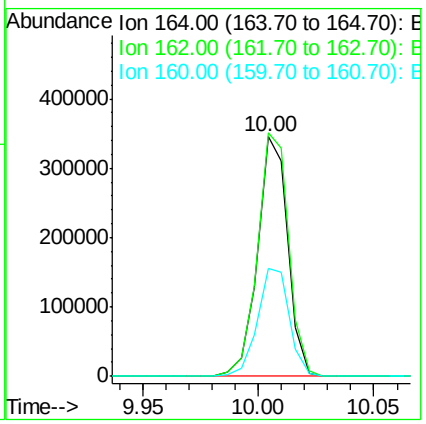


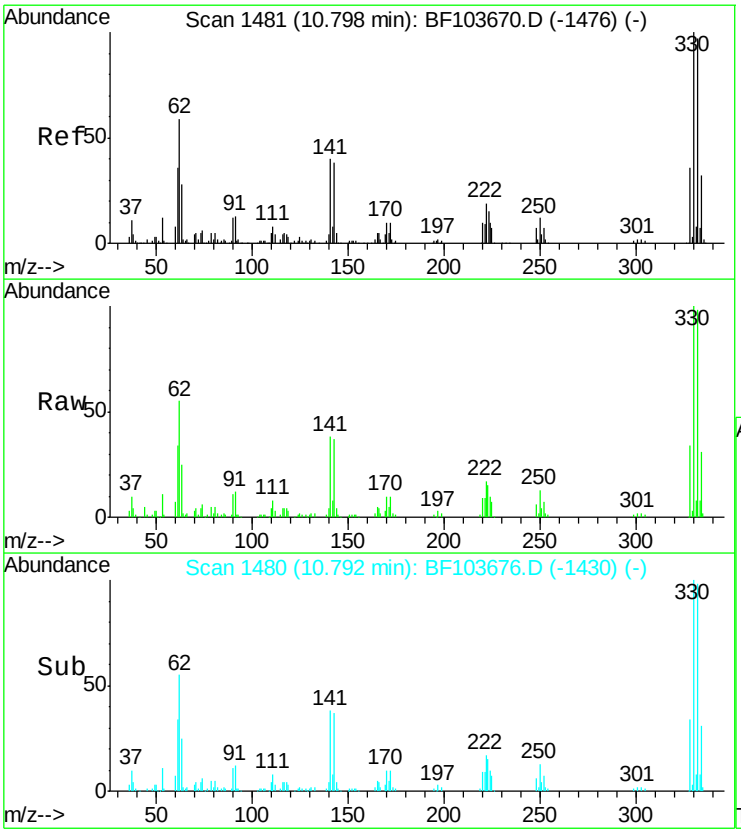
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:164 Resp: 314512

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	45.3	38.3	57.5

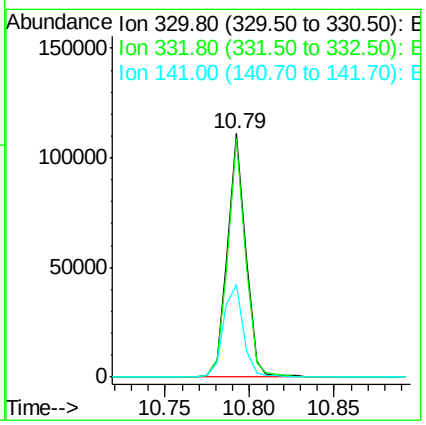


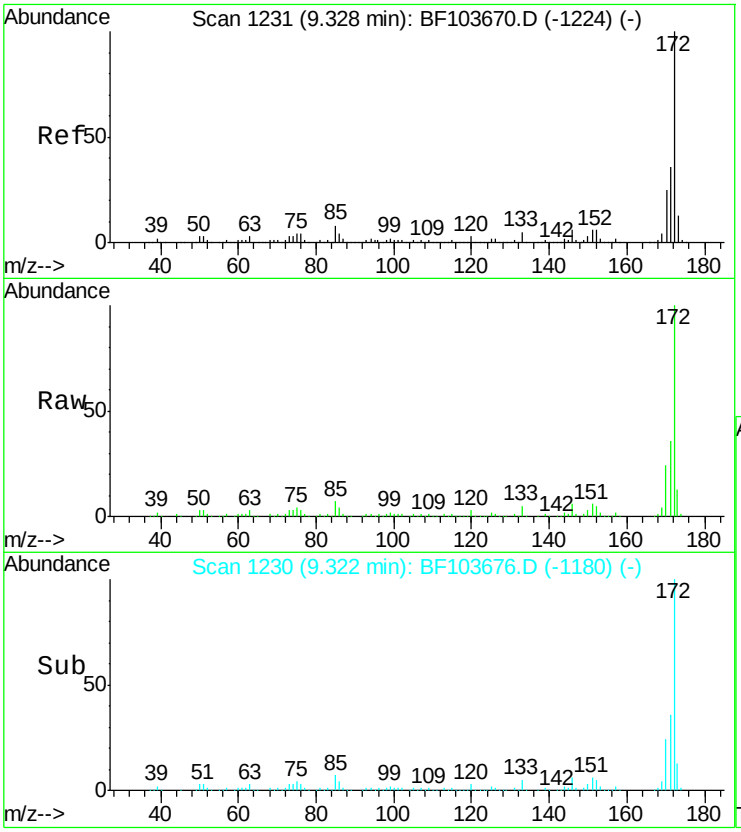


#41
2,4,6-Tribromophenol
Concen: 30.818 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion:330 Resp: 83338

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	41.5	29.9	44.9



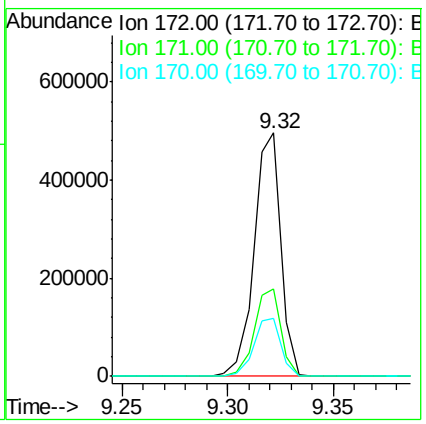


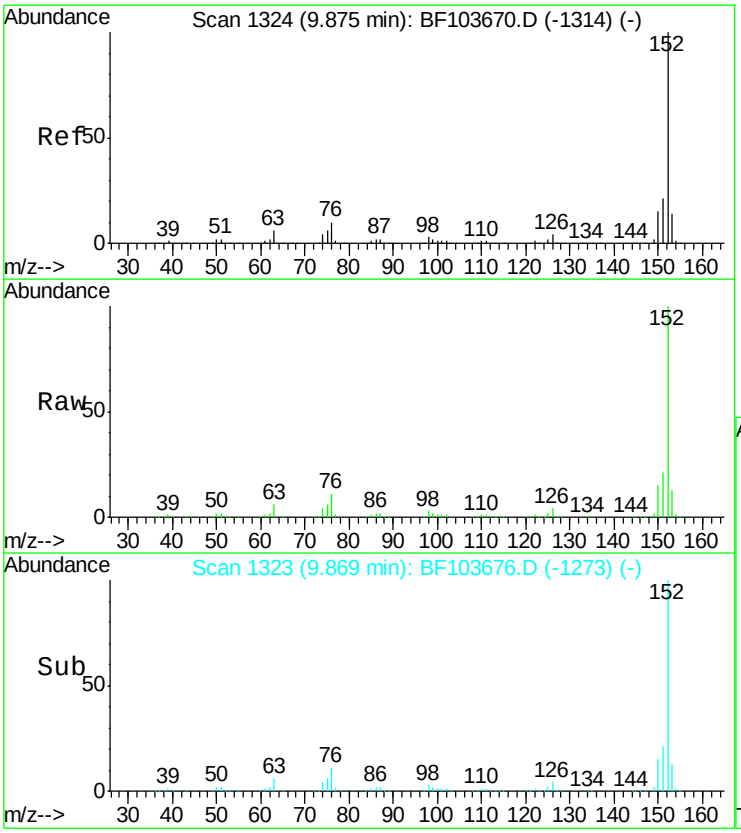
#44
2-Fluorobiphenyl
Concen: 22.232 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:172 Resp: 438345

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.0	19.6	29.4

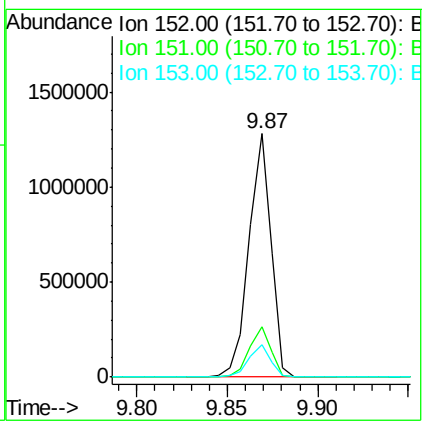


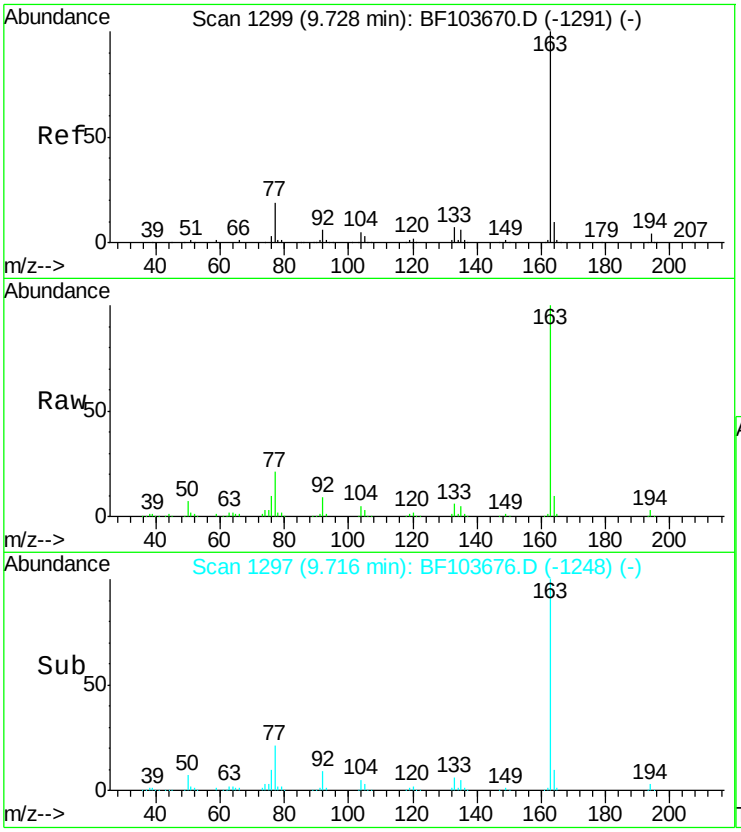


#48
Acenaphthylene
Concen: 33.599 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion:152 Resp: 1085260

