Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103388.D
Acq On : 3 Mar 2018 1:26
Operator : SJ/JU
Sample : J1724-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-16

Quant Time: Mar 03 02:49:17 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 02 13:28:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	162159	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	674087	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	270505	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	381898	20.00	ng		0.00
75) Chrysene-d12	14.07	240	222148	20.00	ng		0.00
86) Perylene-d12	15.59	264	174988	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1085028	101.20	ng		0.00
7) Phenol-d6	6.52	99	1331901	101.52	ng		0.00
23) Nitrobenzene-d5	7.45	82	856249	72.54	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	173184	75.64	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1100485	66.49	ng		0.00
78) Terphenyl-d14	13.00	244	684170	74.03	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	1096	Below Cal		#	86
19) n-Nitroso-di-n-propylamine	7.45	70	118583	14.523	ng	#	84
25) Isophorone	7.45	82	856241	36.832	ng	#	64
32) Benzoic acid	7.98	122	110	6.927	ng	#	20
48) Acenaphthylene	9.78	152	72580	2.631	ng		99
49) Dimethylphthalate	9.63	163	97767	4.505	ng		99
57) Fluorene	10.47	166	44794	2.381	ng	#	97
64) 4,6-Dinitro-2-methylphenol	10.72	198	558	5.161	ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	11929	2.999	ng	#	1
70) Phenanthrene	11.44	178	701017	33.355	ng		99
71) Anthracene	11.49	178	231255	10.730	ng		100
74) Fluoranthene	12.64	202	1152524	54.571	ng		98
77) Pyrene	12.87	202	1133069	65.420	ng		99
80) Benzo(a)anthracene	14.06	228	637656	44.239	ng		98
82) Chrysene	14.10	228	519191	37.097	ng		98
85) Indeno(1,2,3-cd)pyrene	17.13	276	160108	14.450	ng		96
87) Benzo(b)fluoranthene	15.14	252	630644	54.813	ng	#	94
88) Benzo(k)fluoranthene	15.14	252	630644	58.209	ng		97
89) Benzo(a)pyrene	15.52	252	323739	31.510	ng	#	95
90) Dibenzo(a,h)anthracene	17.13	278	46002	5.794	ng	#	77
91) Benzo(g,h,i)perylene	17.60	276	145722	18.781	ng		94

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

Quantitation Report (Not Reviewed)

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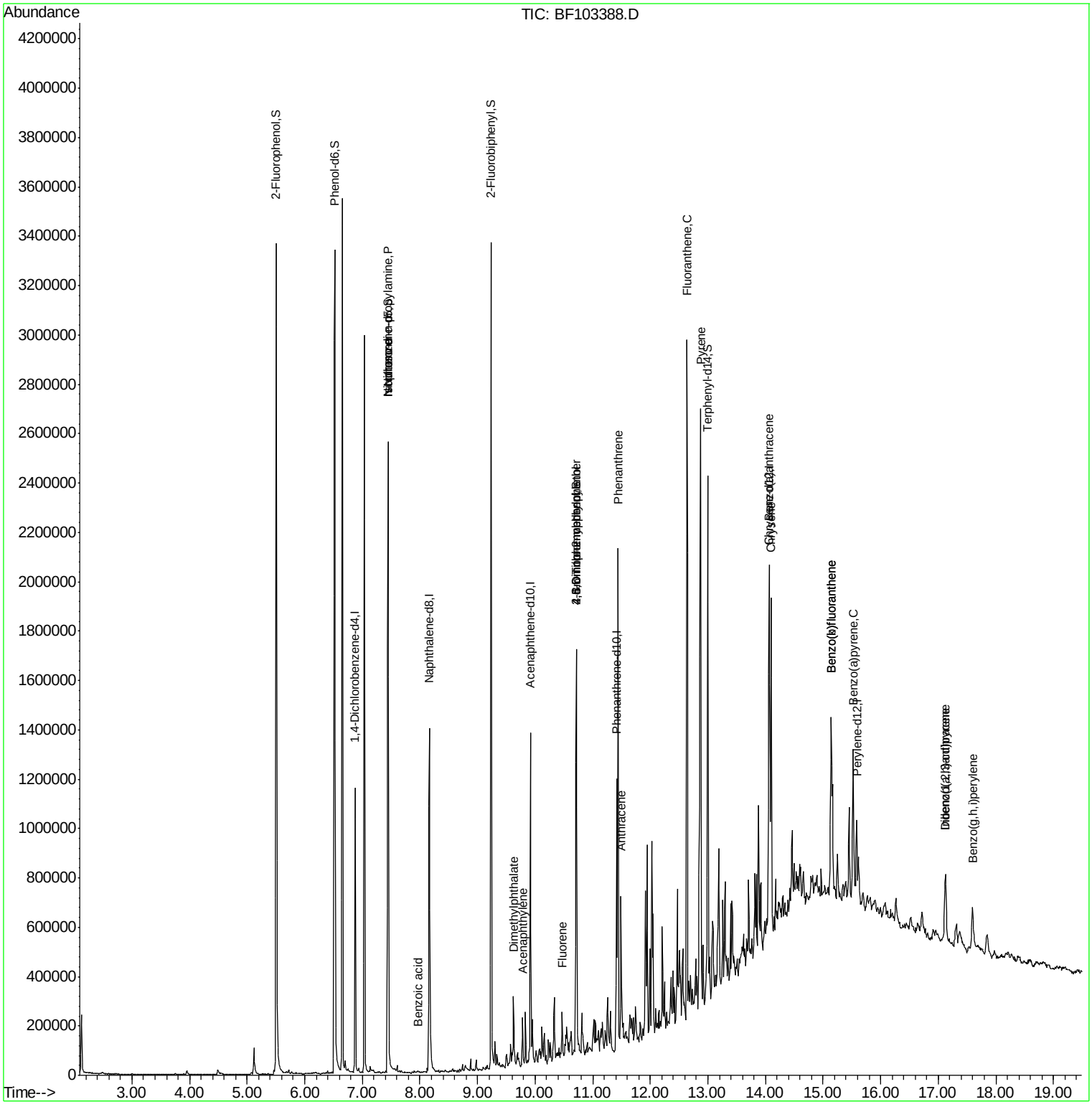
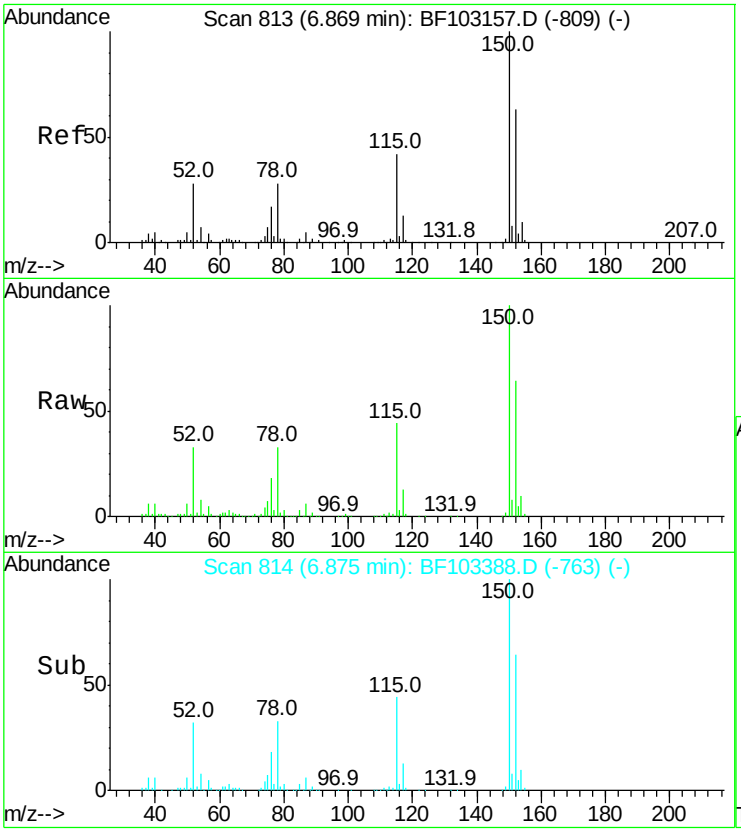


