Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
Data File : BF107308.D
Acq On : 11 Jul 2018 18:52
Operator : JU/SJ
Sample : J3914-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SMH

Quant Time: Jul 12 01:04:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	64221	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	237861	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	107063	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	187958	20.00	ng		0.00
75) Chrysene-d12	14.14	240	166950	20.00	ng		0.00
86) Perylene-d12	15.68	264	118706	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	386598	101.93	ng		0.01
7) Phenol-d6	6.58	99	483967	102.18	ng		0.00
23) Nitrobenzene-d5	7.50	82	308127	71.99	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	126180	101.69	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	519690	81.56	ng		0.00
78) Terphenyl-d14	13.07	244	494131	71.69	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.60	94	12725	2.354	ng		93
19) n-Nitroso-di-n-propylamine	7.50	70	40166	12.866	ng	#	73
20) 3+4-Methylphenols	7.37	107	280	Below Cal		#	71
25) Isophorone	7.50	82	308123	40.853	ng	#	64
48) Acenaphthylene	9.84	152	22127	2.087	ng		98
49) Dimethylphthalate	9.69	163	115301	14.359	ng		98
55) 4-Nitrophenol	10.19	139	2932	2.147	ng	#	9
56) 2,4-Dinitrotoluene	9.98	165	14104	6.355	ng	#	21
66) 4-Bromophenyl-phenylether	10.78	248	7605	3.390	ng	#	1
70) Phenanthrene	11.50	178	202205	22.305	ng		99
71) Anthracene	11.55	178	51716	5.589	ng		99
72) Carbazole	11.72	167	21028	2.427	ng		97
74) Fluoranthene	12.71	202	418166	41.850	ng		94
77) Pyrene	12.94	202	378150	34.349	ng		100
80) Benzo(a)anthracene	14.13	228	241932	23.777	ng		99
82) Chrysene	14.17	228	204806	21.879	ng		98
85) Indeno(1,2,3-cd)pyrene	17.28	276	95587	12.033	ng	#	86
87) Benzo(b)fluoranthene	15.22	252	305245	41.395	ng		97
88) Benzo(k)fluoranthene	15.22	252	305245	43.469	ng		97
89) Benzo(a)pyrene	15.62	252	152397	23.248	ng		95
90) Dibenzo(a,h)anthracene	17.28	278	25988	4.678	ng	#	89
91) Benzo(g,h,i)perylene	17.77	276	95323	17.555	ng	#	89

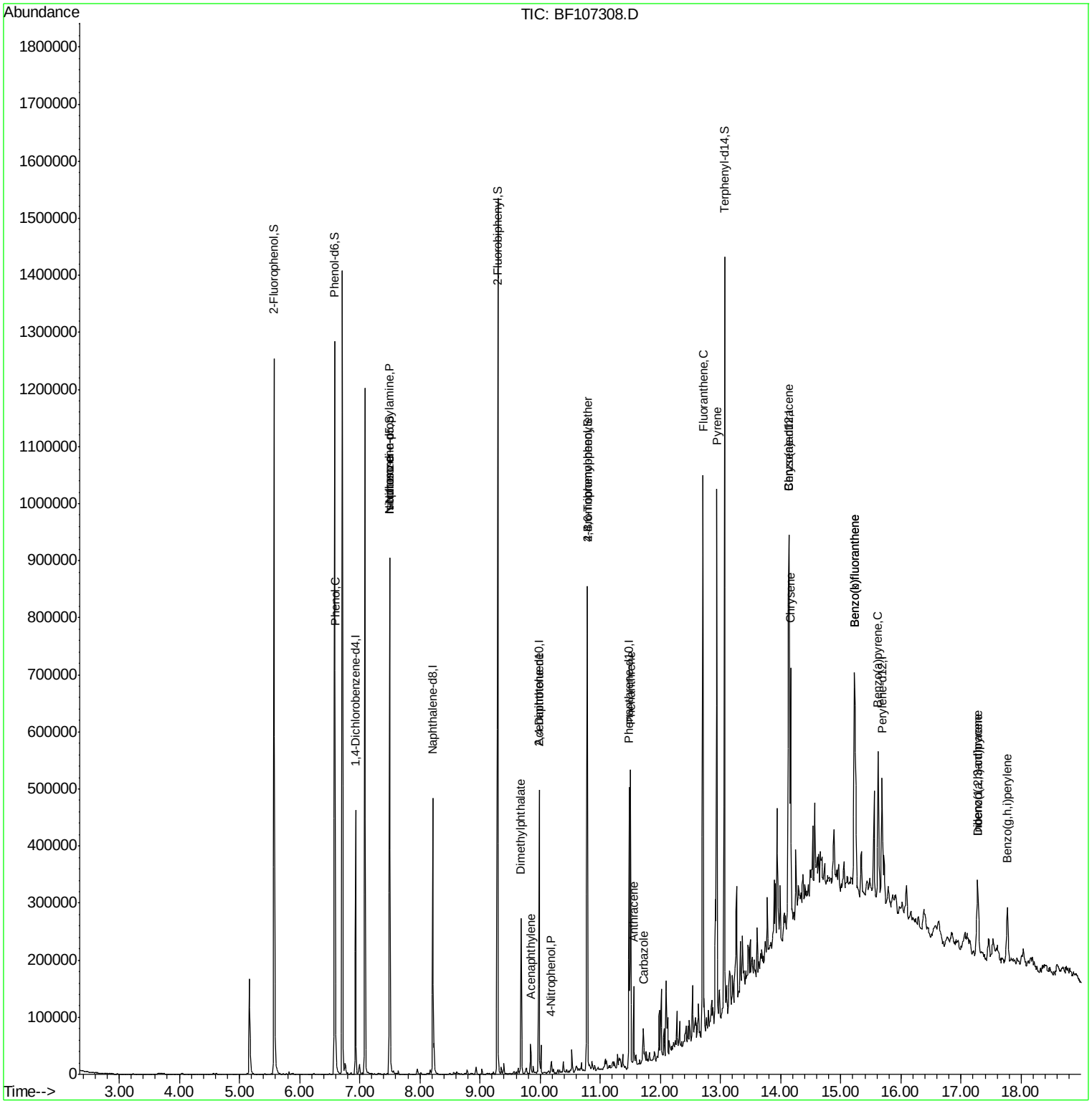
(#) = qualifier out of range (m) = manual integration (+) = signals summed

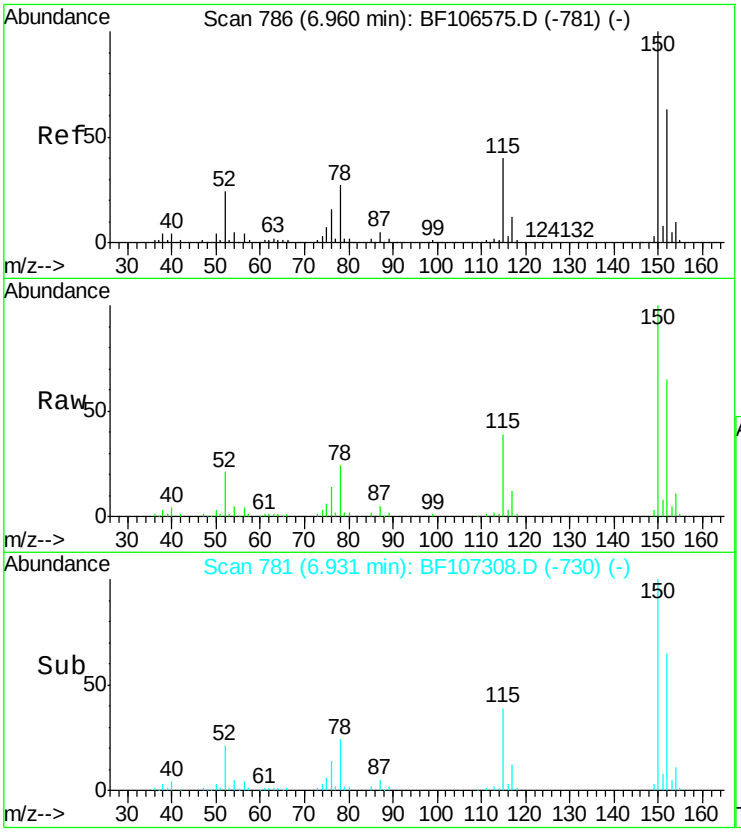
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071118\
Data File : BF107308.D
Acq On : 11 Jul 2018 18:52
Operator : JU/SJ
Sample : J3914-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SMH

Quant Time: Jul 12 01:04:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
Response via : Initial Calibration



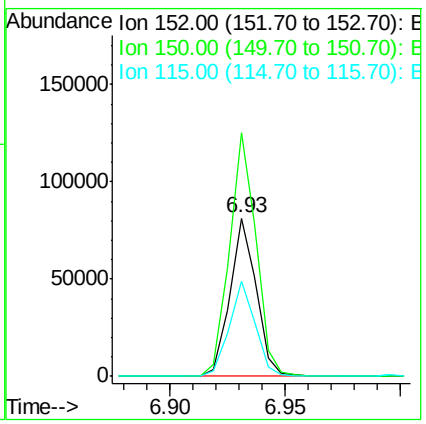


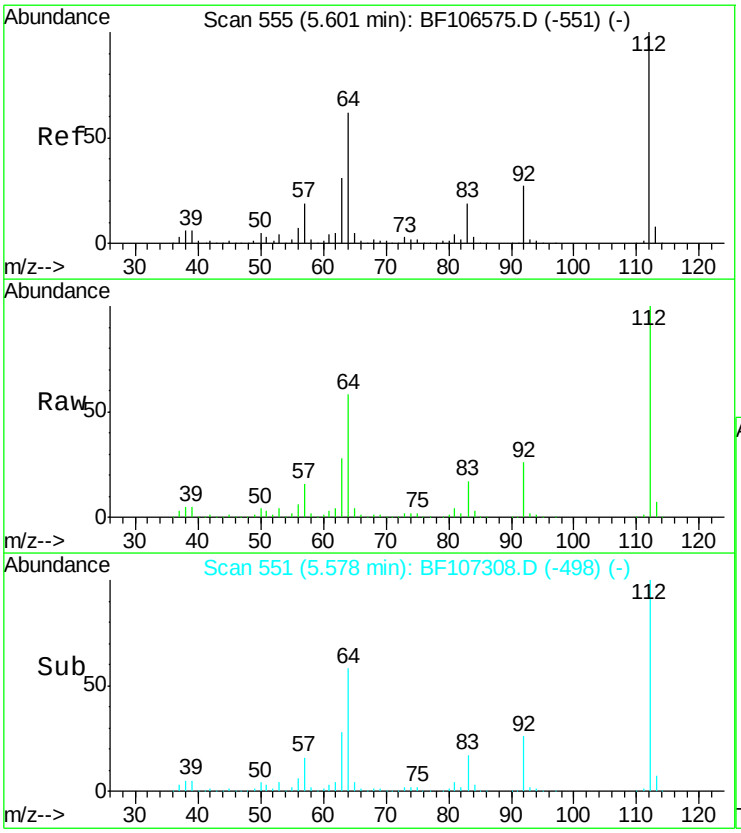
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Instrument :
BNA_F
ClientSampleId :
SMH