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.4	10.7	16.1



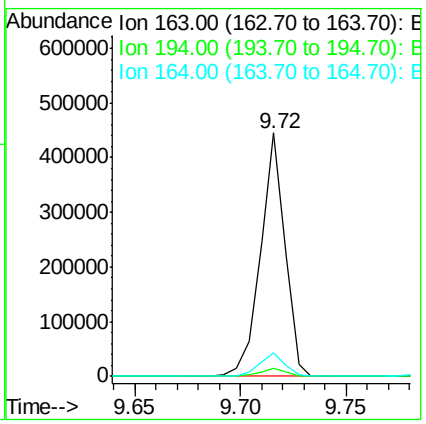


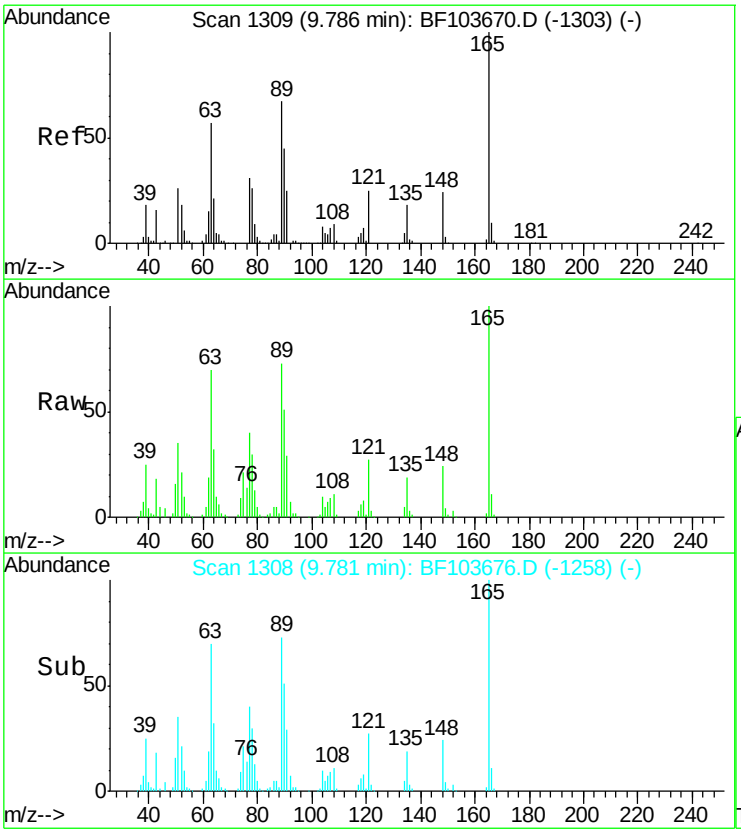
#49
Dimethylphthalate
Concen: 14.936 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:163 Resp: 358405

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.8	8.2	12.2

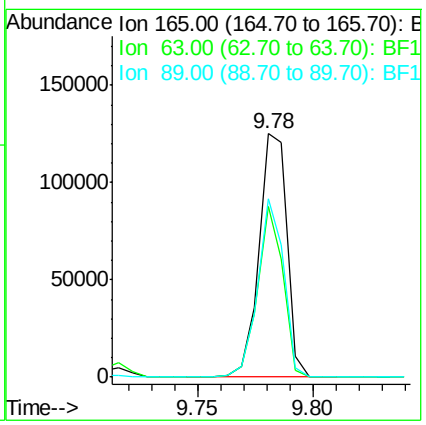


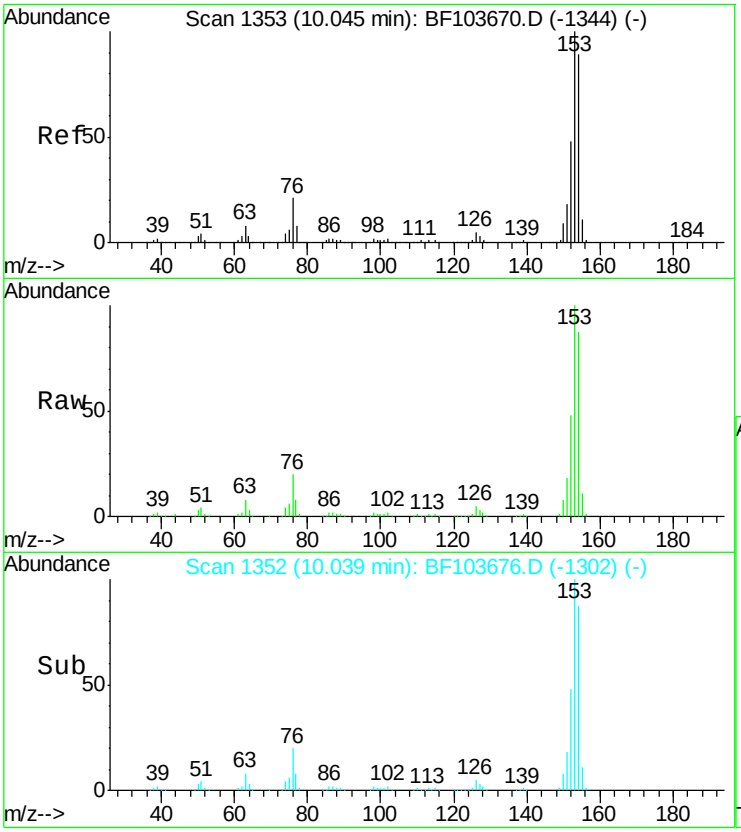


#50
2,6-Dinitrotoluene
Concen: 24.942 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion:165 Resp: 106088

Ion	Ratio	Lower	Upper
165	100		
63	69.9	44.7	67.1#
89	73.1	44.0	66.0#



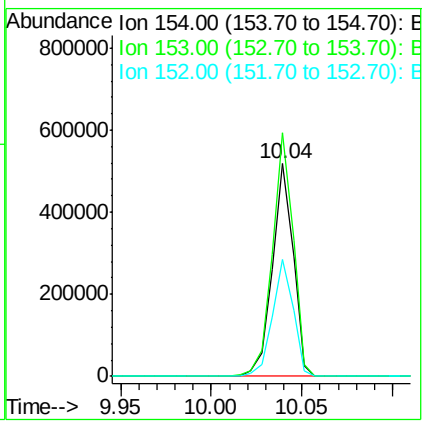


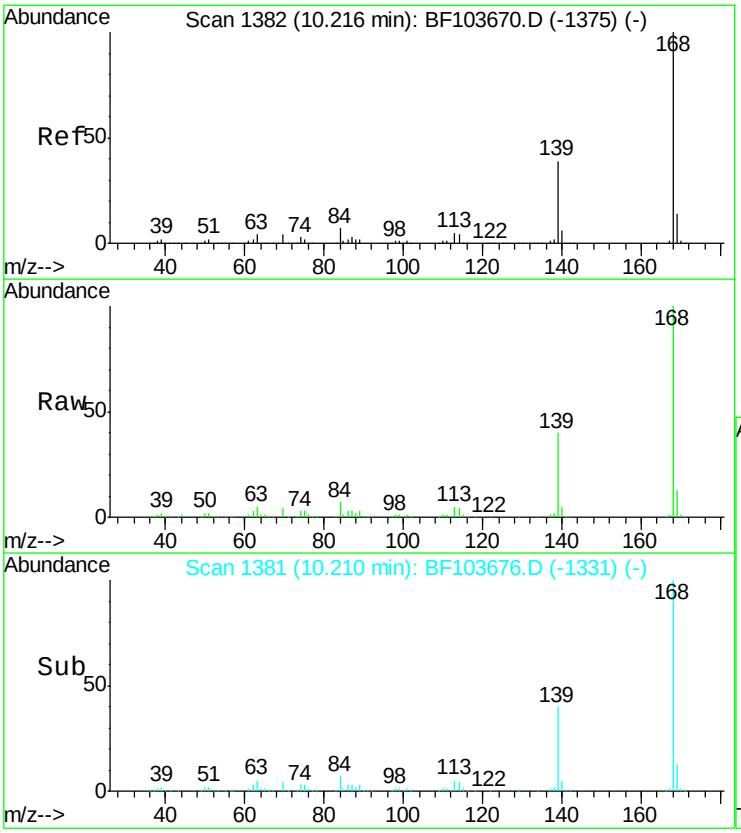
#51
Acenaphthene
Concen: 21.551 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:154 Resp: 413334

Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.2	136.8
152	55.2	43.8	65.8

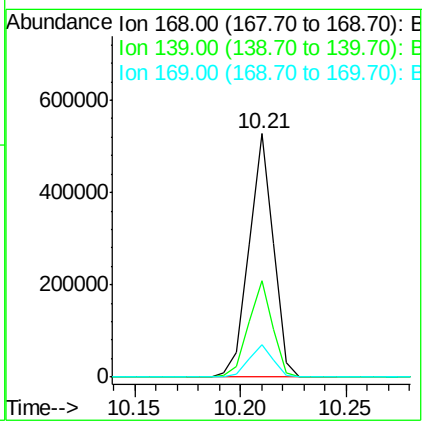


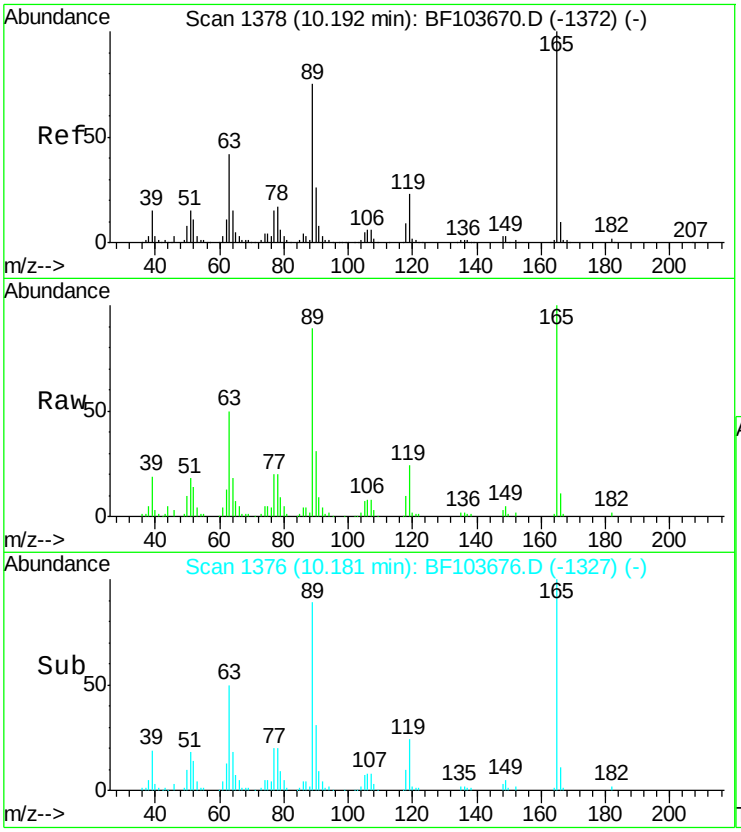


#54
Dibenzofuran
Concen: 15.437 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion:168 Resp: 422852

Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.1	45.1
169	13.4	10.9	16.3



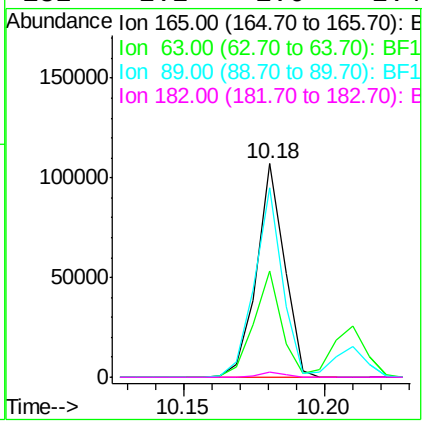


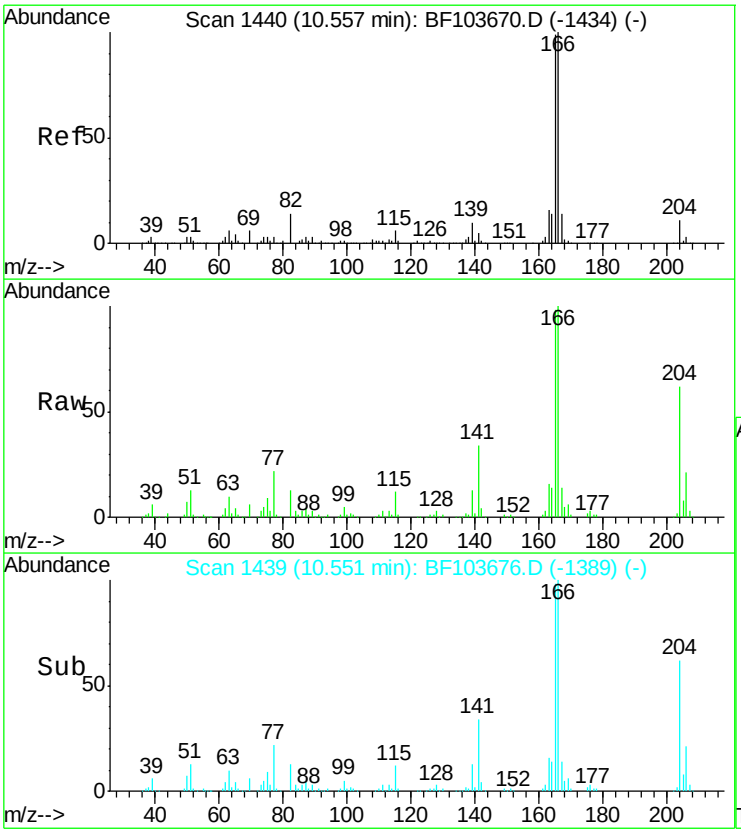
#56
2,4-Dinitrotoluene
Concen: 17.082 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:165 Resp: 73415

Ion	Ratio	Lower	Upper
165	100		
63	49.9	36.4	54.6
89	88.7	57.8	86.6#
182	2.2	1.6	2.4

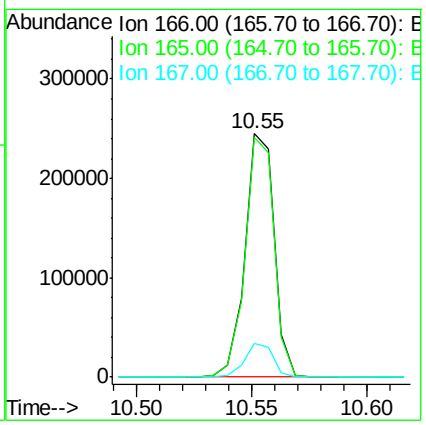


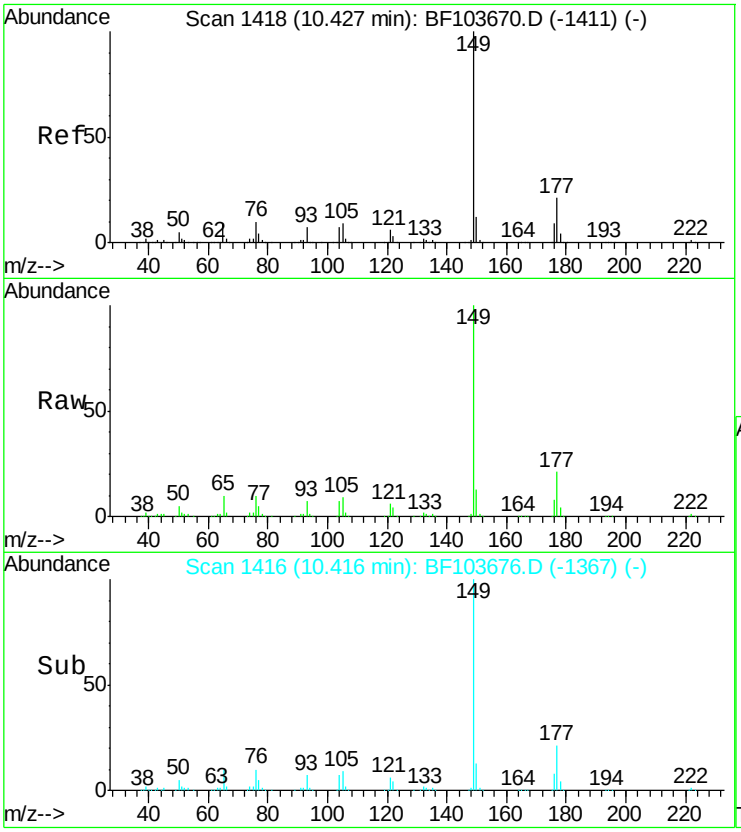


#57
Fluorene
Concen: 10.172 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion:166 Resp: 216221

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.8
167	14.0	10.6	16.0



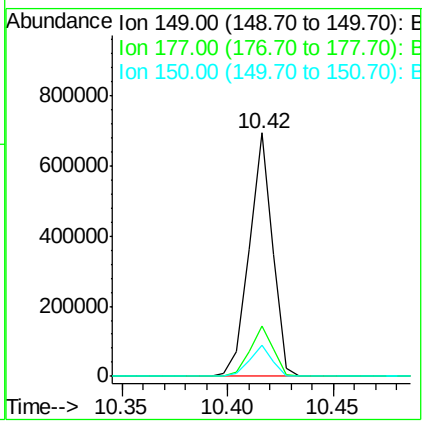


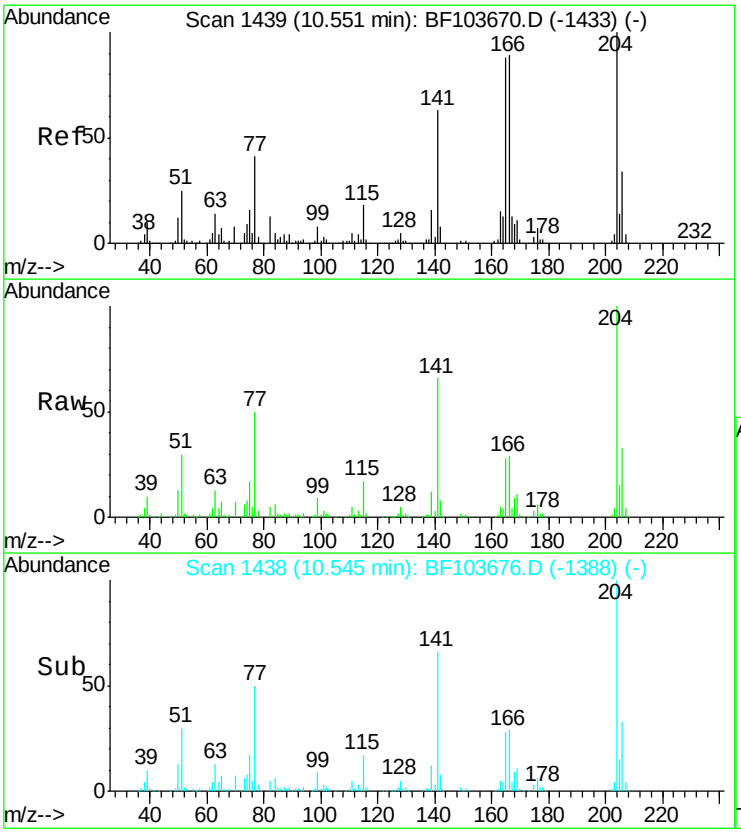
#59
Diethylphthalate
Concen: 22.366 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:149 Resp: 532671

Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.1	24.1
150	12.5	10.1	15.1

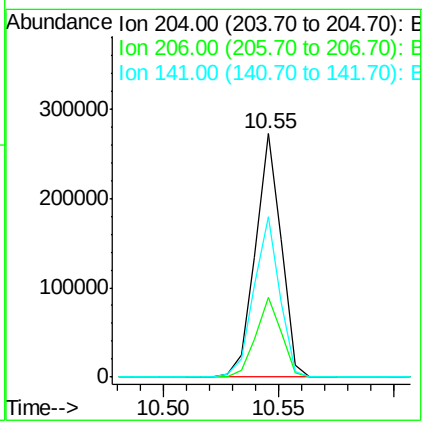


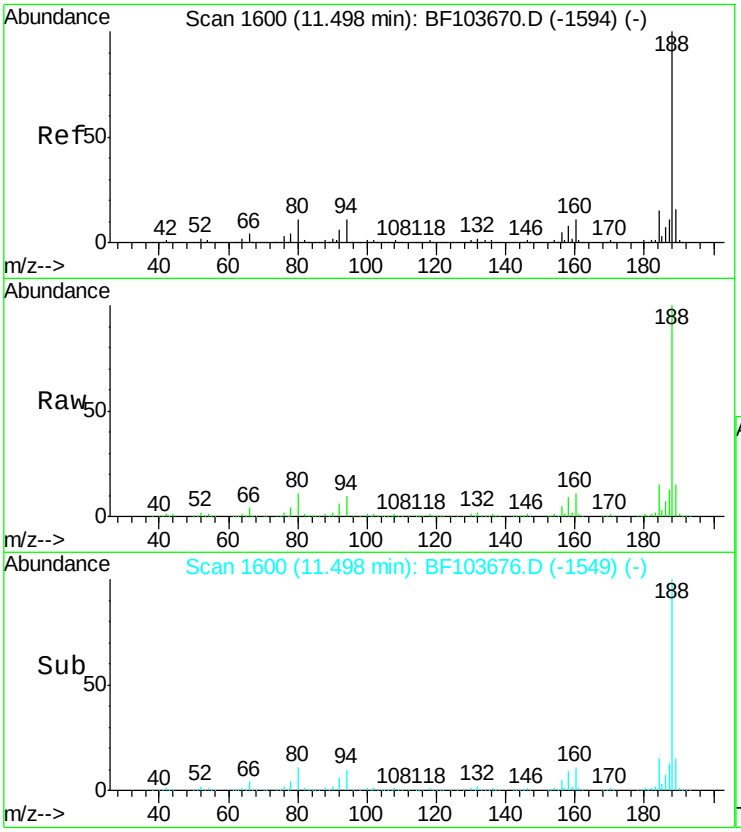


#60
4-Chlorophenyl-phenylether
Concen: 21.843 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion:204 Resp: 212187

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	66.1	54.6	81.8



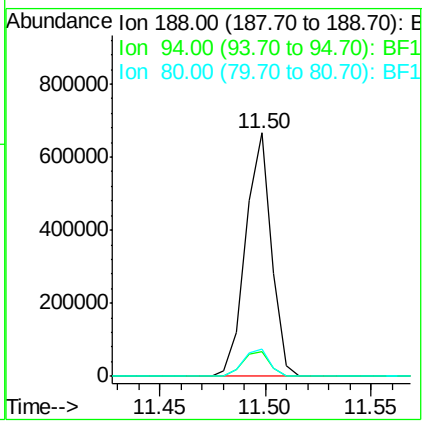


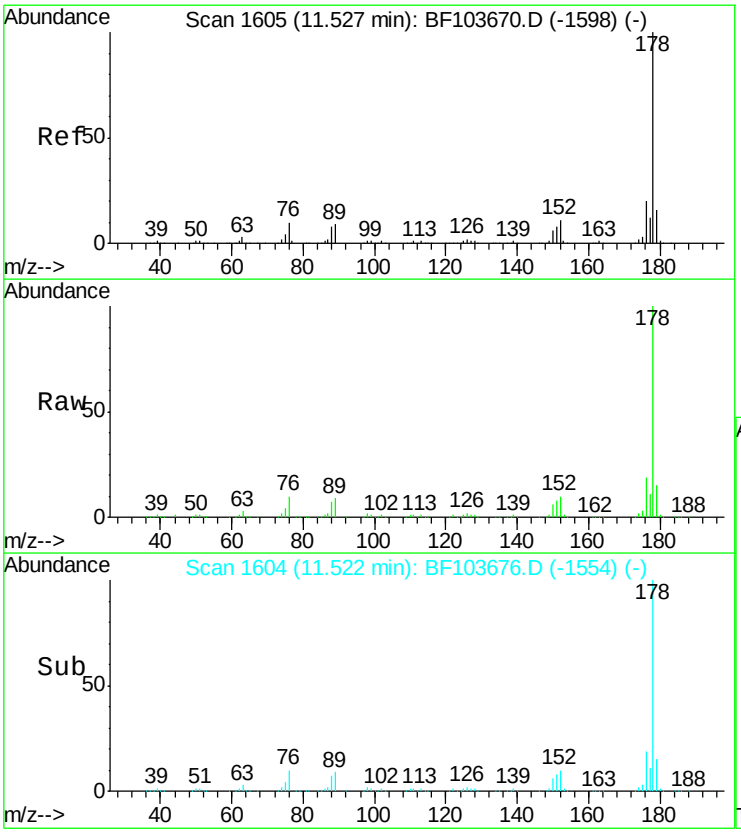
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:188 Resp: 563838

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.0	9.2	13.8

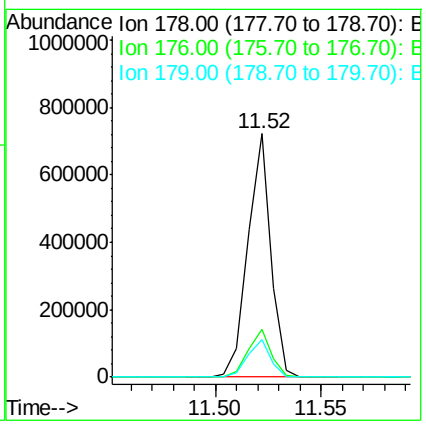


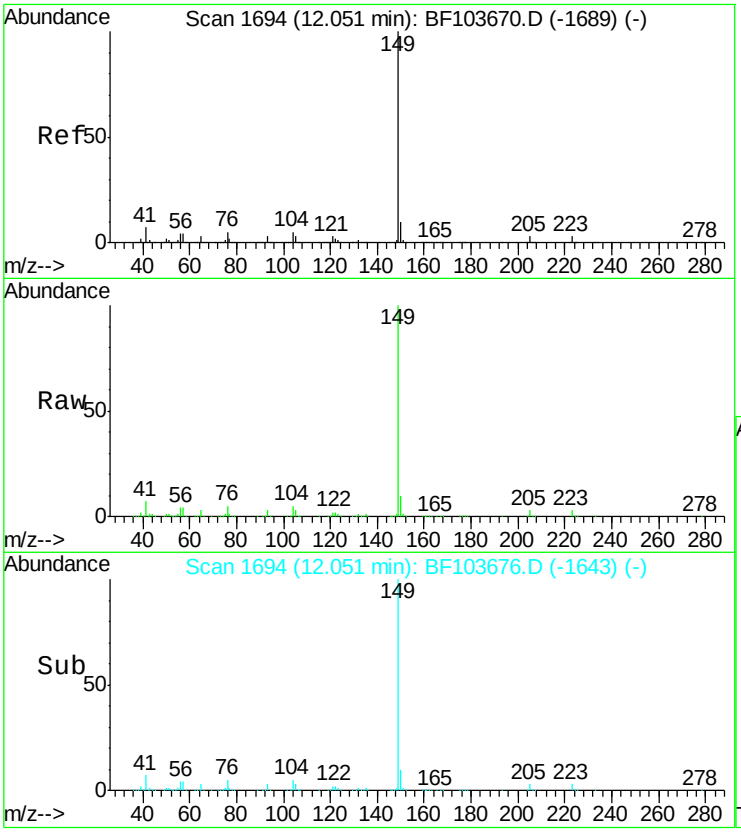


#70
Phenanthrene
Concen: 17.633 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion:178 Resp: 543860

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



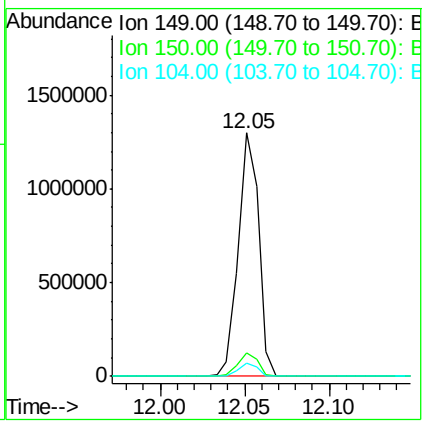


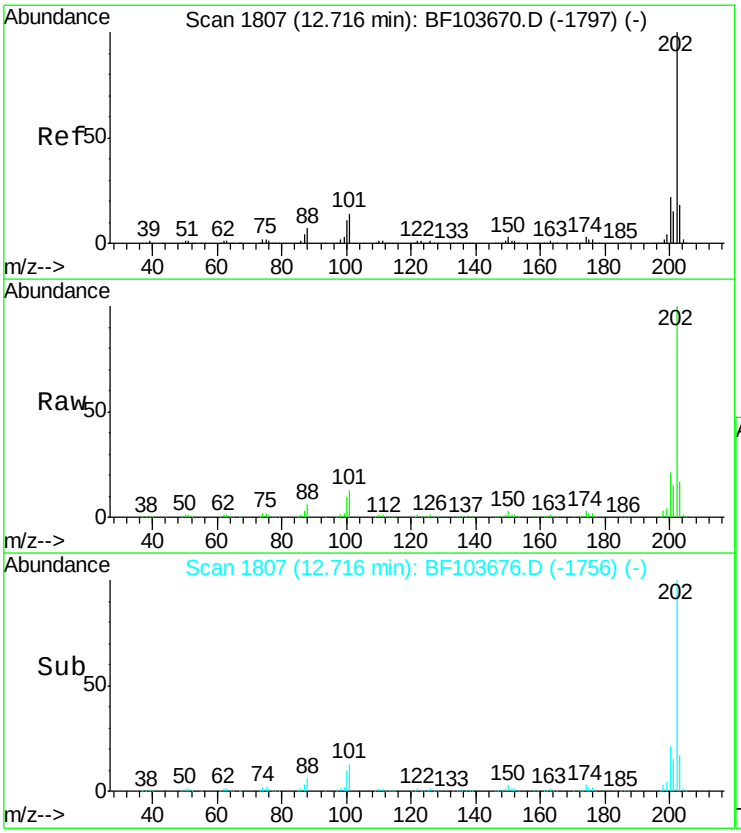
#73
Di-n-butylphthalate
Concen: 29.817 ng
RT: 12.05 min Scan# 1694
Delta R.T. 0.00 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:149 Resp: 1089332