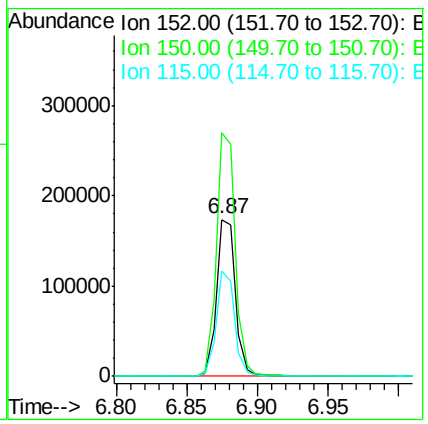


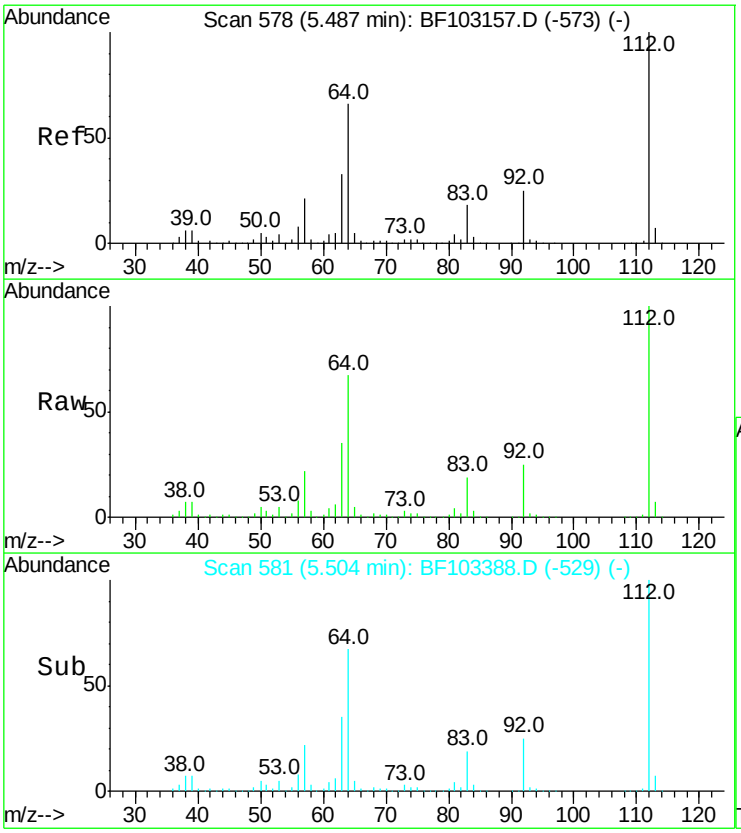
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SP-16