Tgt Ion:152 Resp: 64221

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	59.7	50.1	75.1

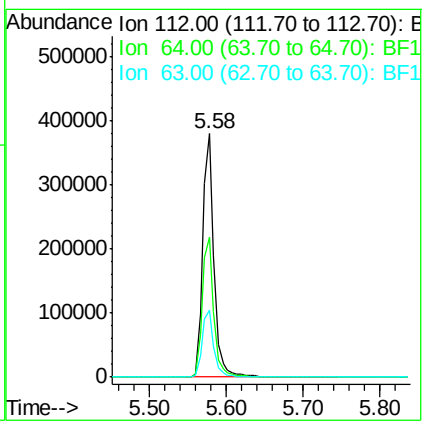


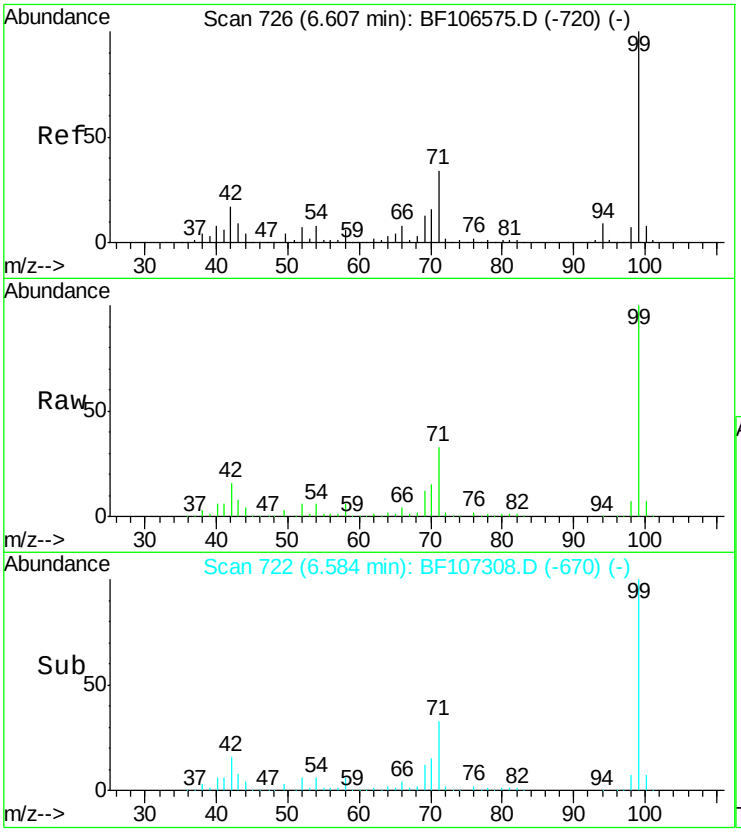


#5
2-Fluorophenol
Concen: 101.934 ng
RT: 5.58 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Tgt Ion:112 Resp: 386598

Ion	Ratio	Lower	Upper
112	100		
64	57.7	47.9	71.9
63	27.7	23.7	35.5



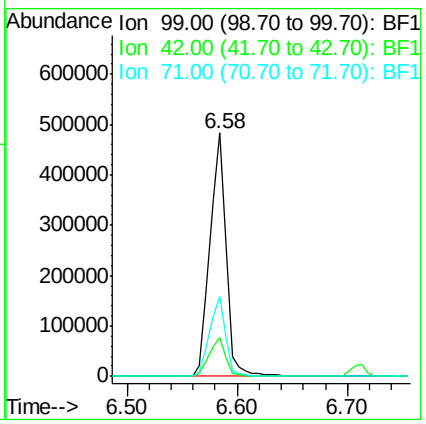


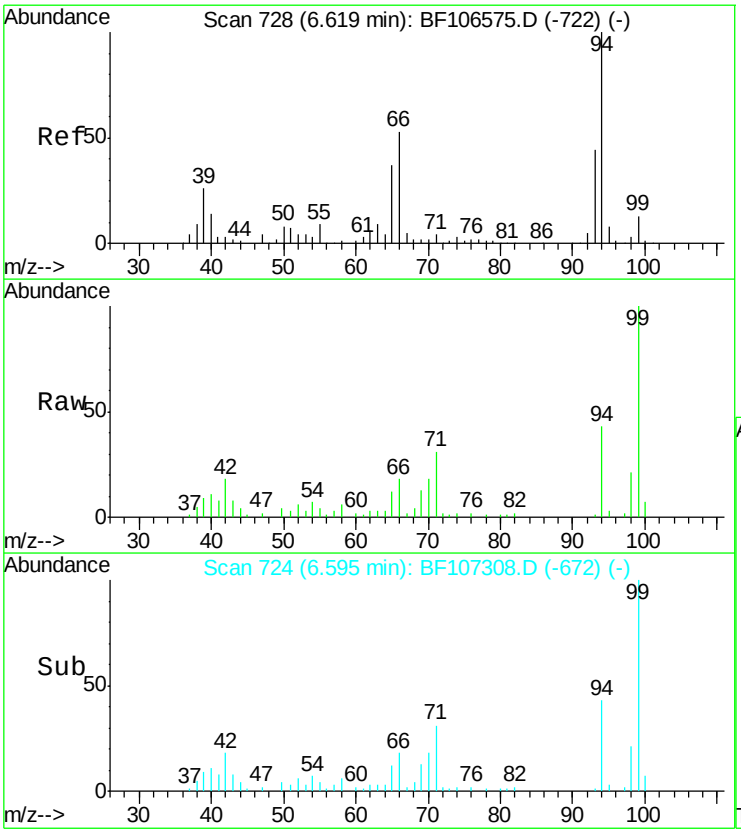
#7
Phenol-d6
Concen: 102.184 ng
RT: 6.58 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Instrument :
BNA_F
ClientSampleId :
SMH

Tgt Ion: 99 Resp: 483967

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	32.7	25.4	38.0

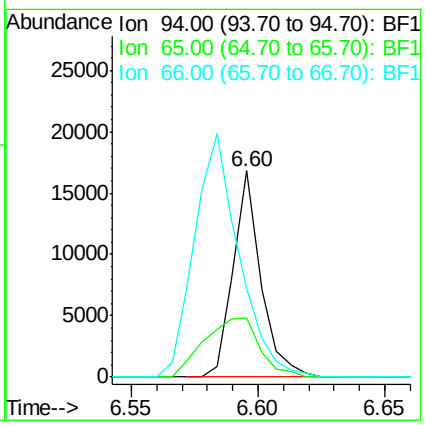


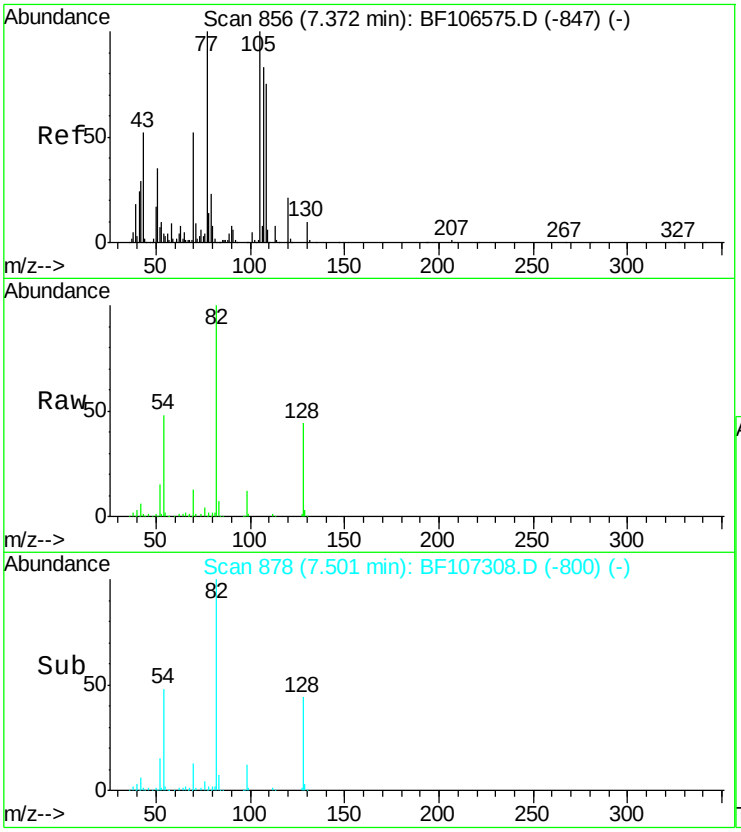


#10
Phenol
Concen: 2.354 ng
RT: 6.60 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Tgt Ion: 94 Resp: 12725

Ion	Ratio	Lower	Upper
94	100		
65	28.5	7.9	47.9
66	42.8	16.2	56.2



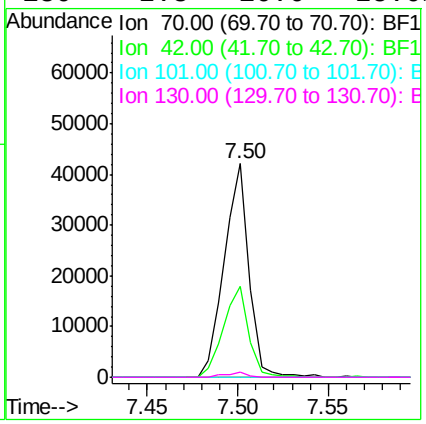


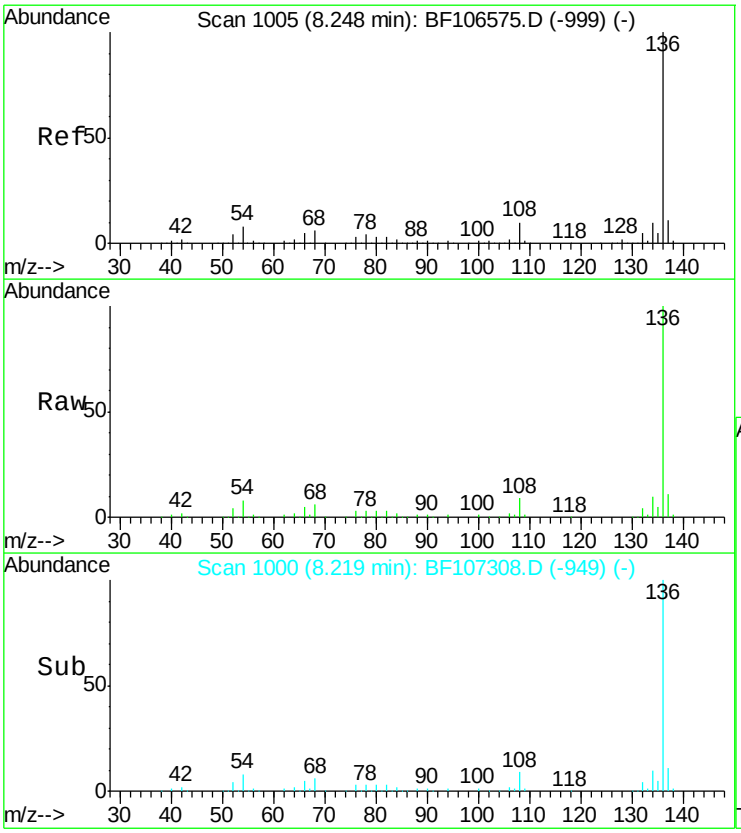
#19
n-Nitroso-di-n-propylamine
Concen: 12.866 ng
RT: 7.50 min Scan# 878
Delta R.T. 0.16 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Instrument :
BNA_F
ClientSampleId :
SMH

Tgt Ion: 70 Resp: 40166

Ion	Ratio	Lower	Upper
70	100		
42	42.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