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.4	3.8	5.8

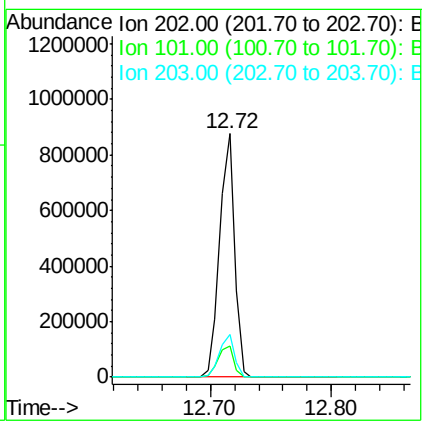


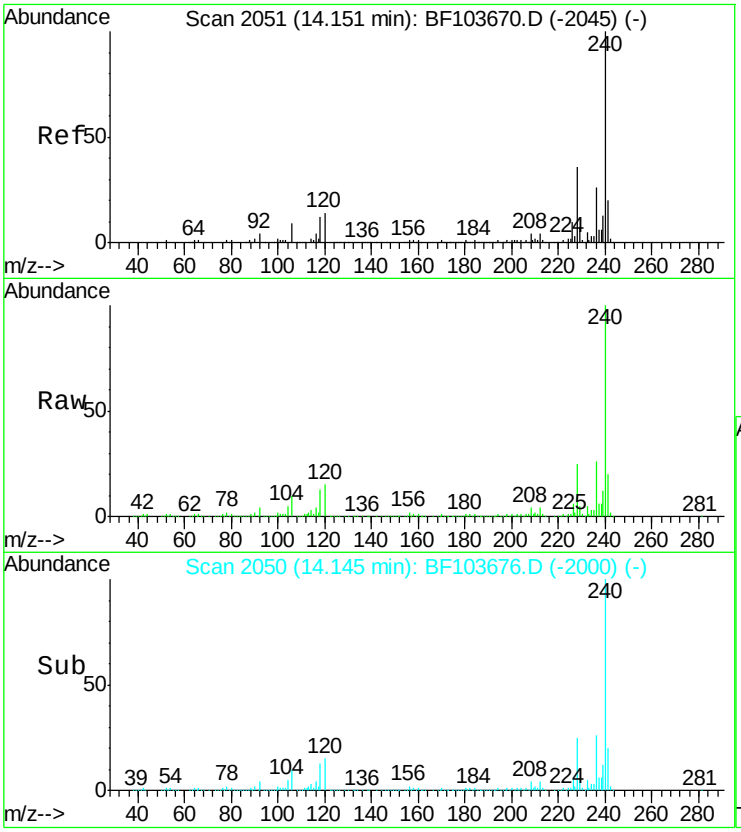


#74
Fluoranthene
Concen: 23.468 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion:202 Resp: 745706

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	17.4	0.0	38.1



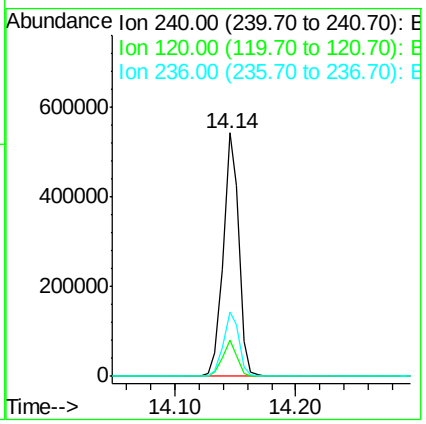


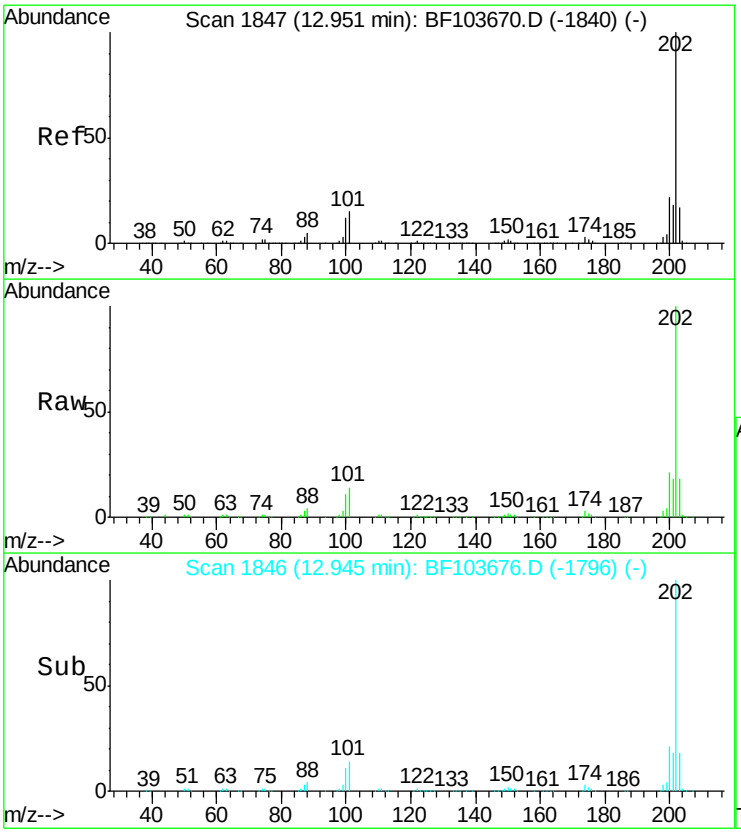
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:240 Resp: 481941

Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	26.3	20.7	31.1

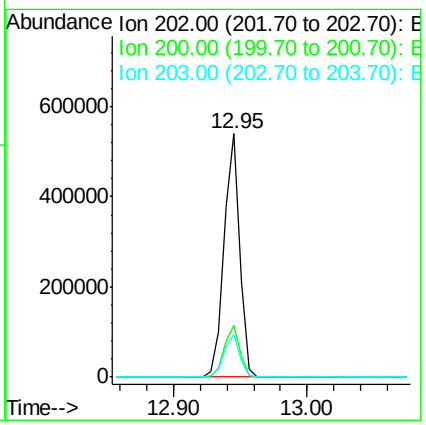


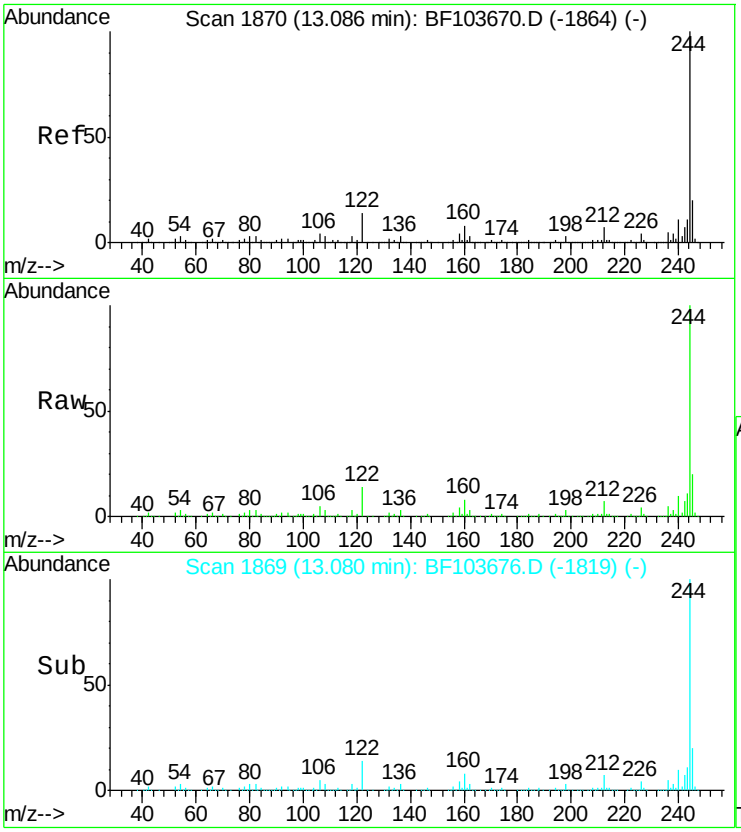


#77
Pyrene
Concen: 12.619 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion:202 Resp: 446641