Tgt Ion:152 Resp: 162159

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	67.6	50.1	75.1

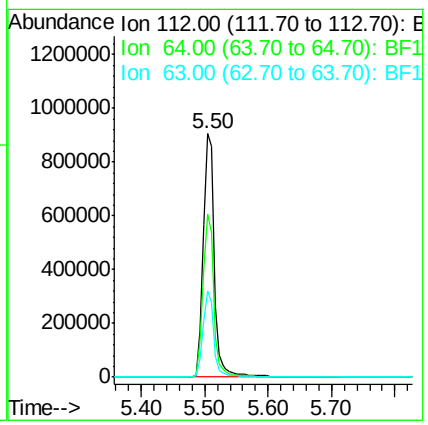


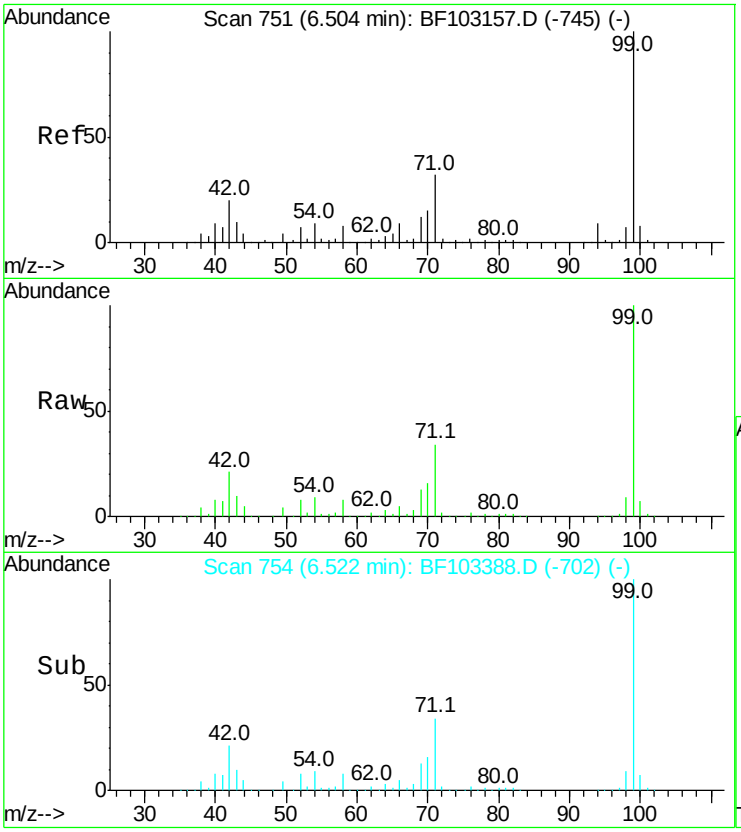


#5
2-Fluorophenol
Concen: 101.199 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Tgt Ion:112 Resp: 1085028

Ion	Ratio	Lower	Upper
112	100		
64	67.2	47.9	71.9
63	35.2	23.7	35.5



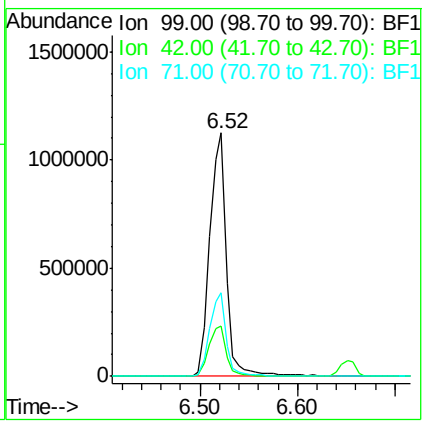


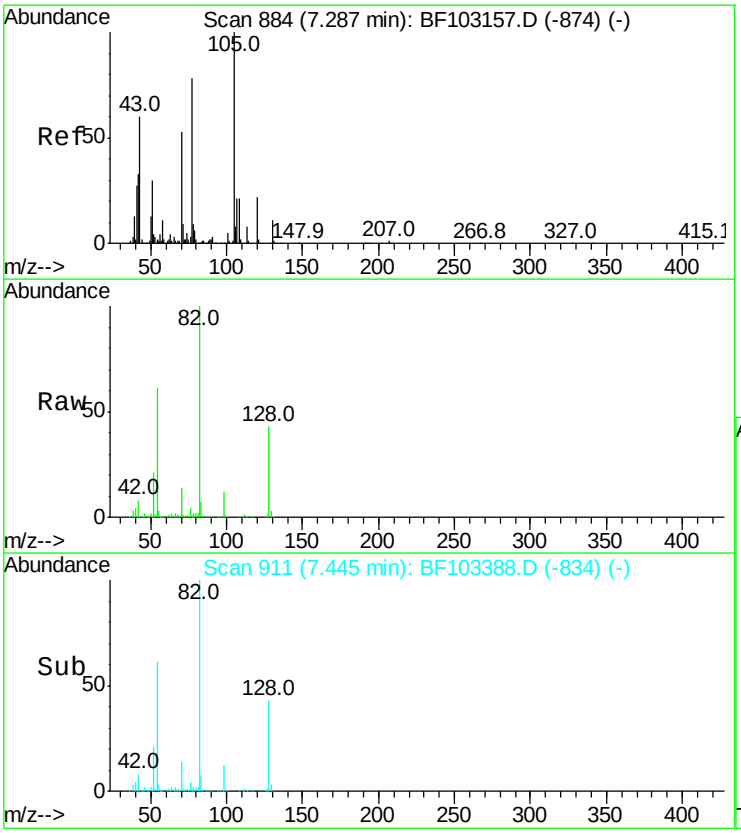
#7
Phenol-d6
Concen: 101.519 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SP-16

Tgt Ion: 99 Resp: 1331901

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	34.2	25.4	38.0

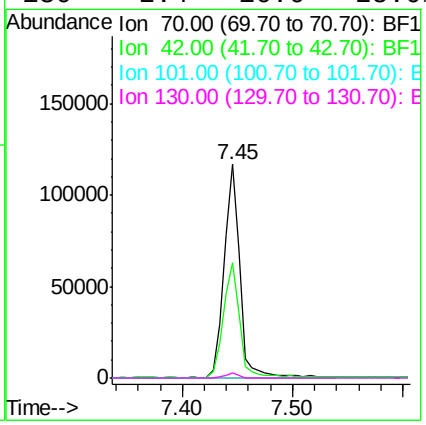


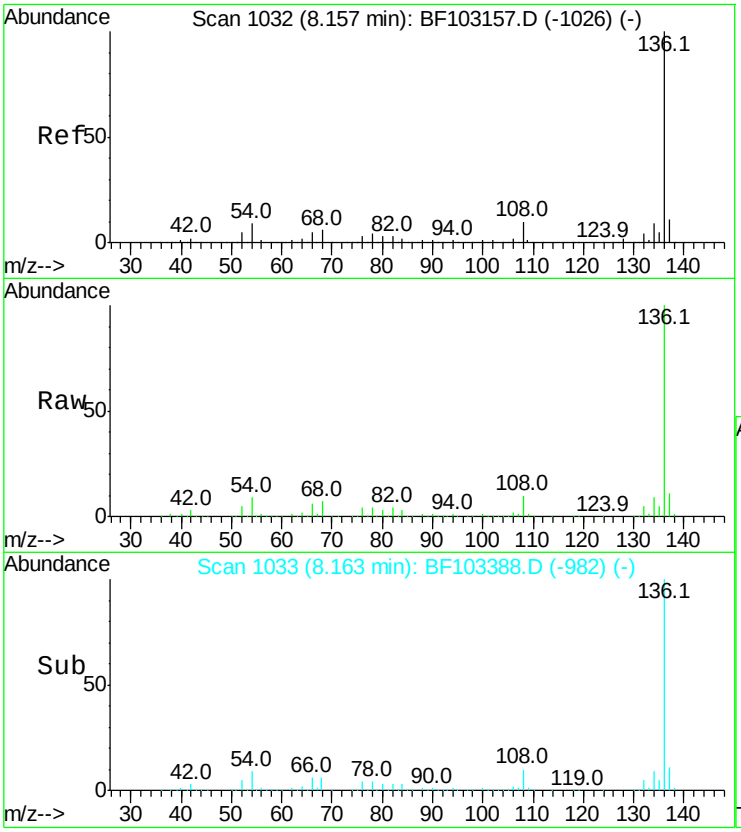


#19
n-Nitroso-di-n-propylamine
Concen: 14.523 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.15 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Tgt Ion: 70 Resp: 118583

Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



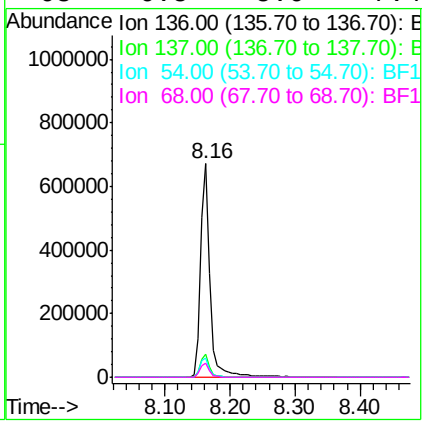


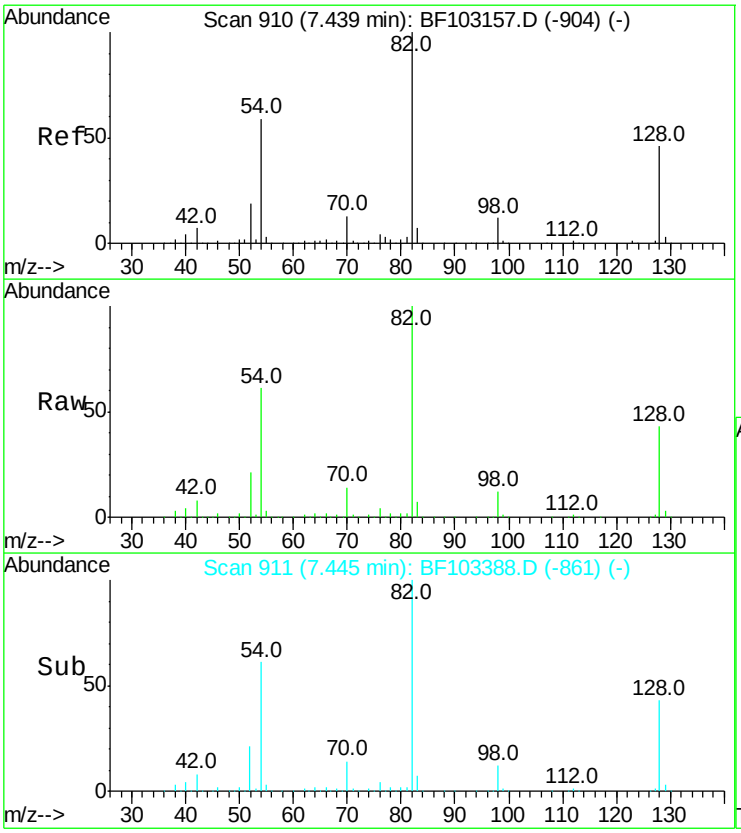
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SP-16

Tgt Ion:136 Resp: 674087

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.1	6.6	9.8
68	6.5	5.0	7.4

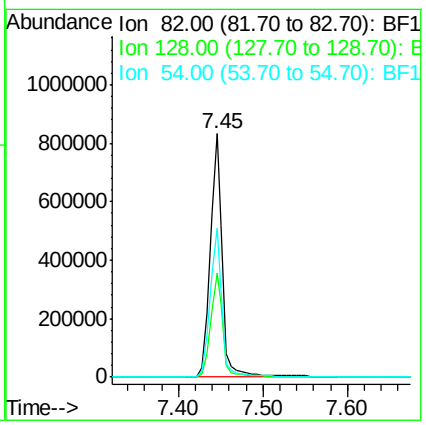


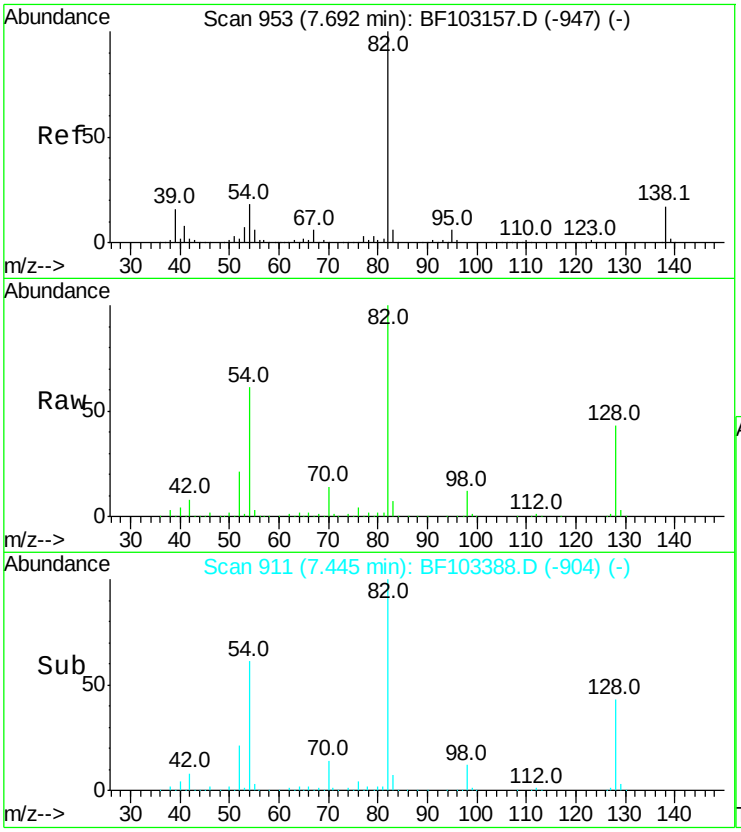


#23
Nitrobenzene-d5
Concen: 72.541 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Tgt Ion: 82 Resp: 856249

Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	61.3	41.4	62.2



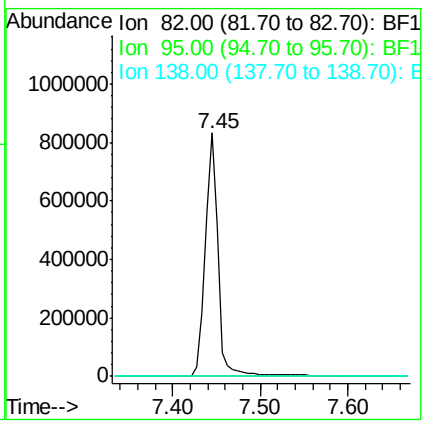


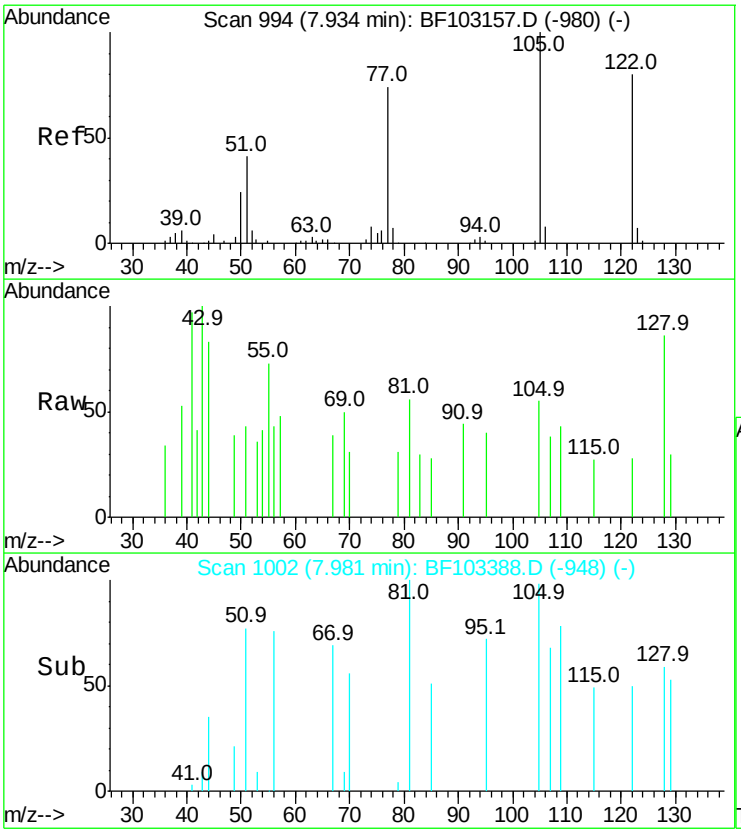
#25
Isophorone
Concen: 36.832 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SP-16

Tgt Ion: 82 Resp: 856241

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

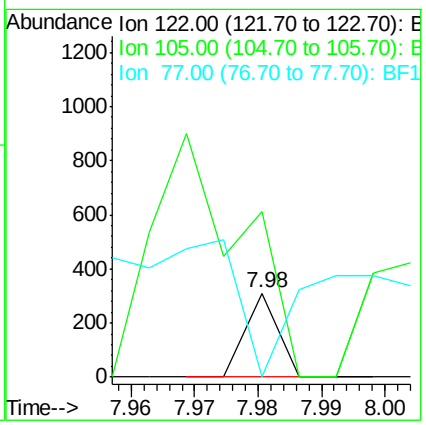


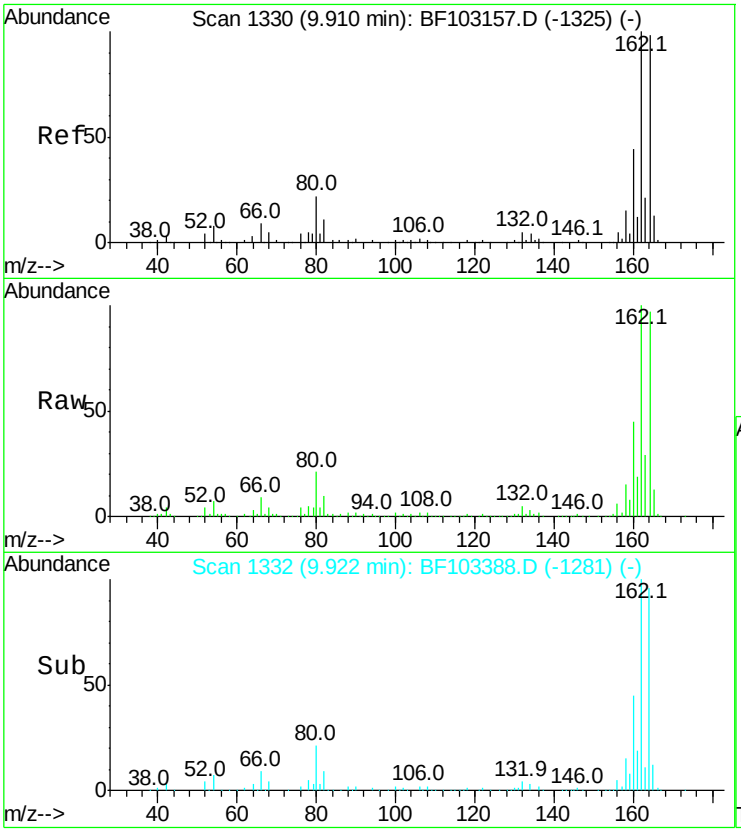


#32
Benzoic acid
Concen: 6.927 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.02 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Tgt Ion:122 Resp: 110