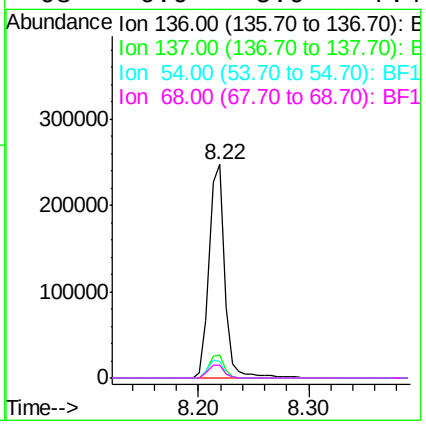


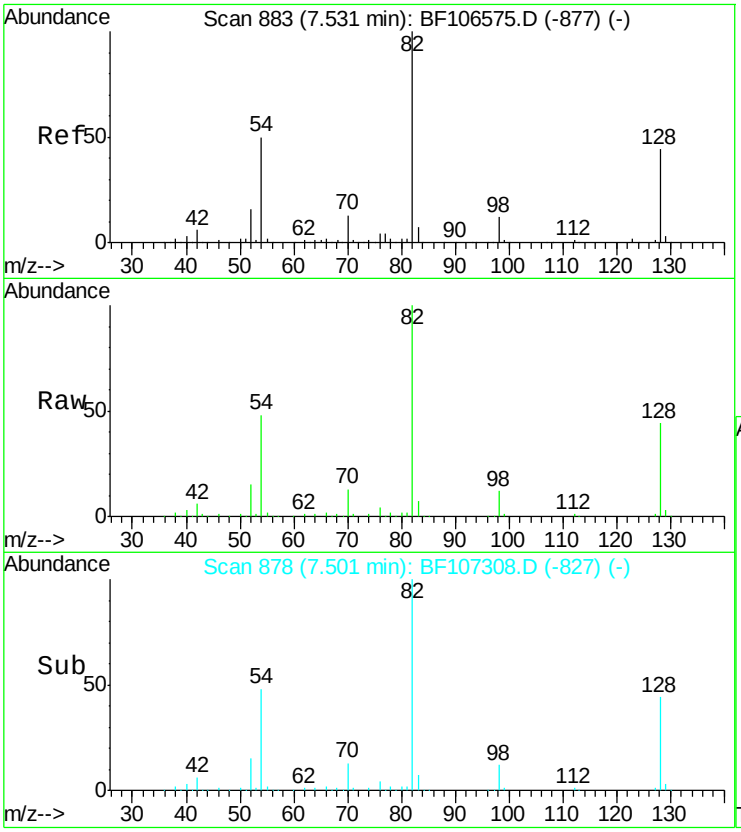


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Tgt Ion:136 Resp: 237861

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.7	6.6	9.8
68	6.0	5.0	7.4



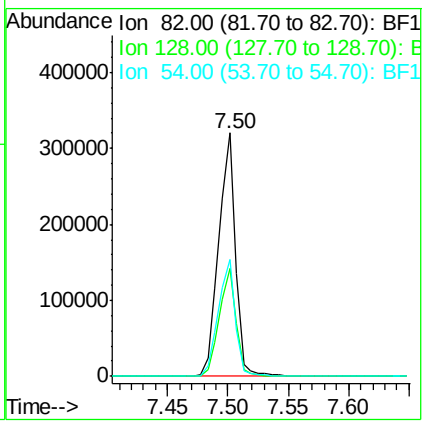


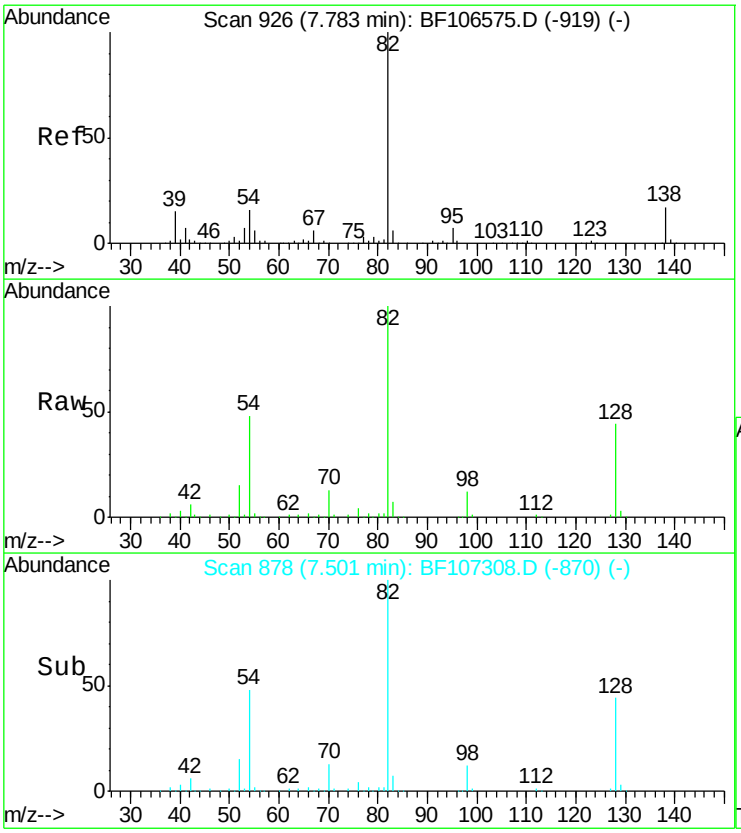
#23
Nitrobenzene-d5
Concen: 71.990 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Instrument :
BNA_F
ClientSampleId :
SMH

Tgt Ion: 82 Resp: 308127

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	47.9	41.4	62.2

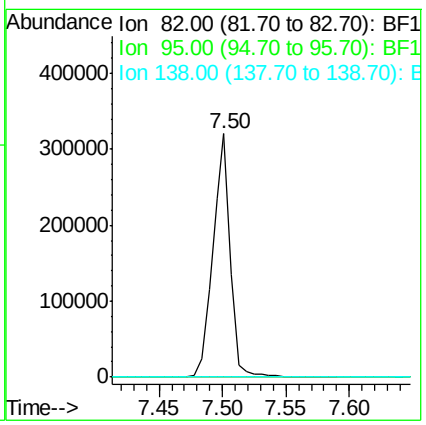


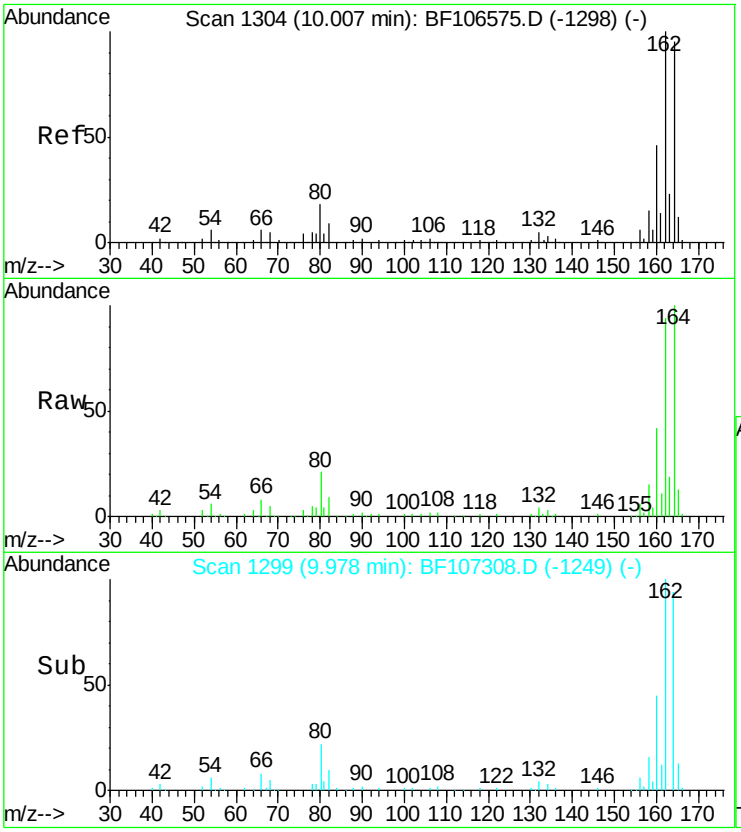


#25
Isophorone
Concen: 40.853 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.25 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Tgt Ion: 82 Resp: 308123

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



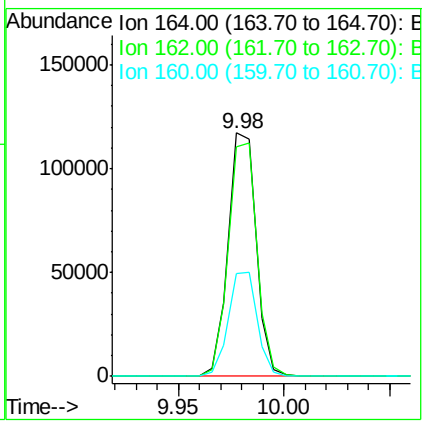


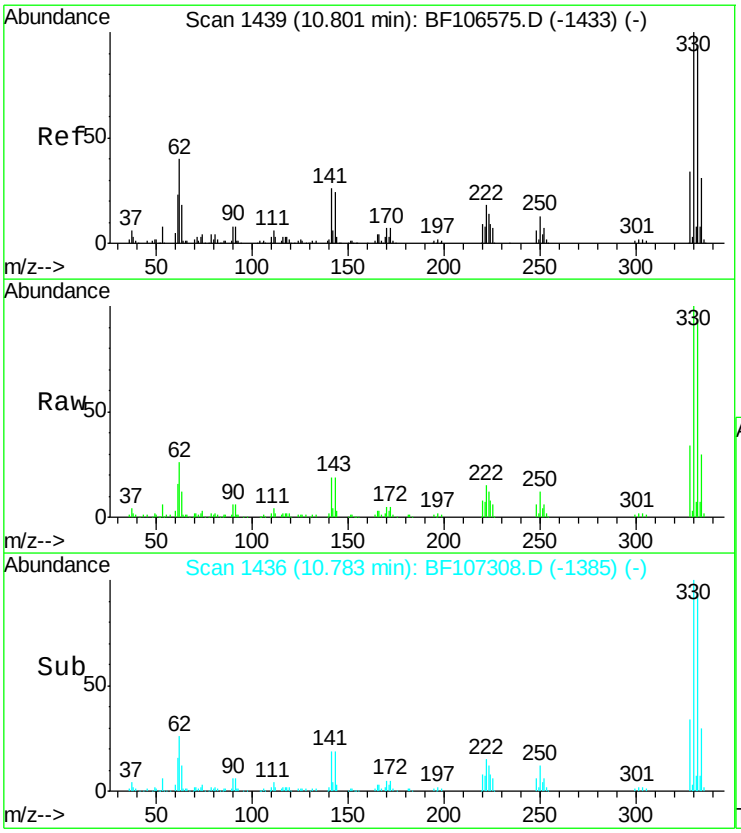
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Instrument :
BNA_F
ClientSampleId :
SMH

Tgt Ion:164 Resp: 107063

Ion	Ratio	Lower	Upper
164	100		
162	94.3	86.1	129.1
160	42.4	38.3	57.5

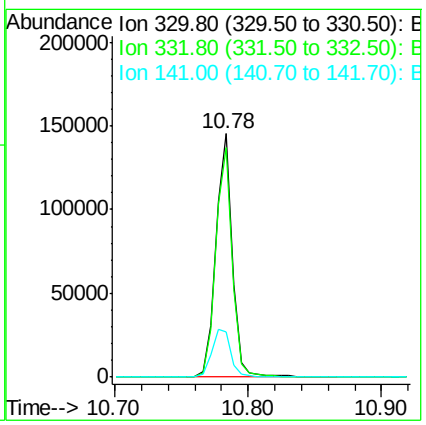


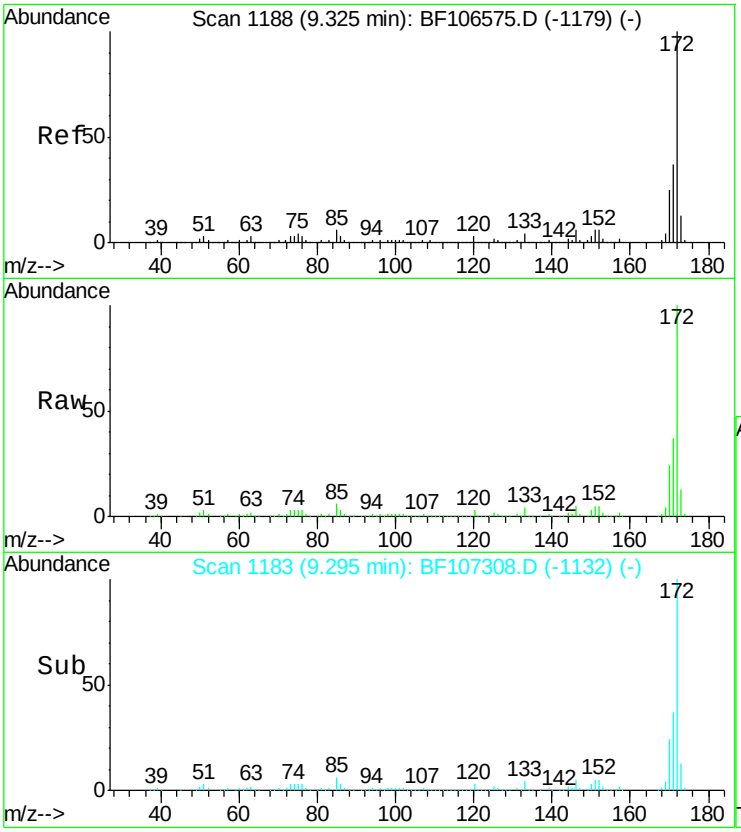


#41
2,4,6-Tribromophenol
Concen: 101.685 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Tgt Ion:330 Resp: 126180