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.6	14.3	21.5



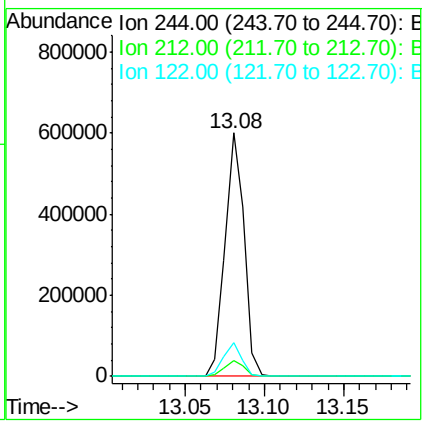


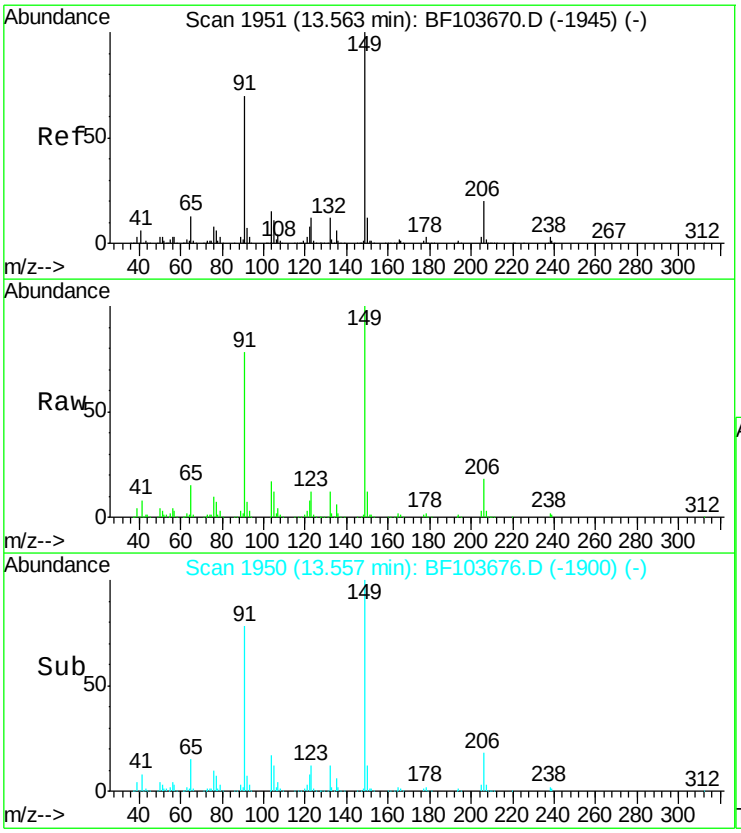
#78
Terphenyl-d14
Concen: 23.971 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:244 Resp: 497706

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.8	11.0	16.4

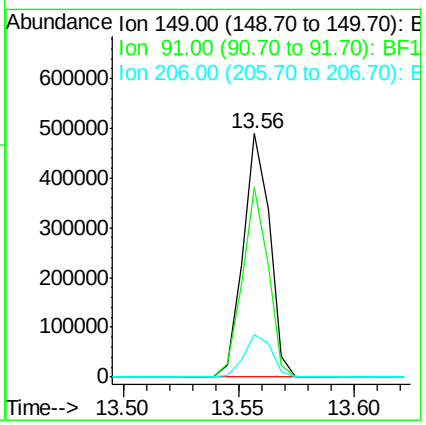


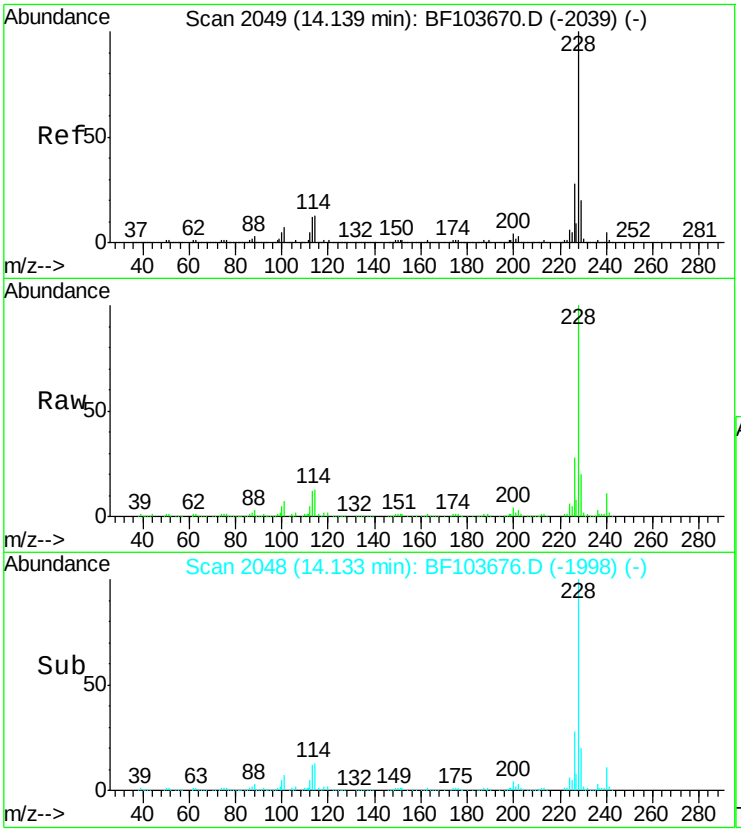


#79
Butylbenzylphthalate
Concen: 25.250 ng
RT: 13.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion:149 Resp: 395952

Ion	Ratio	Lower	Upper
149	100		
91	77.9	56.8	85.2
206	17.7	14.1	21.1



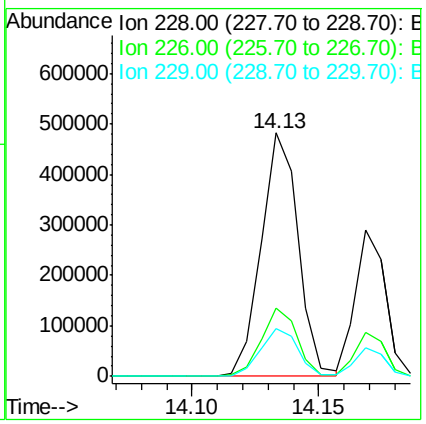


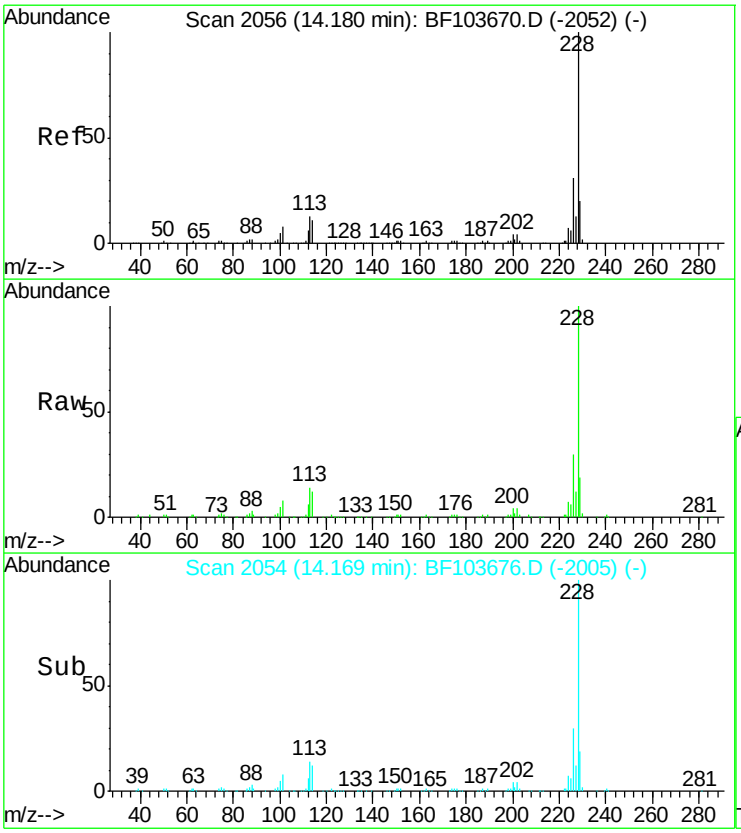
#80
Benzo(a)anthracene
Concen: 16.227 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:228 Resp: 495018

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.7	15.8	23.6

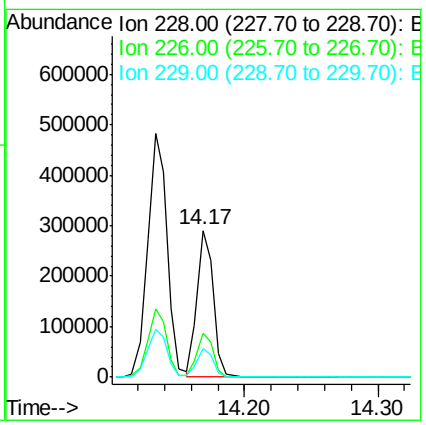


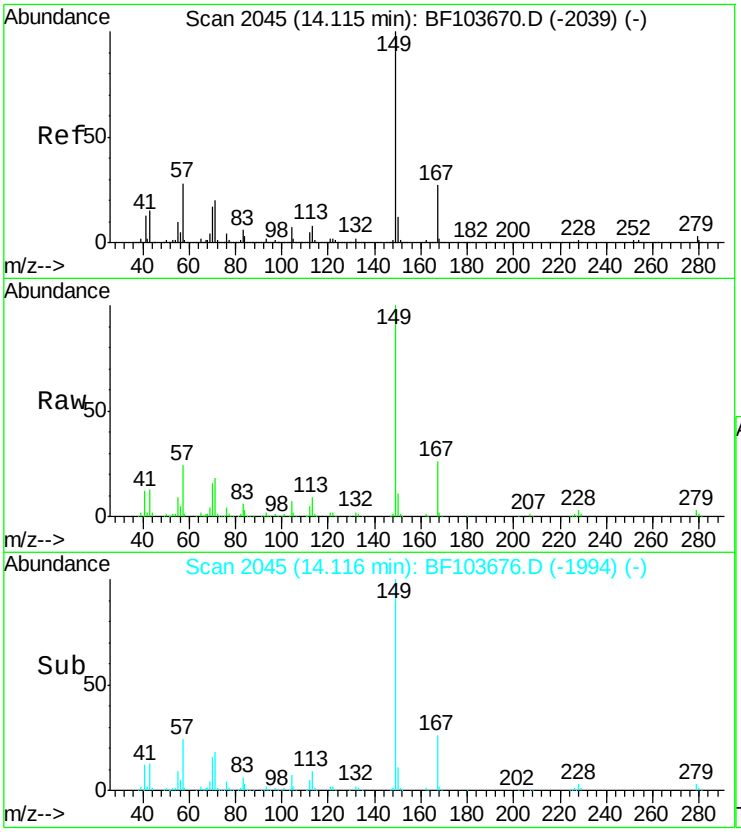


#82
Chrysene
Concen: 8.340 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion:228 Resp: 242546