Ion	Ratio	Lower	Upper
122	100		
105	196.5	101.1	141.1#
77	0.0	70.7	110.7#



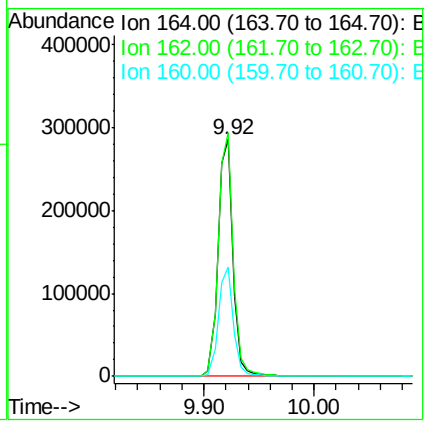


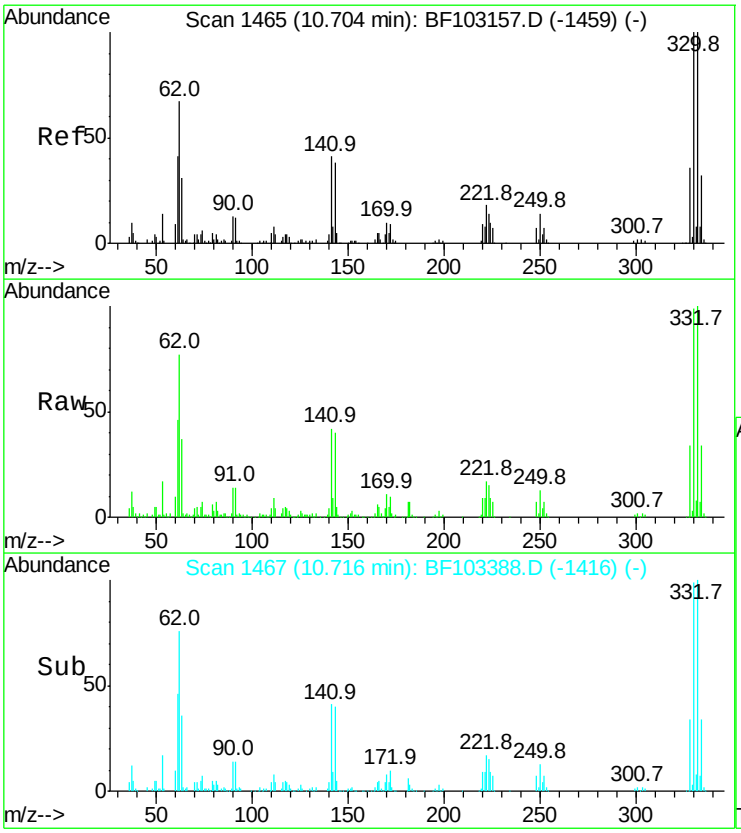
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SP-16

Tgt Ion:164 Resp: 270505

Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	46.2	38.3	57.5

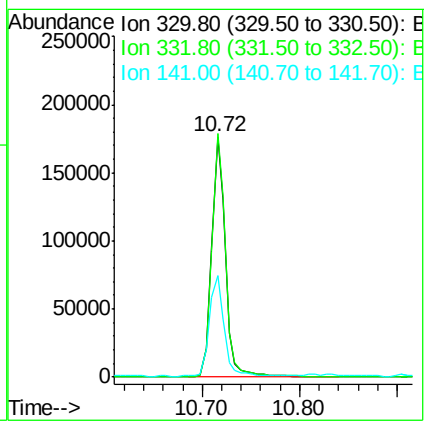


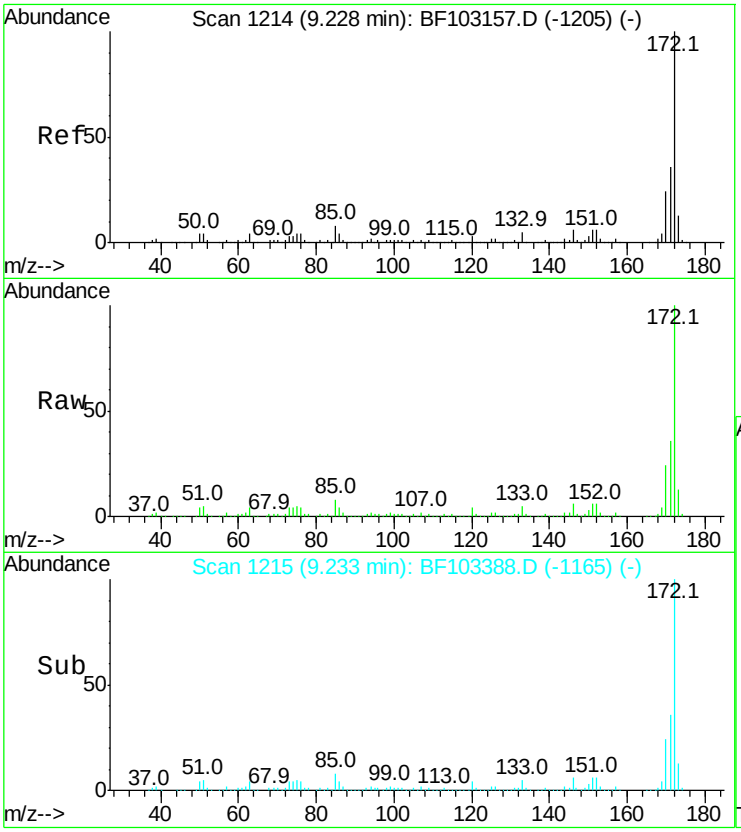


#41
2,4,6-Tribromophenol
Concen: 75.637 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Tgt Ion:330 Resp: 173184

Ion	Ratio	Lower	Upper
330	100		
332	101.1	77.0	115.6
141	44.9	29.9	44.9#



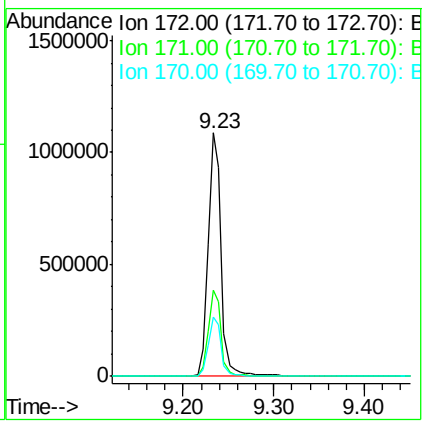


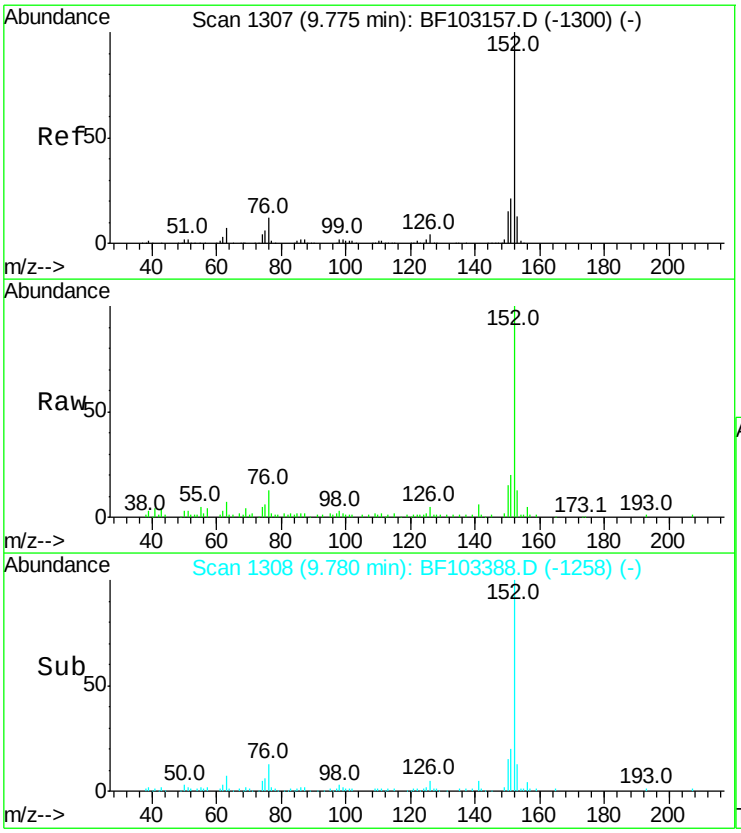
#44
2-Fluorobiphenyl
Concen: 66.487 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SP-16