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	22.9	29.9	44.9#



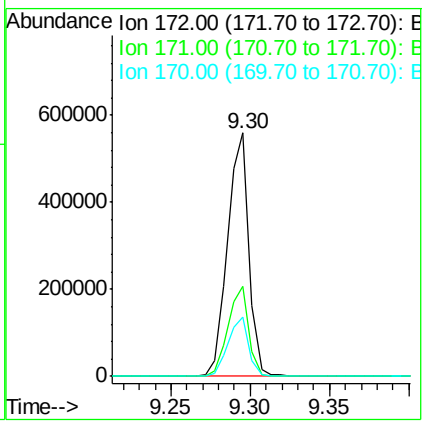


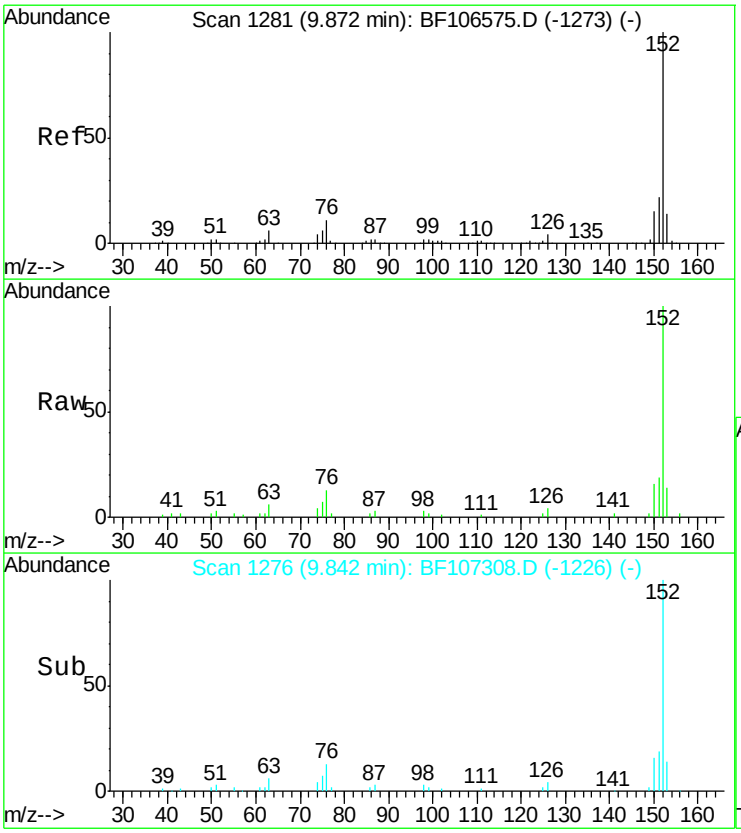
#44
2-Fluorobiphenyl
Concen: 81.565 ng
RT: 9.30 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Instrument :
BNA_F
ClientSampleId :
SMH

Tgt Ion:172 Resp: 519690

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.4	19.6	29.4

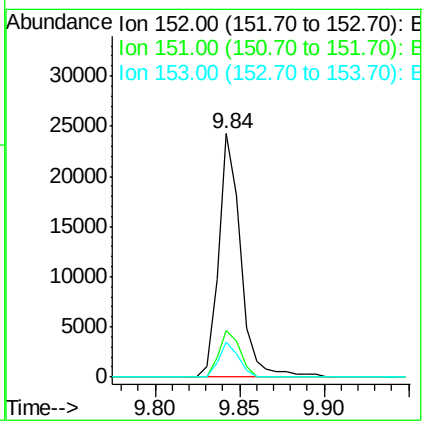


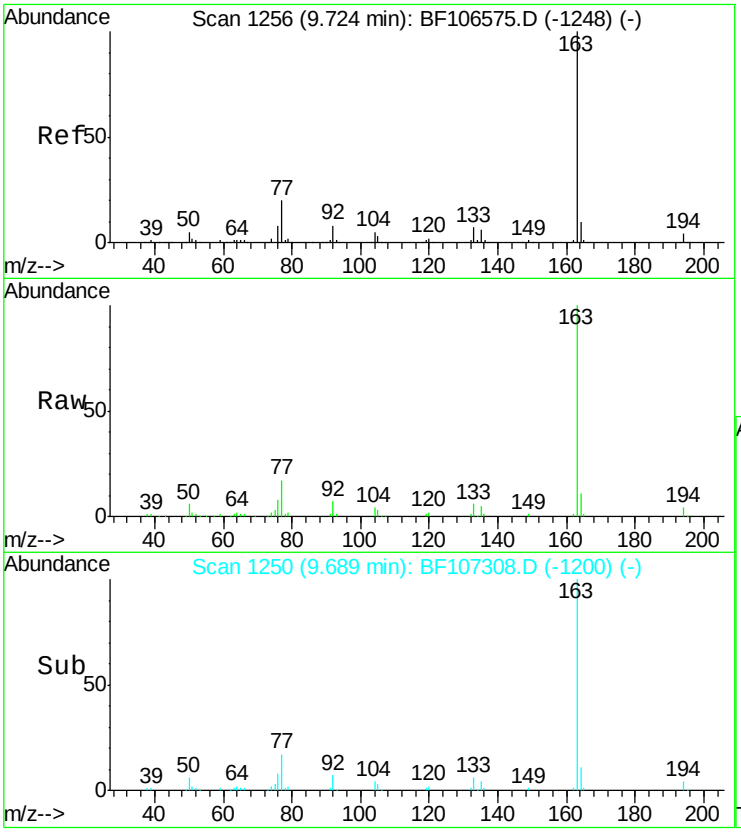


#48
Acenaphthylene
Concen: 2.087 ng
RT: 9.84 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Tgt Ion:152 Resp: 22127

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.3	24.5
153	14.4	10.7	16.1



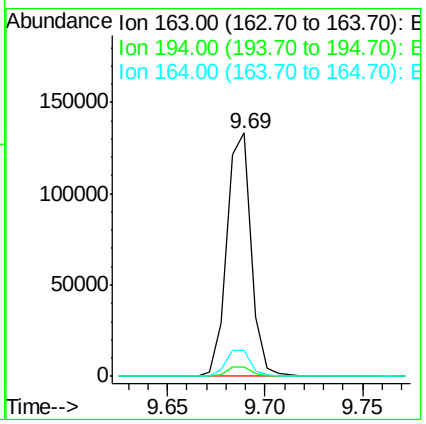


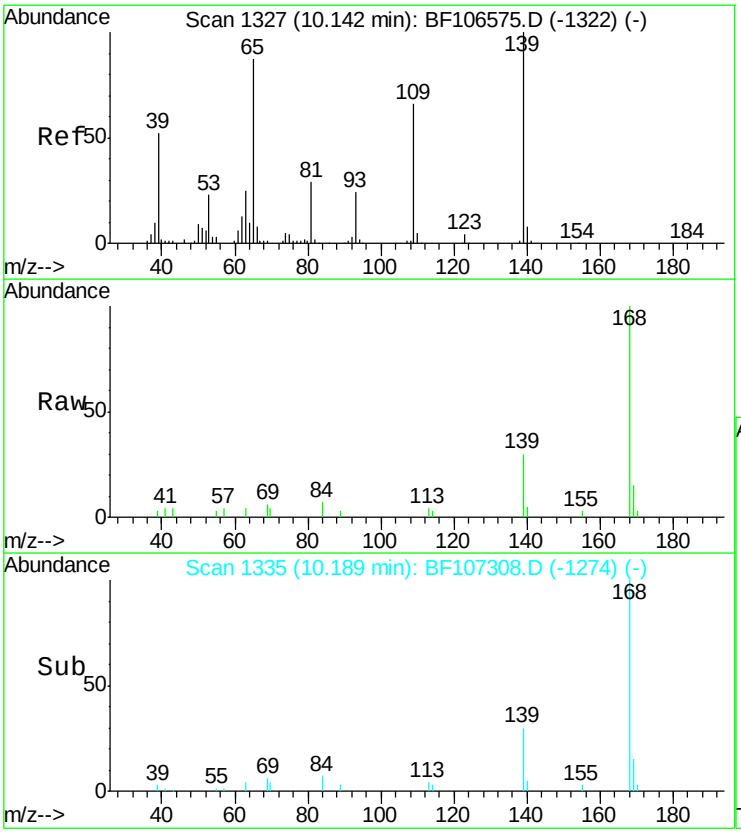
#49
Dimethylphthalate
Concen: 14.359 ng
RT: 9.69 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Instrument :
BNA_F
ClientSampleId :
SMH

Tgt Ion:163 Resp: 115301

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.9	8.2	12.2

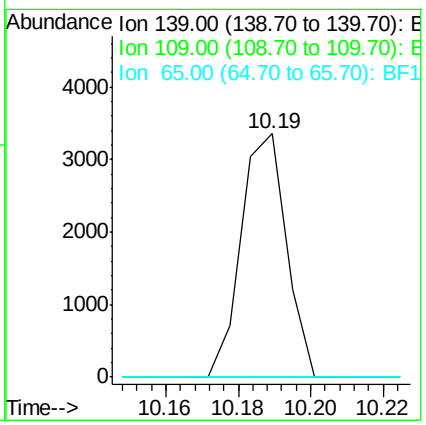


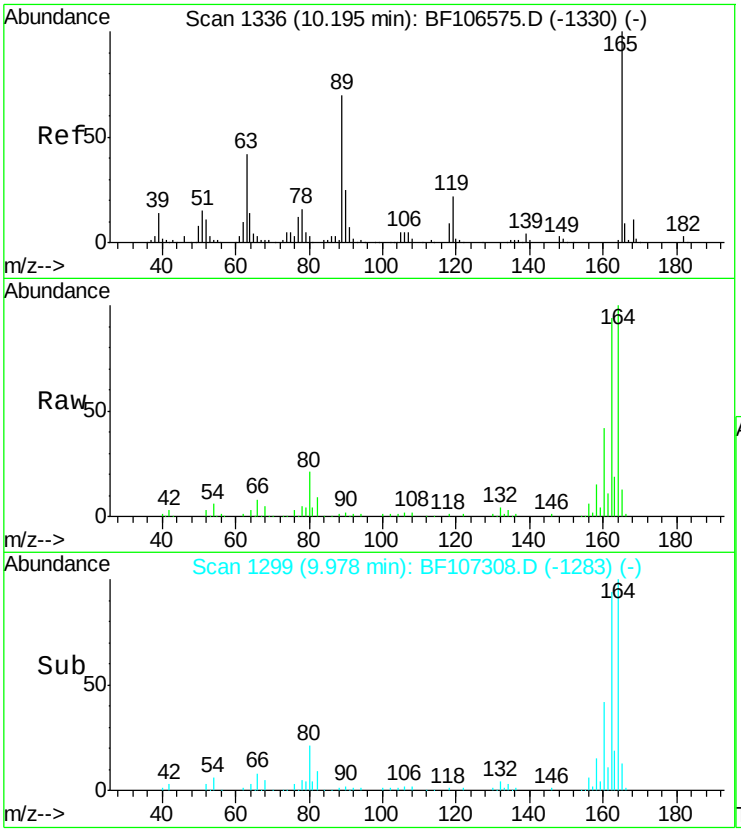


#55
4-Nitrophenol
Concen: 2.147 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.06 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Tgt Ion:139 Resp: 2932

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



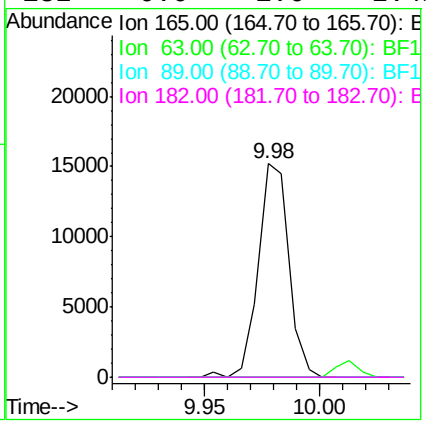


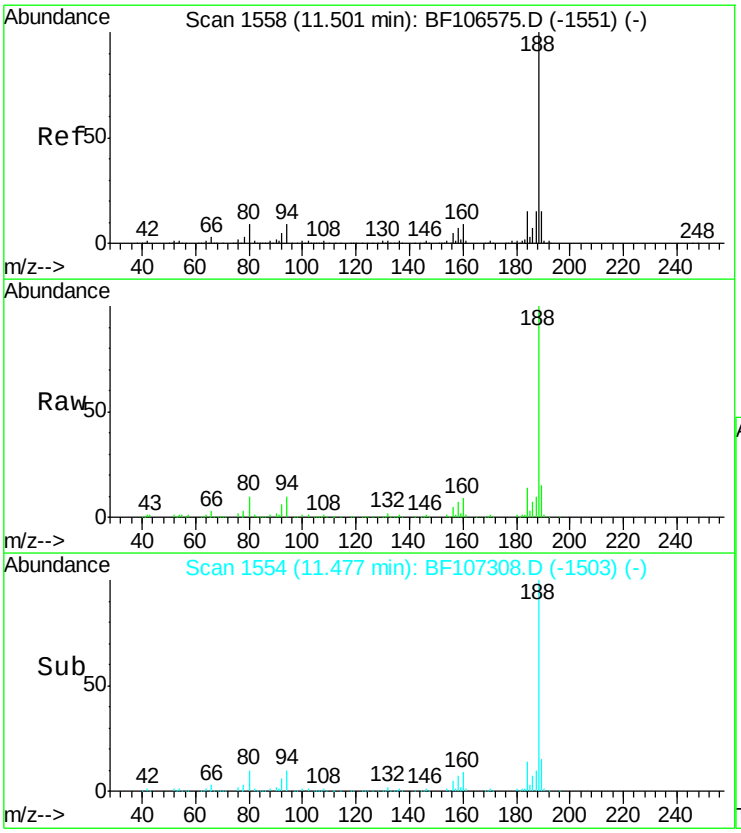
#56
2,4-Dinitrotoluene
Concen: 6.355 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Instrument :
BNA_F
ClientSampleId :
SMH