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.3	16.2	24.4



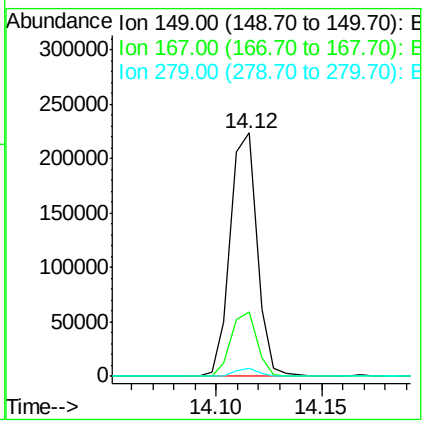


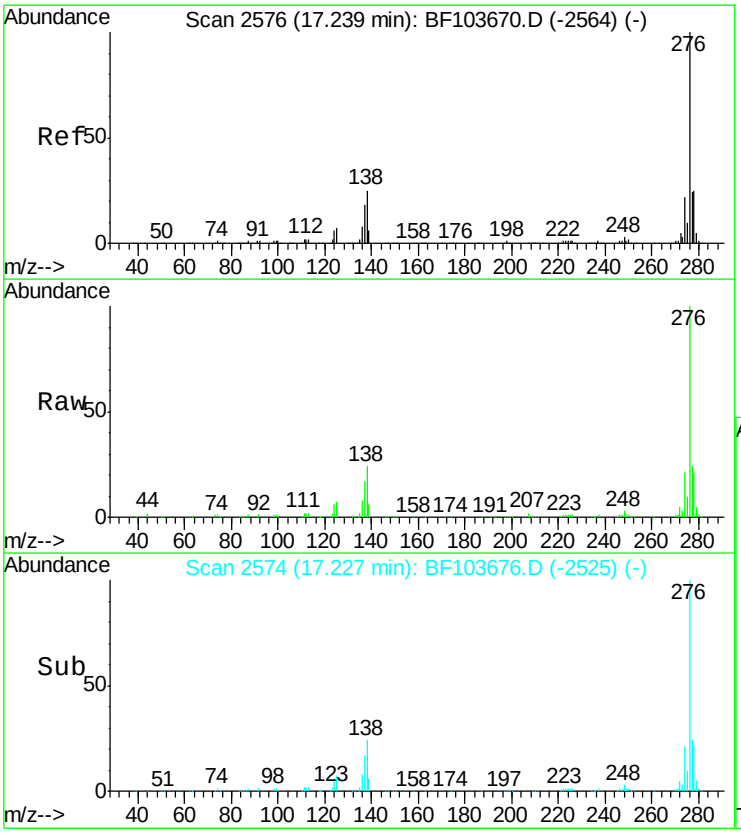
#83
Bis(2-ethylhexyl)phthalate
Concen: 8.790 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:149 Resp: 196910

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.2	3.0	4.4

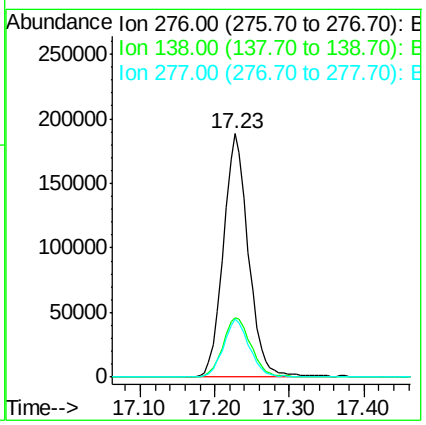


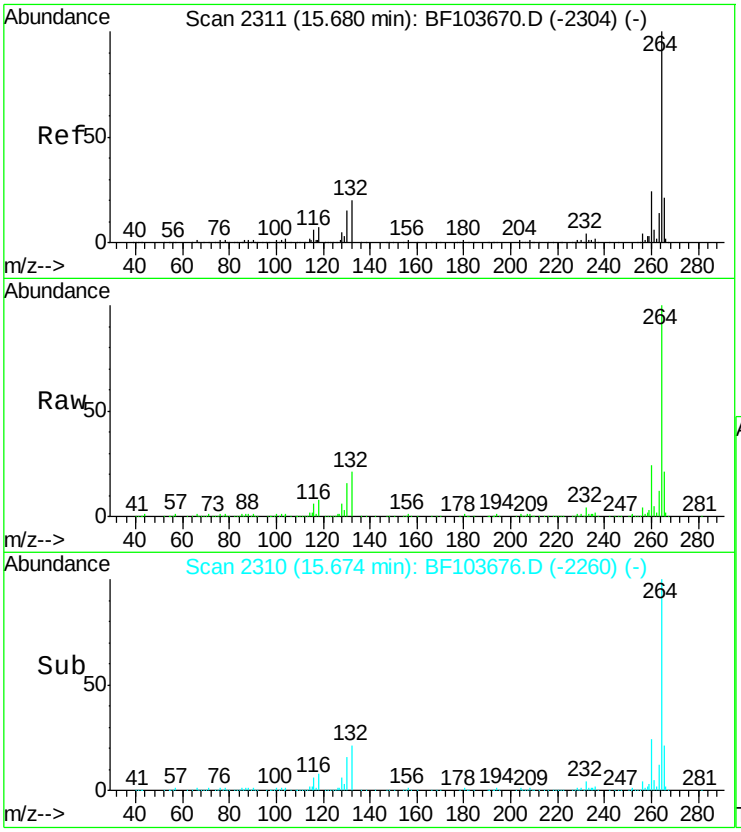


#85
Indeno(1,2,3-cd)pyrene
Concen: 17.398 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion:276 Resp: 441832

Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.0	37.6
277	24.4	20.1	30.1



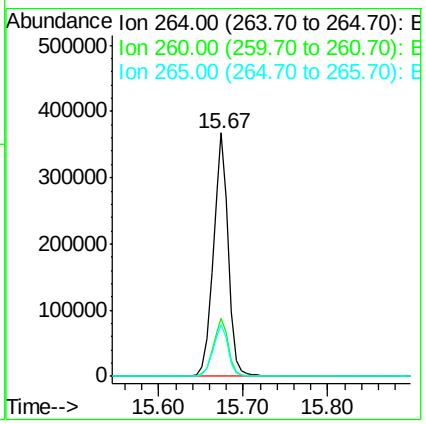


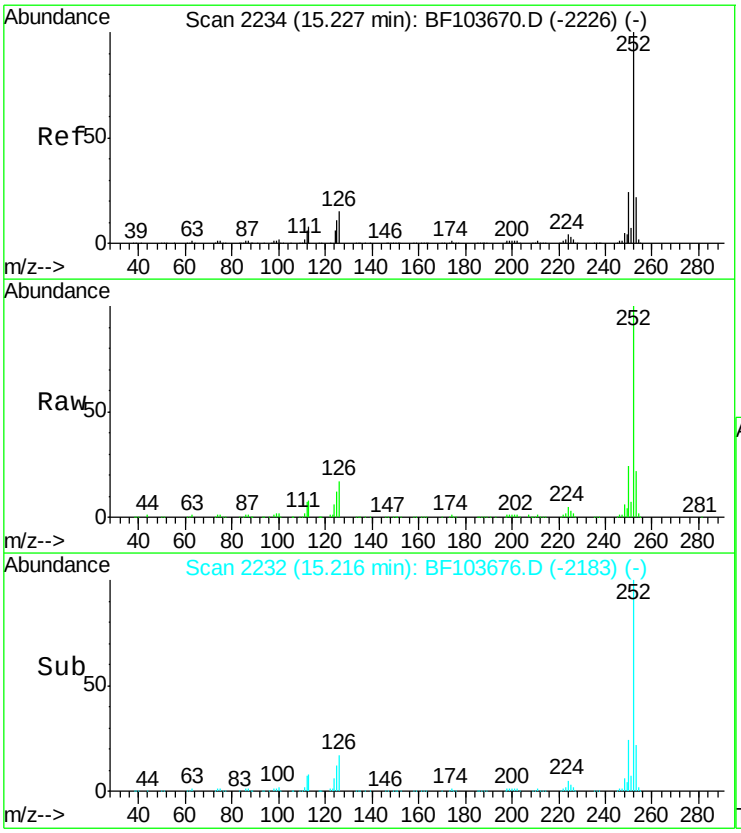
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:264 Resp: 459059