Tgt Ion:172 Resp: 1100485

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.5	19.6	29.4

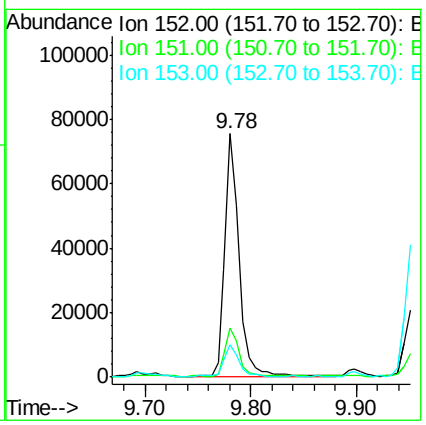


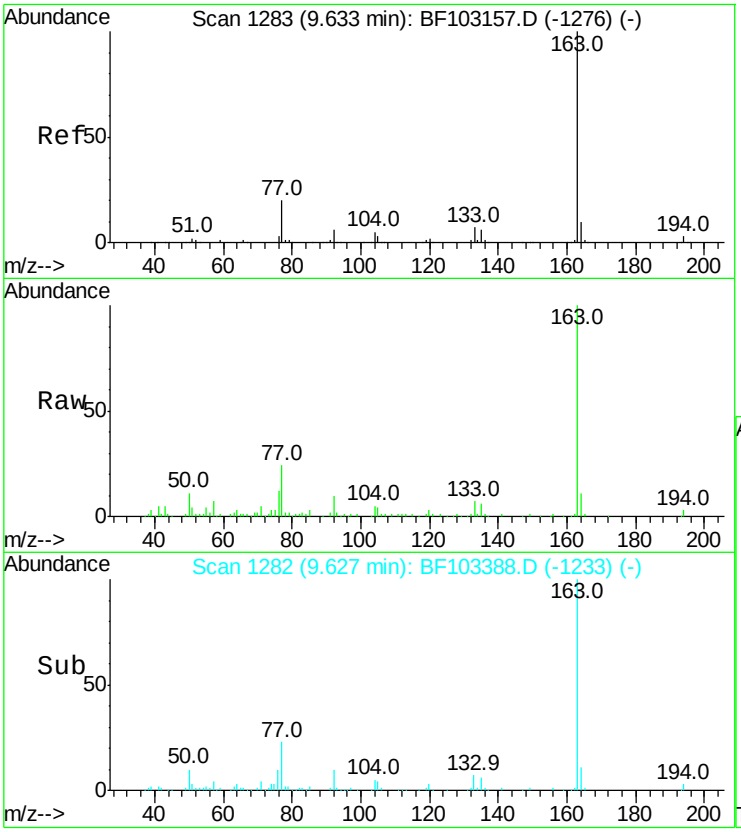


#48
Acenaphthylene
Concen: 2.631 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Tgt Ion:152 Resp: 72580

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.1	10.7	16.1



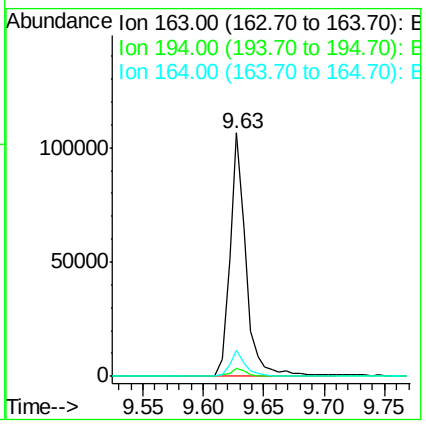


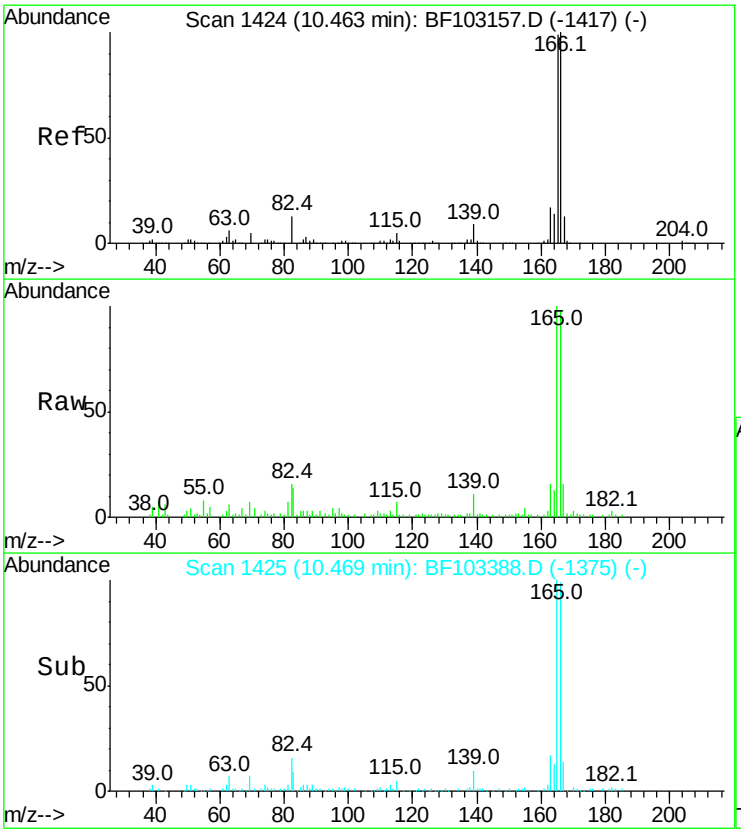
#49
Dimethylphthalate
Concen: 4.505 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SP-16