Tgt Ion:165 Resp: 14104

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#

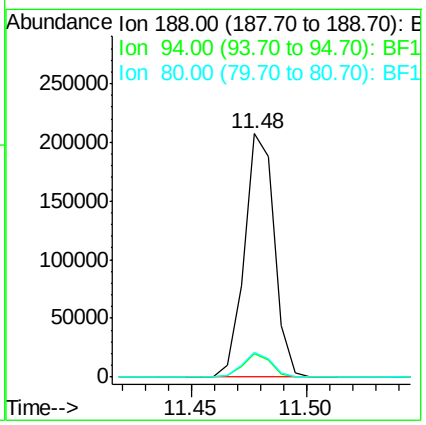


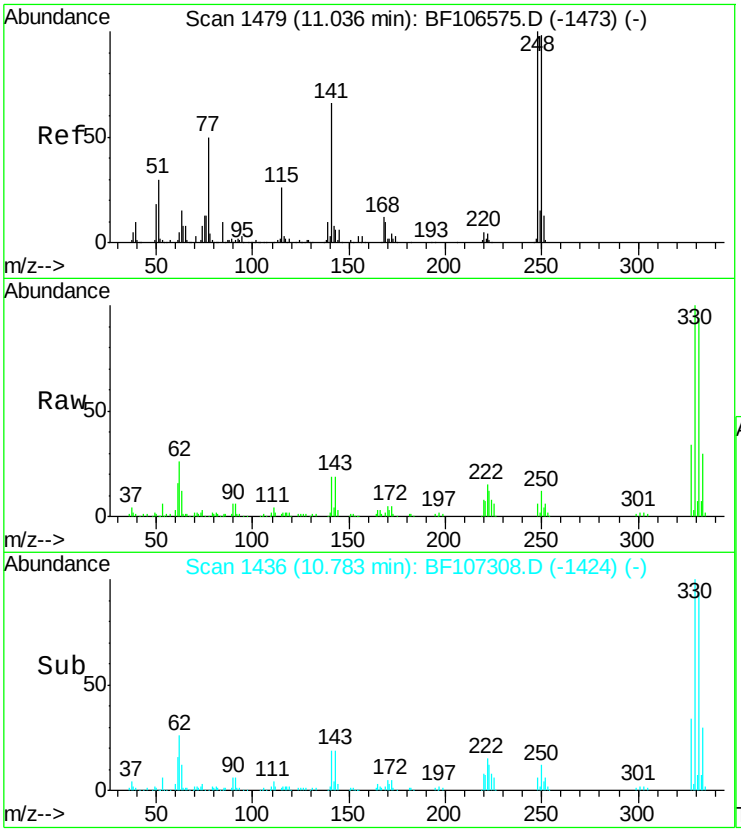


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Tgt Ion:188 Resp: 187958

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.0	9.2	13.8



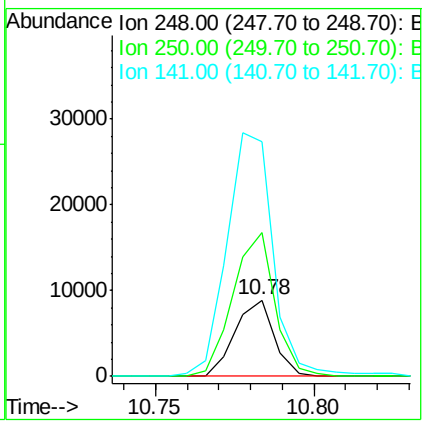


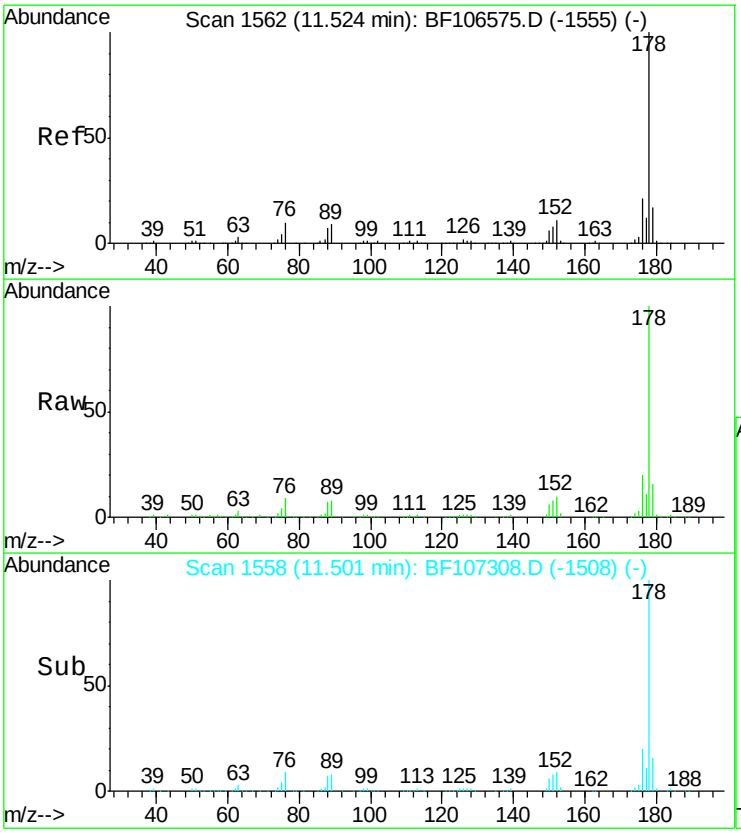
#66
4-Bromophenyl-phenylether
Concen: 3.390 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.23 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Instrument :
BNA_F
ClientSampleId :
SMH

Tgt Ion:248 Resp: 7605

Ion	Ratio	Lower	Upper
248	100		
250	188.3	76.9	115.3#
141	307.1	74.4	111.6#

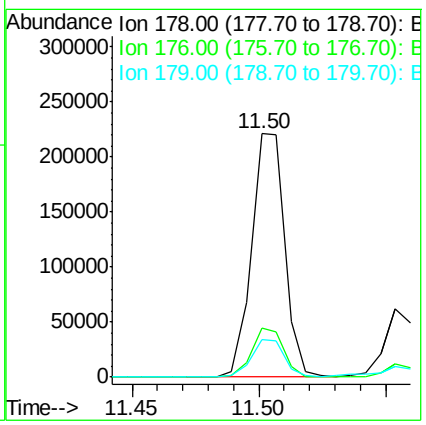


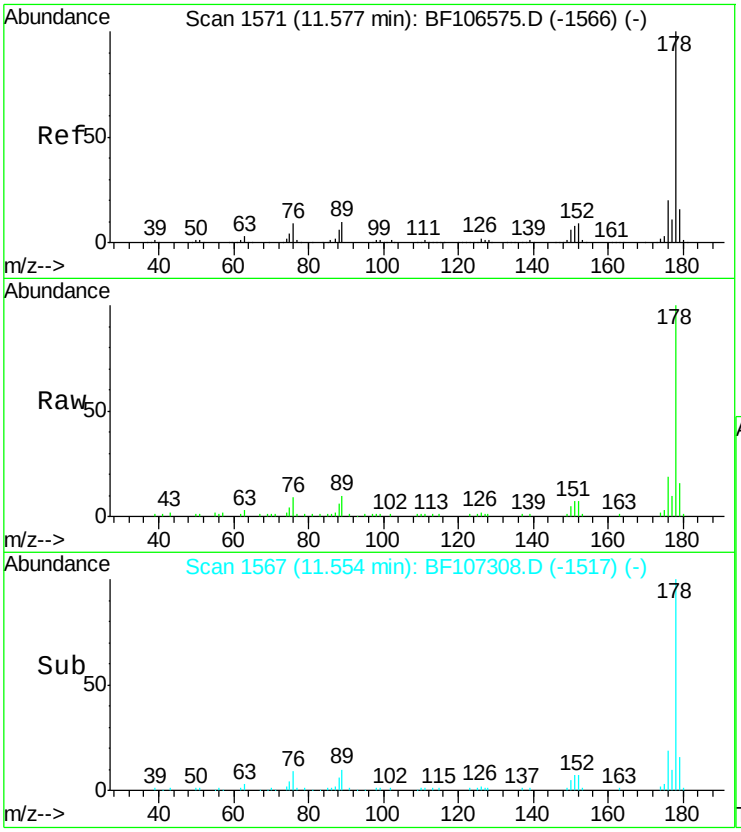


#70
Phenanthrene
Concen: 22.305 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Tgt Ion:178 Resp: 202205

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.6	13.0	19.6



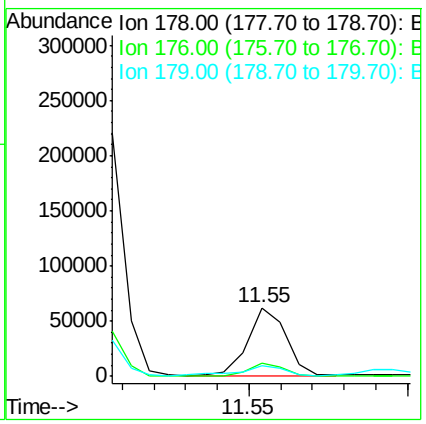


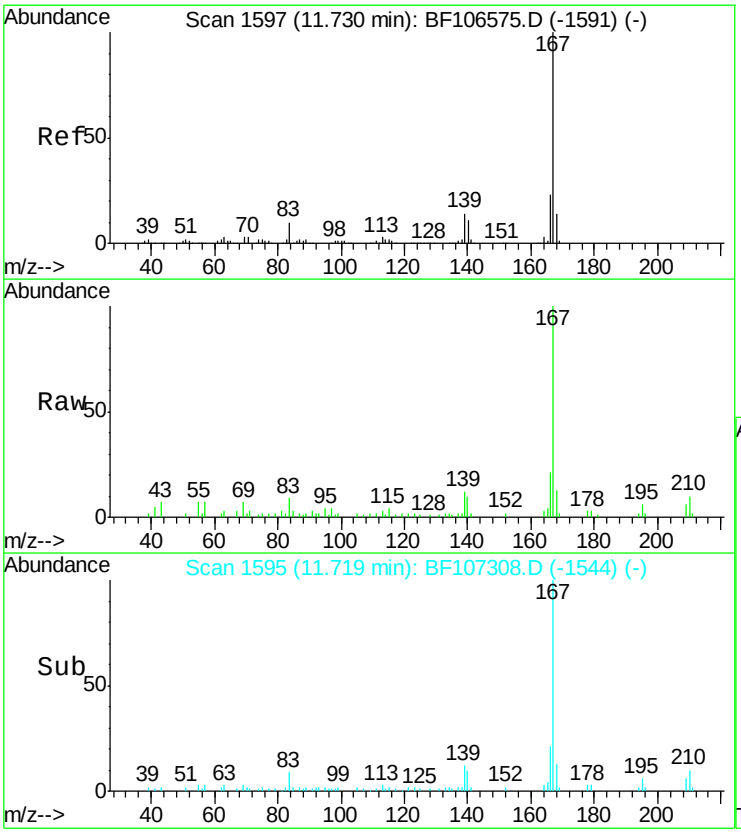
#71
Anthracene
Concen: 5.589 ng
RT: 11.55 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Instrument :
BNA_F
ClientSampleId :
SMH