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.2	17.5	26.3

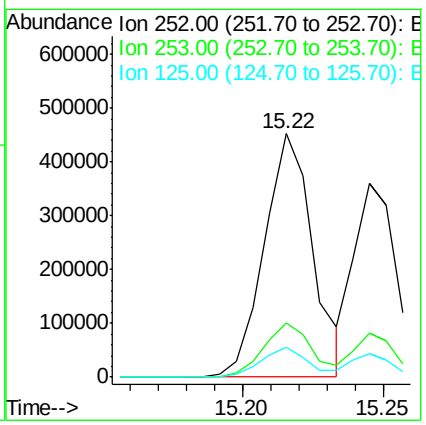


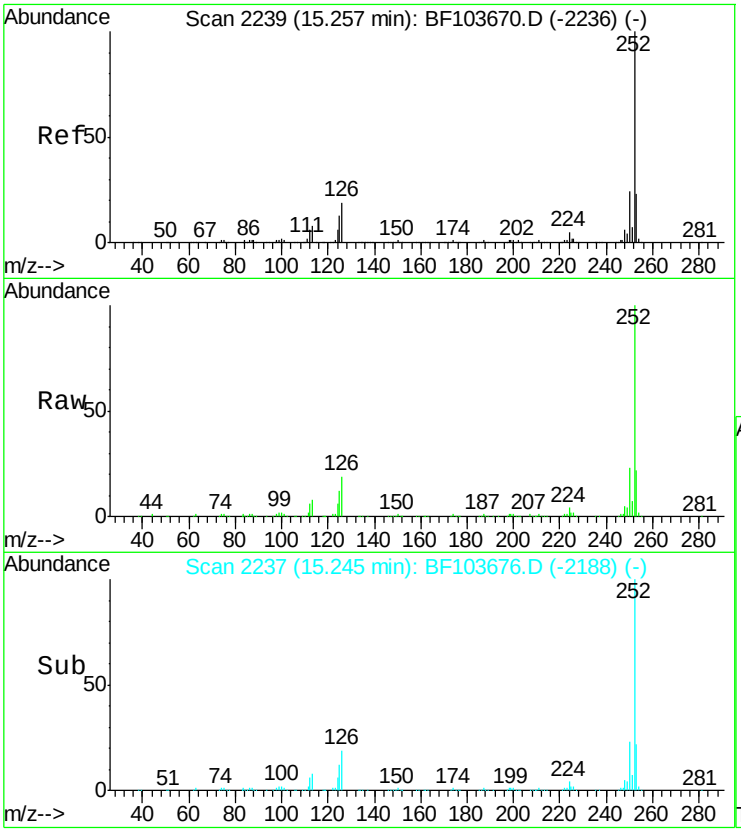


#87
Benzo(b)fluoranthene
Concen: 18.599 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion:252 Resp: 539399

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	12.4	9.0	13.6



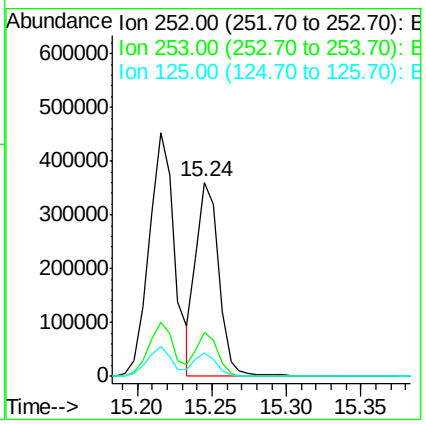


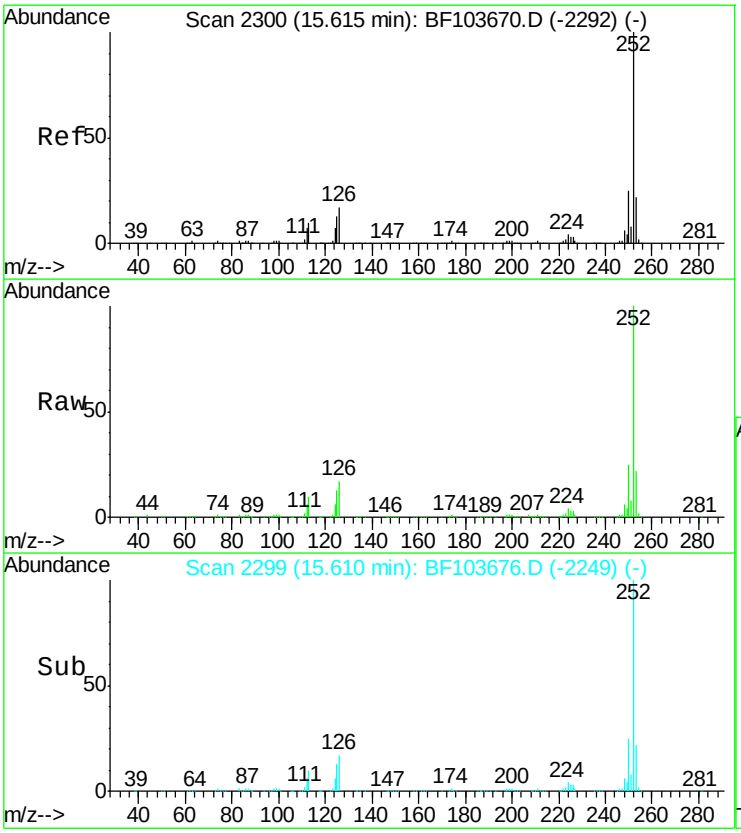
#88
Benzo(k)fluoranthene
Concen: 13.601 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:252 Resp: 379169

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	12.2	10.2	15.2

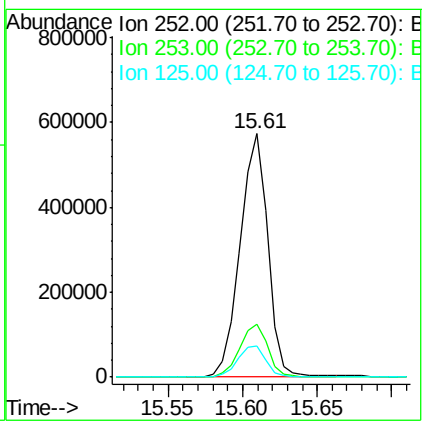


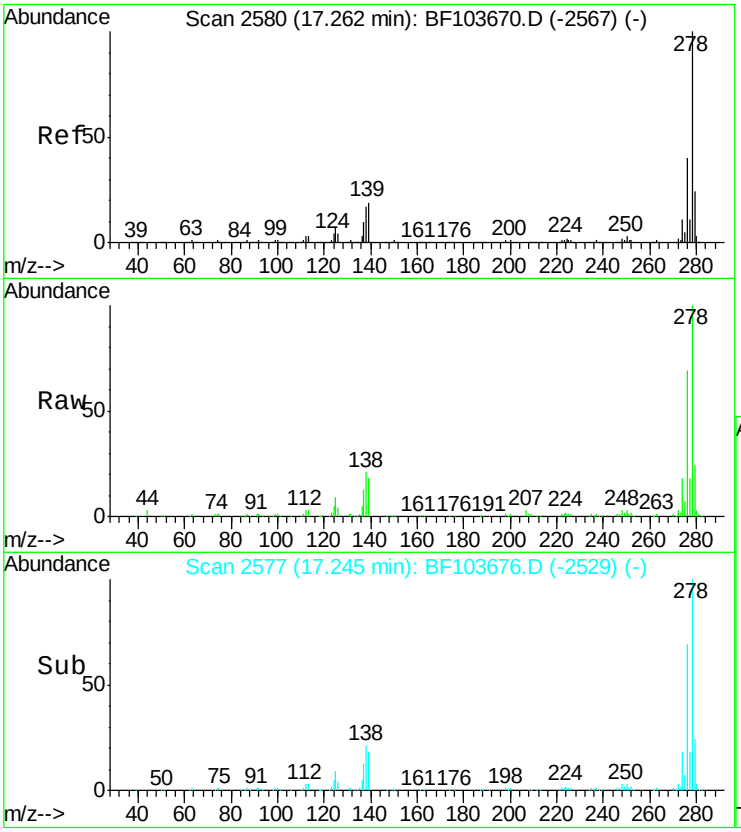


#89
Benzo(a)pyrene
Concen: 28.051 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion:252 Resp: 737894

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	12.8	9.8	14.6



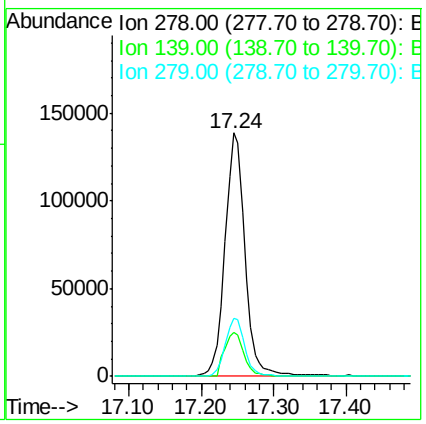


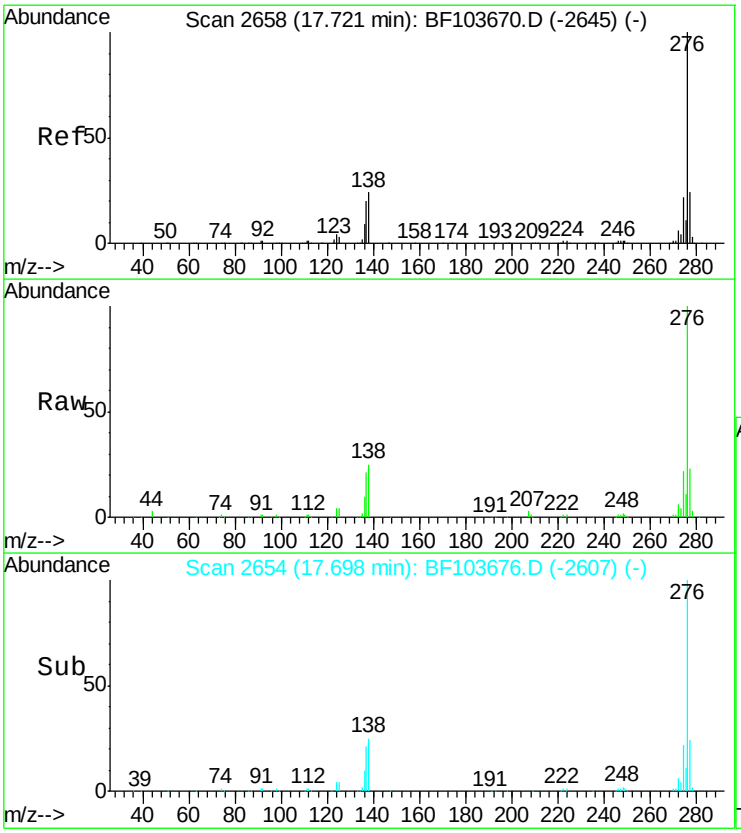
#90
Dibenzo(a,h)anthracene
Concen: 11.753 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Instrument :
BNA_F
ClientSampleId :
PT-BN-WPDL

Tgt Ion:278 Resp: 267698

Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.9	23.9
279	23.6	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 13.649 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.02 min
Lab File: BF103676.D
Acq: 15 Mar 2018 18:55

Tgt Ion:276 Resp: 302449

Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	25.3	21.8	32.8