Tgt Ion:178 Resp: 51716

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	16.0	12.6	19.0

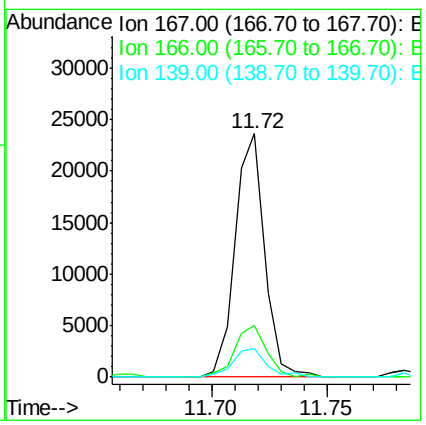


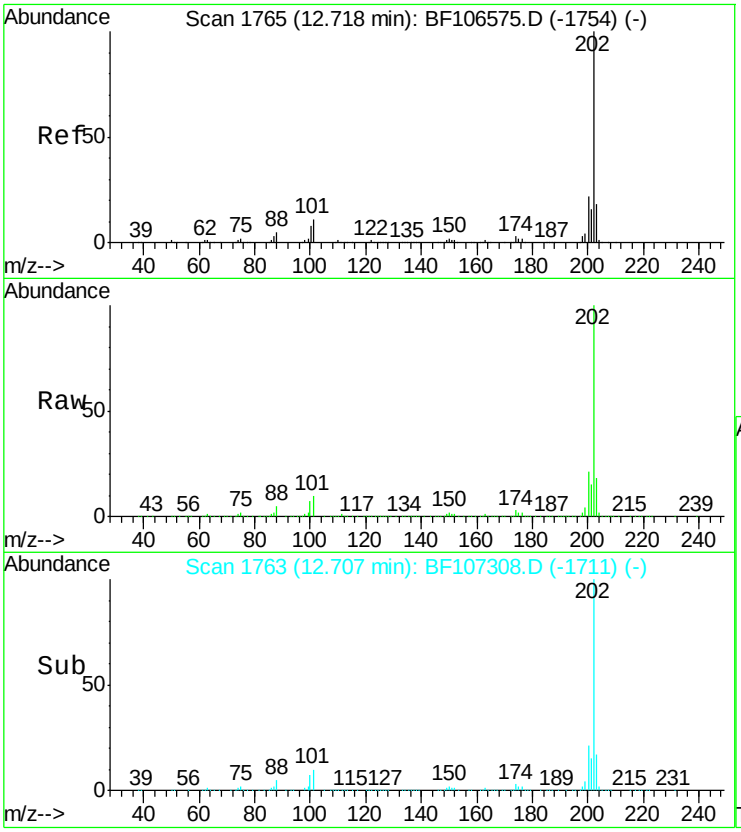


#72
Carbazole
Concen: 2.427 ng
RT: 11.72 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Tgt Ion:167 Resp: 21028

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.6	26.4
139	11.8	10.9	16.3



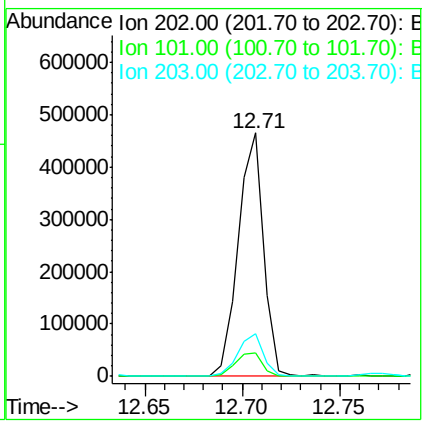


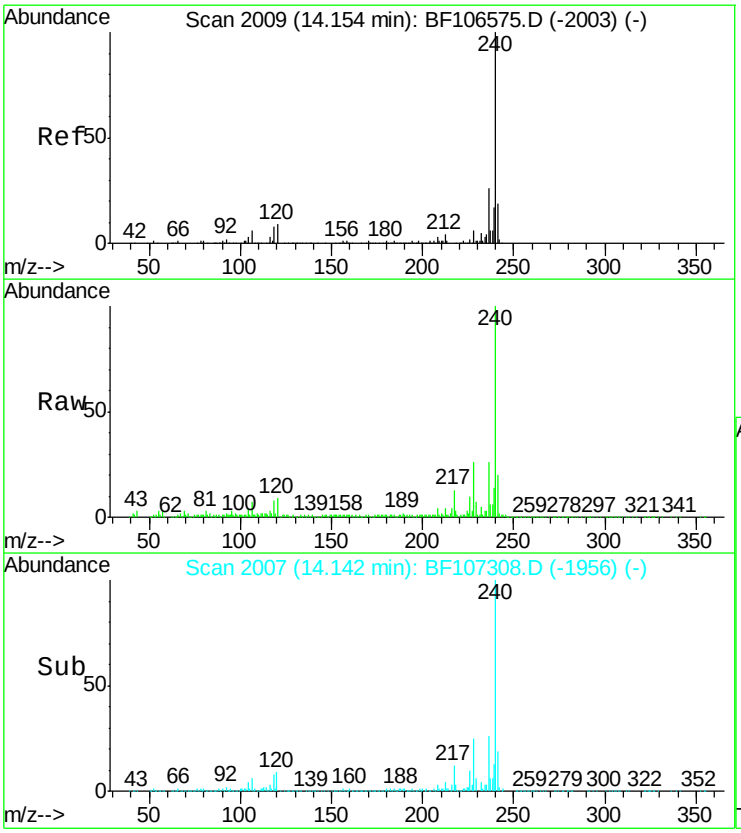
#74
Fluoranthene
Concen: 41.850 ng
RT: 12.71 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Instrument :
BNA_F
ClientSampleId :
SMH

Tgt Ion:202 Resp: 418166

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	34.1
203	17.5	0.0	38.1

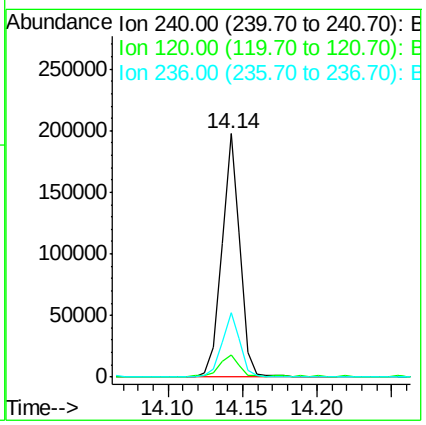


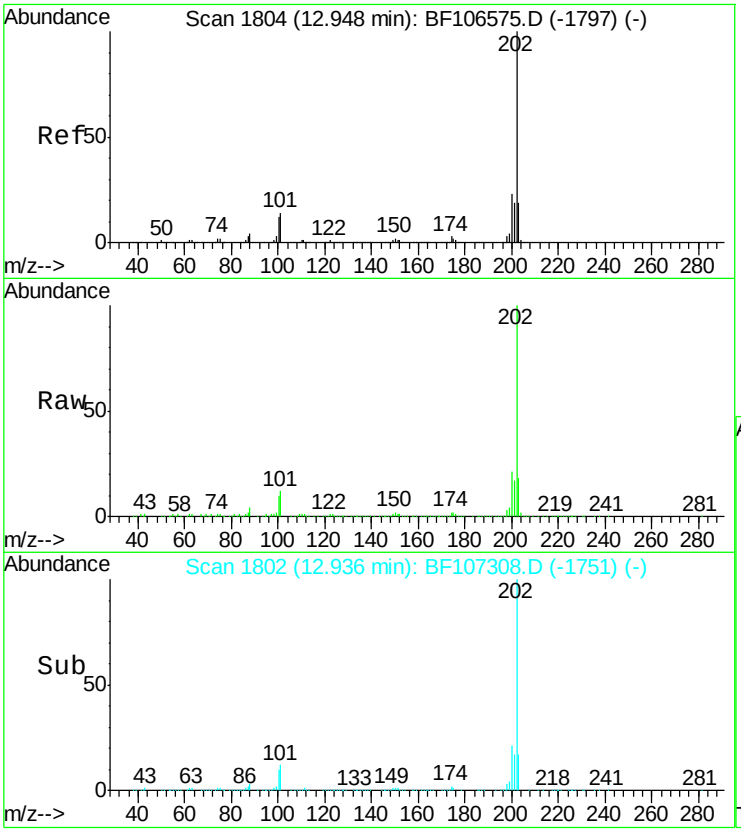


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Tgt Ion:240 Resp: 166950

Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	26.4	20.7	31.1



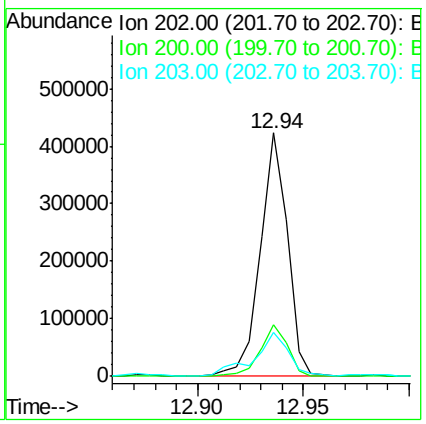


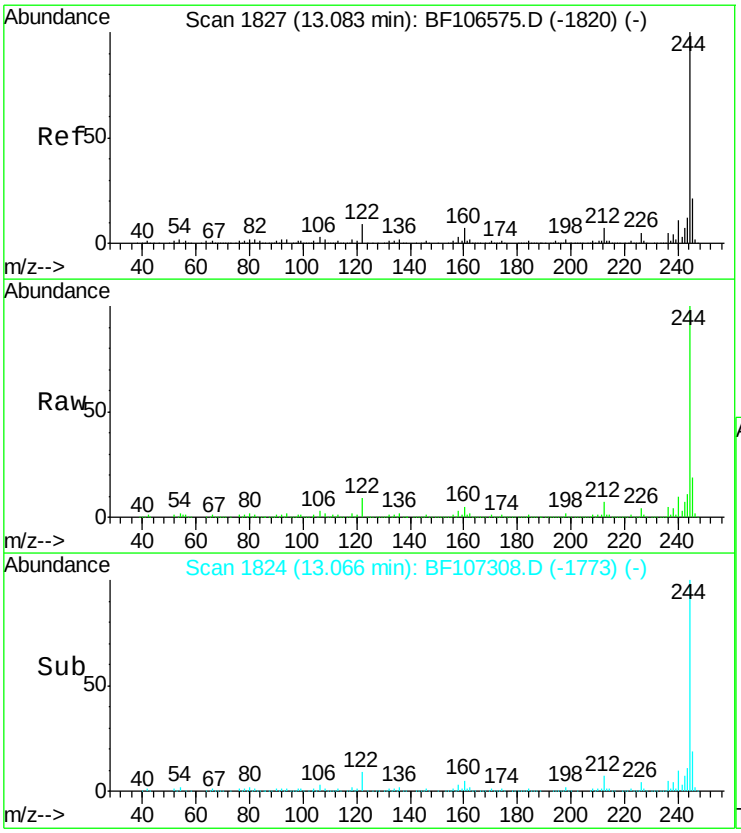
#77
Pyrene
Concen: 34.349 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Instrument :
BNA_F
ClientSampleId :
SMH

Tgt Ion:202 Resp: 378150

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.8	14.3	21.5

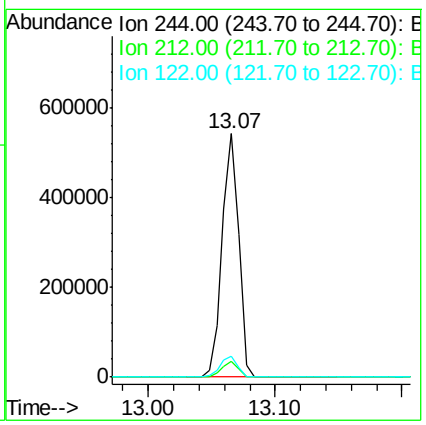


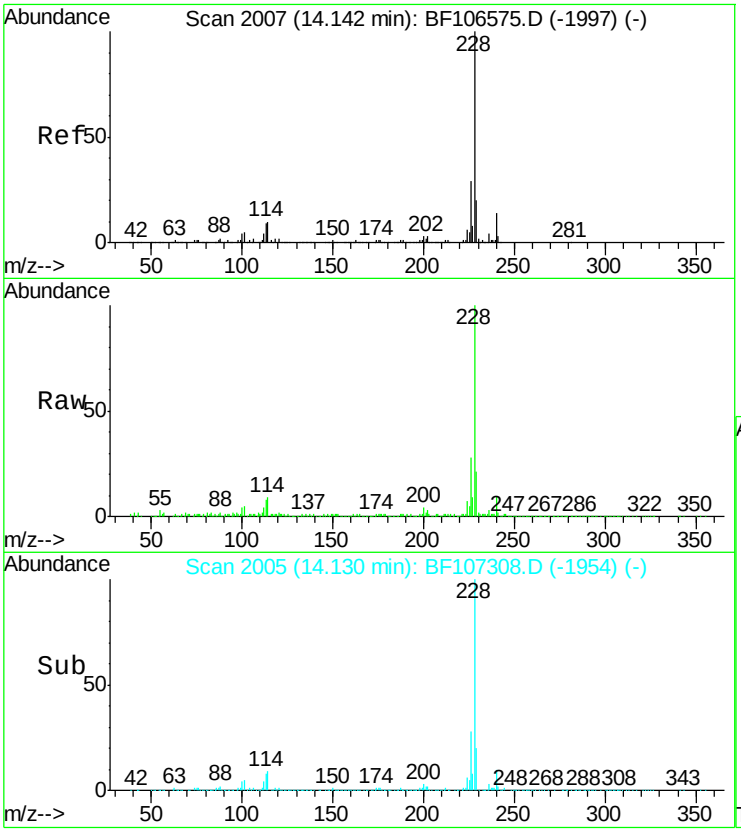


#78
Terphenyl-d14
Concen: 71.694 ng
RT: 13.07 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Tgt Ion:244 Resp: 494131

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.8	11.0	16.4#



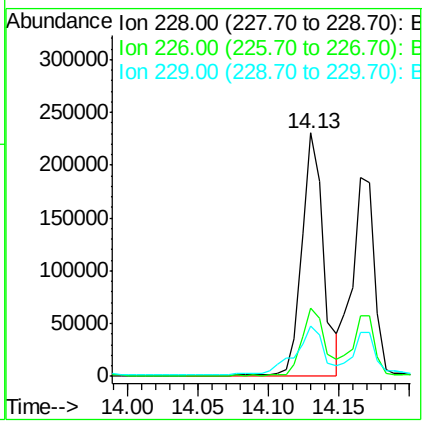


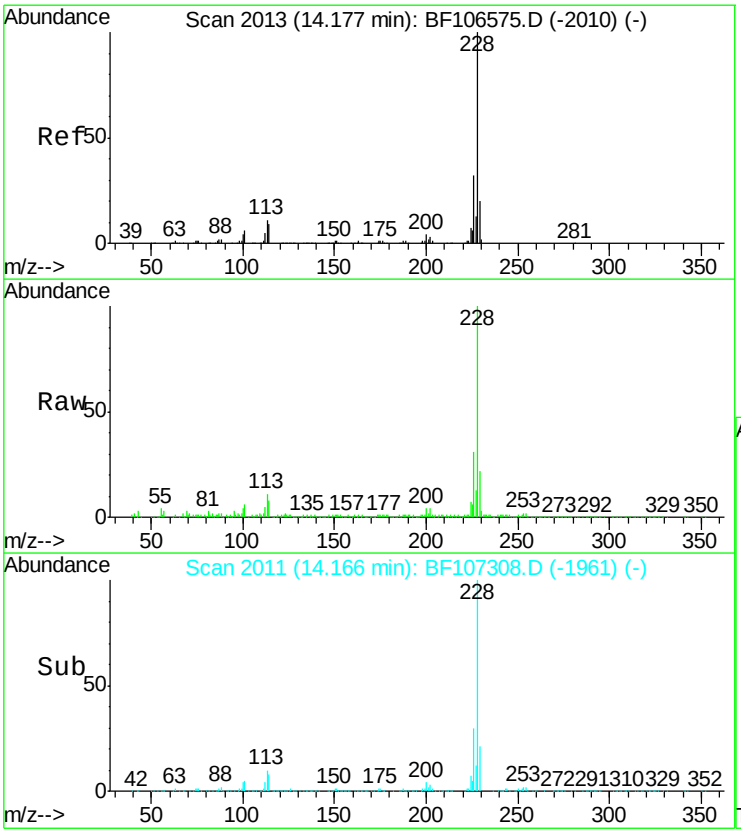
#80
Benzo(a)anthracene
Concen: 23.777 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Instrument :
BNA_F
ClientSampleId :
SMH

Tgt Ion:228 Resp: 241932

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.6	15.8	23.6

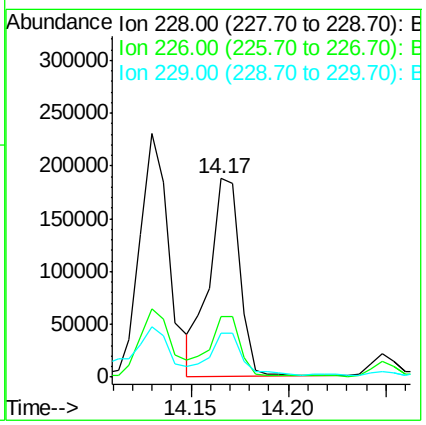


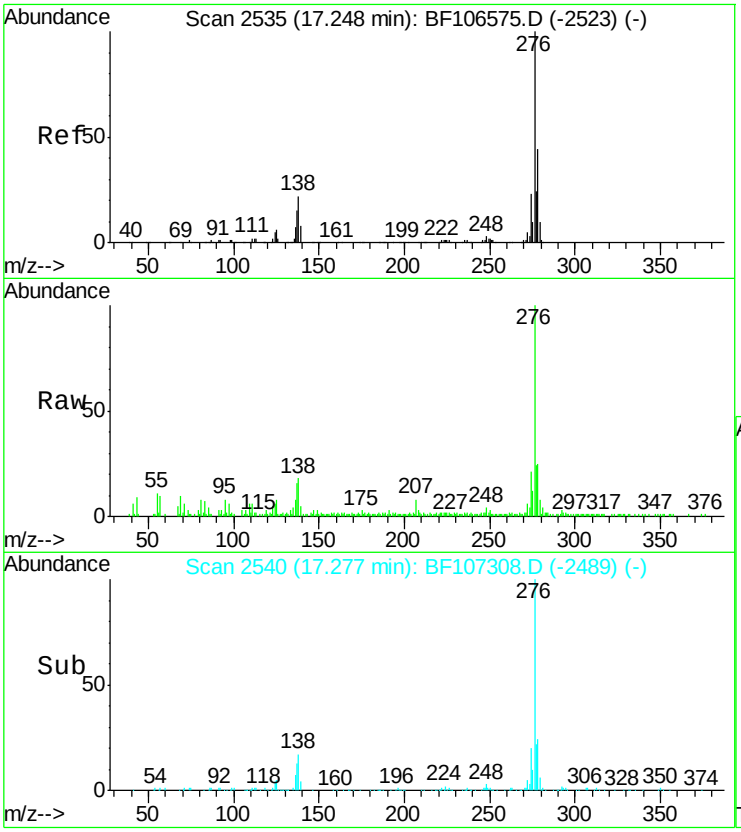


#82
Chrysene
Concen: 21.879 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Tgt Ion:228 Resp: 204806

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	22.2	16.2	24.4



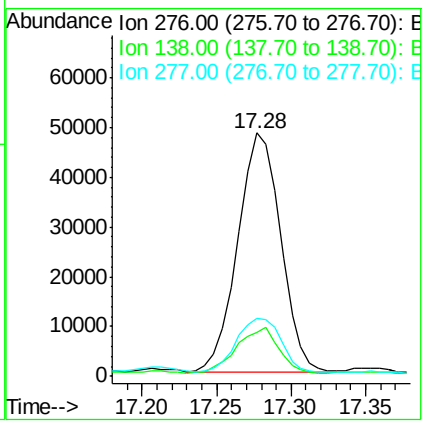


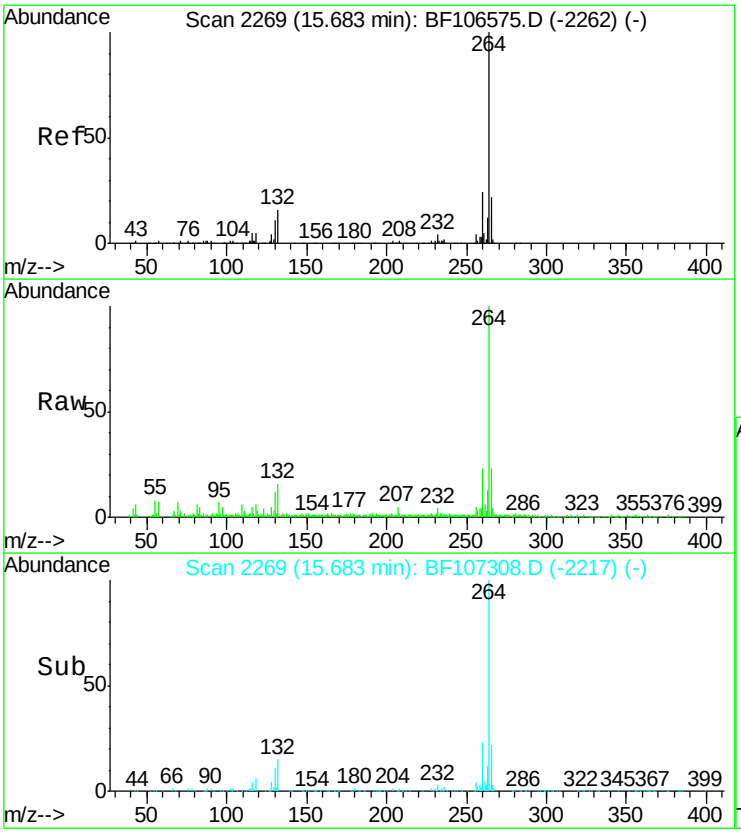
#85
Indeno(1,2,3-cd)pyrene
Concen: 12.033 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Instrument :
BNA_F
ClientSampleId :
SMH

Tgt Ion:276 Resp: 95587

Ion	Ratio	Lower	Upper
276	100		
138	19.0	25.0	37.6#
277	23.7	20.1	30.1

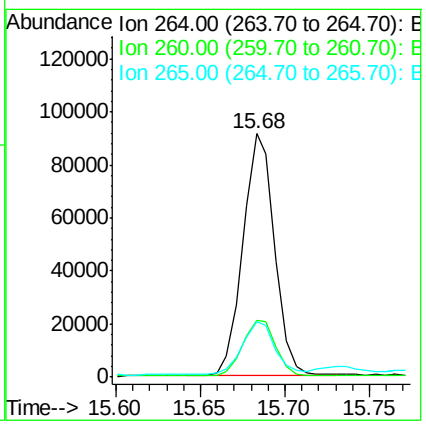


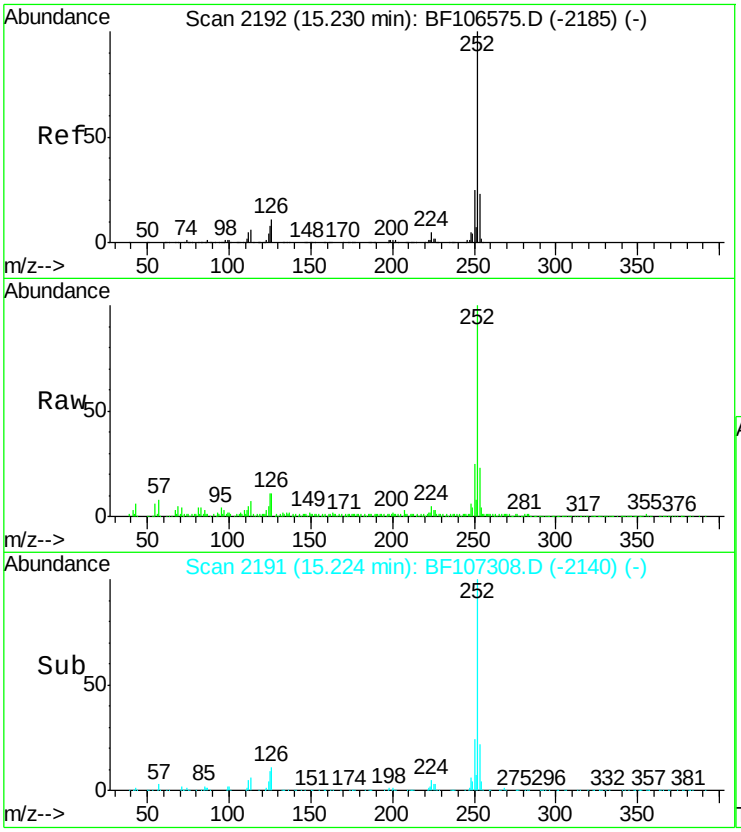


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Tgt Ion:264 Resp: 118706

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.9	17.5	26.3



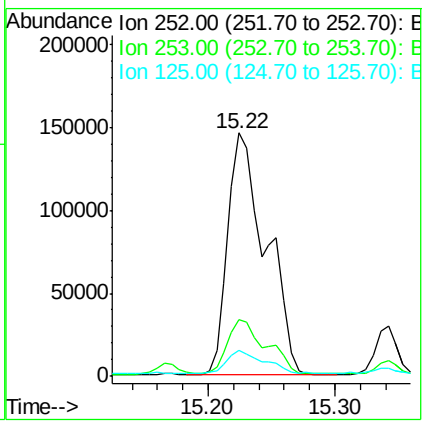


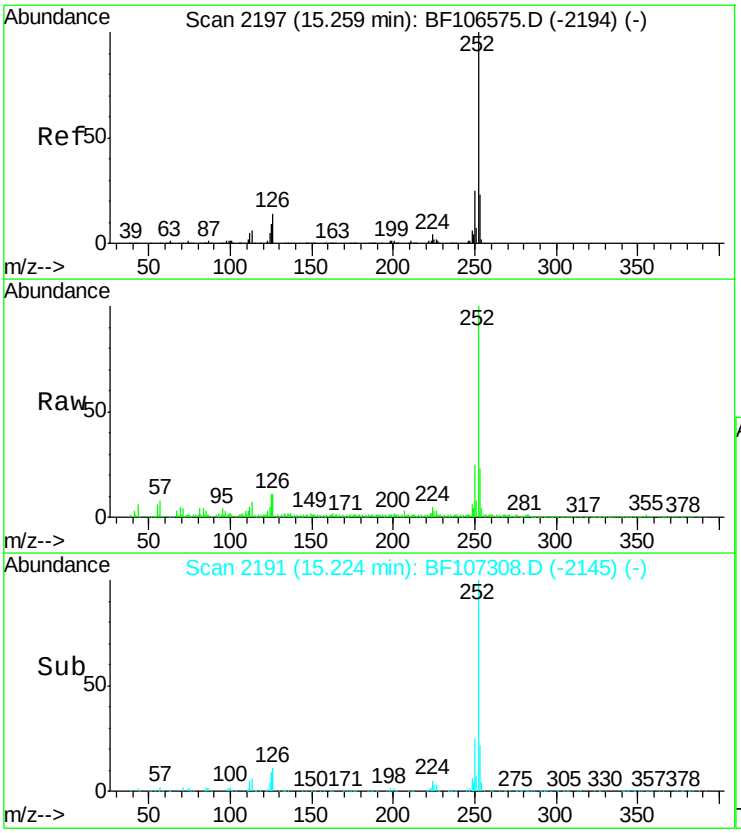
#87
Benzo(b)fluoranthene
Concen: 41.395 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Instrument :
BNA_F
ClientSampleId :
SMH

Tgt Ion:252 Resp: 305245

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	10.6	9.0	13.6

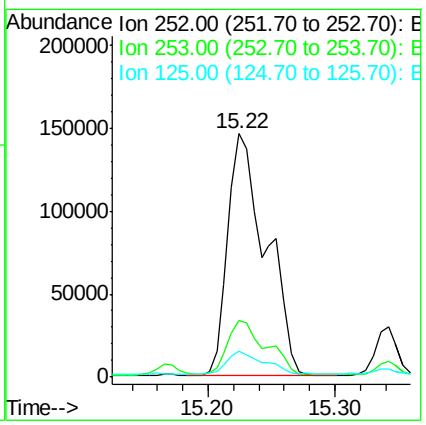


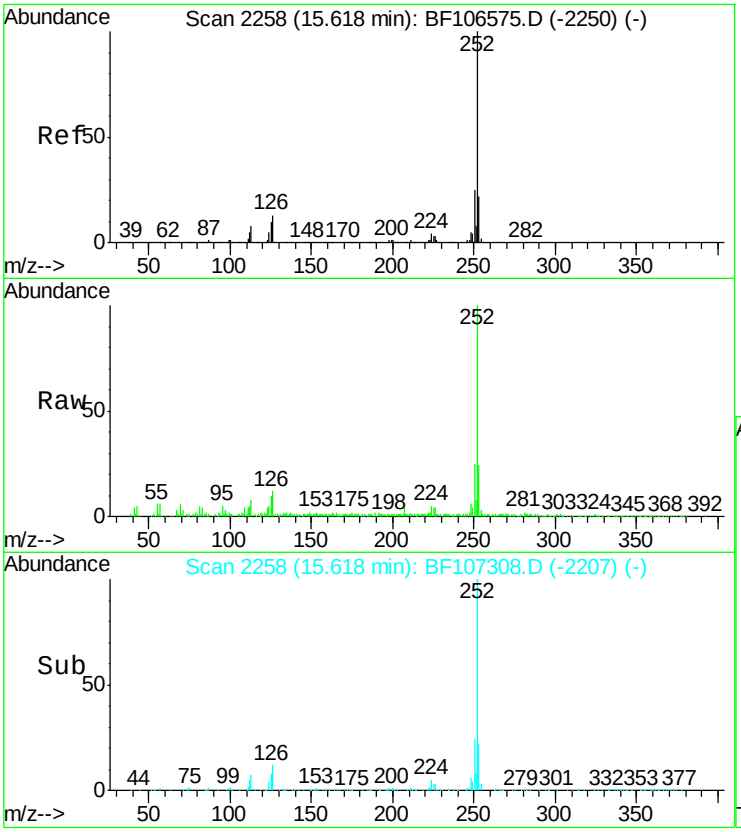


#88
Benzo(k)fluoranthene
Concen: 43.469 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.03 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Tgt Ion:252 Resp: 305245

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	10.6	10.2	15.2



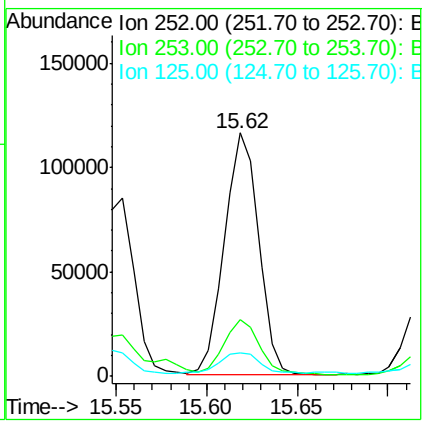


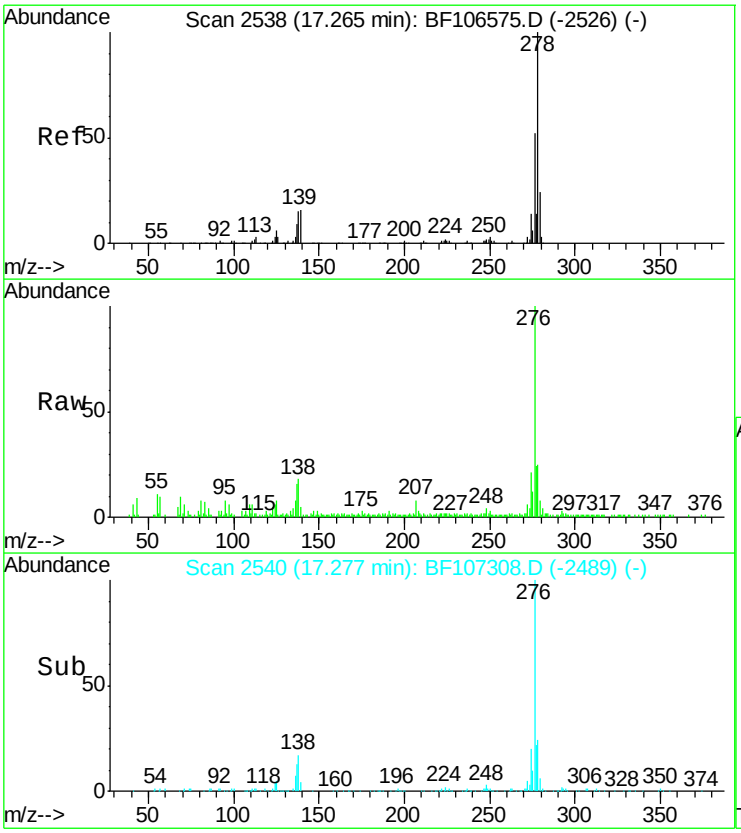
#89
Benzo(a)pyrene
Concen: 23.248 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Instrument :
BNA_F
ClientSampleId :
SMH

Tgt Ion:252 Resp: 152397

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	9.8	9.8	14.6

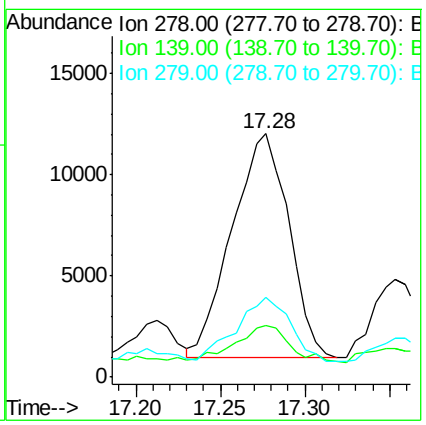


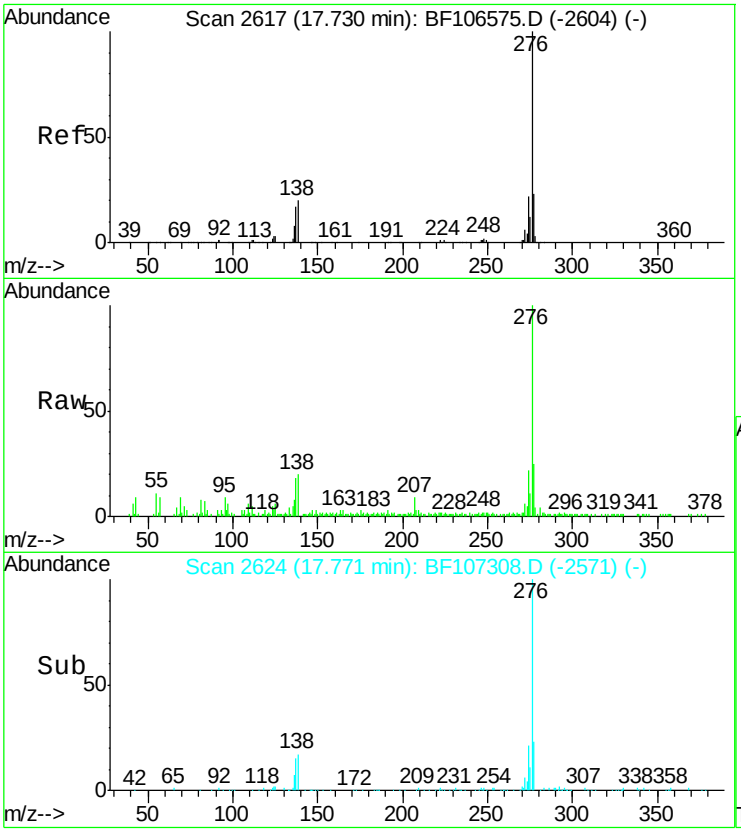


#90
Dibenzo(a,h)anthracene
Concen: 4.678 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Tgt Ion:278 Resp: 25988

Ion	Ratio	Lower	Upper
278	100		
139	21.1	15.9	23.9
279	32.6	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 17.555 ng
RT: 17.77 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BF107308.D
Acq: 11 Jul 2018 18:52

Instrument :
BNA_F
ClientSampleId :
SMH

Tgt Ion:276 Resp: 95323

Ion	Ratio	Lower	Upper
276	100		
277	25.2	17.9	26.9
138	19.7	21.8	32.8#