Tgt Ion:163 Resp: 97767

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.8	8.2	12.2

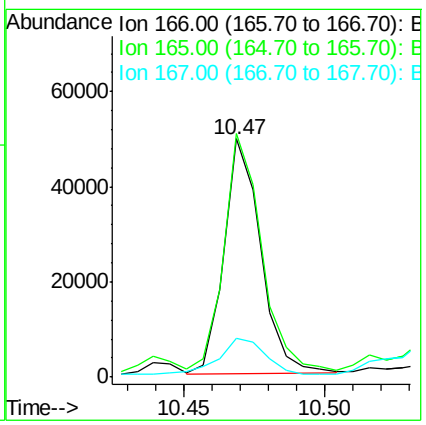


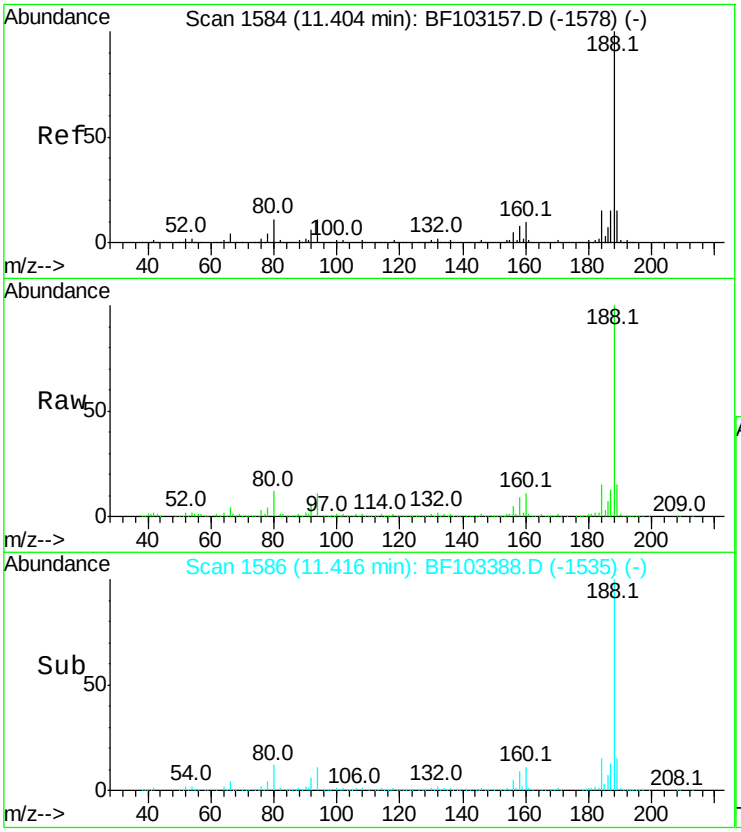


#57
Fluorene
Concen: 2.381 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Tgt Ion:166 Resp: 44794

Ion	Ratio	Lower	Upper
166	100		
165	102.2	79.8	119.8
167	16.1	10.6	16.0#



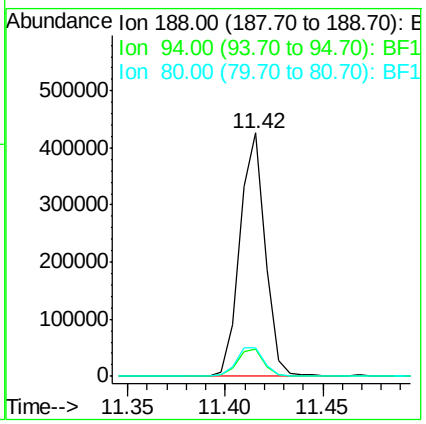


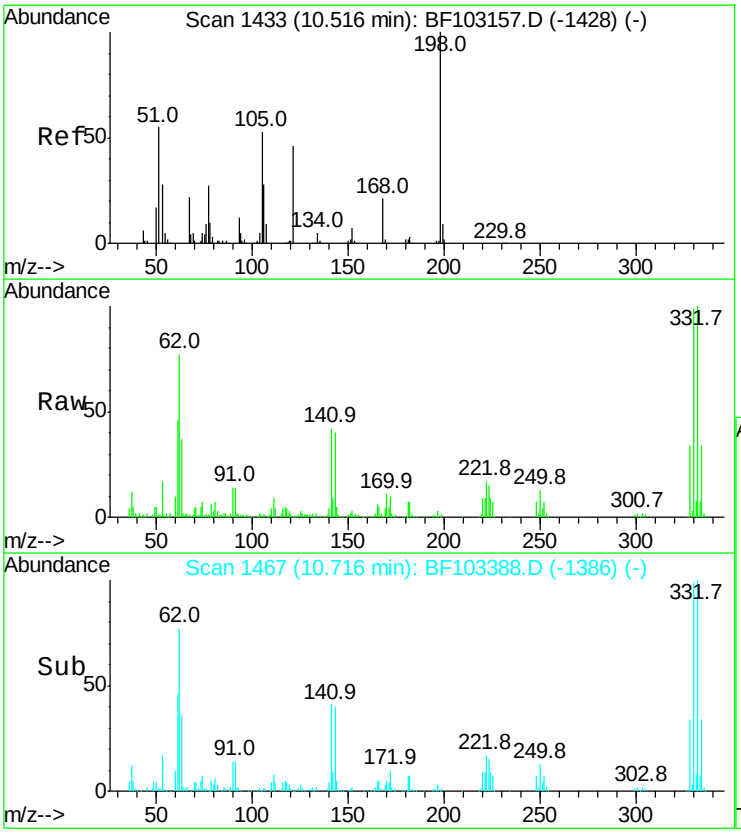
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SP-16

Tgt Ion:188 Resp: 381898

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.0	9.2	13.8

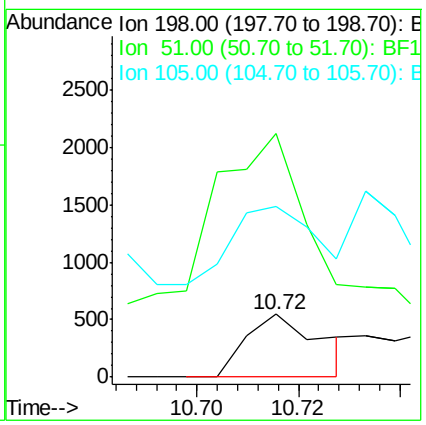


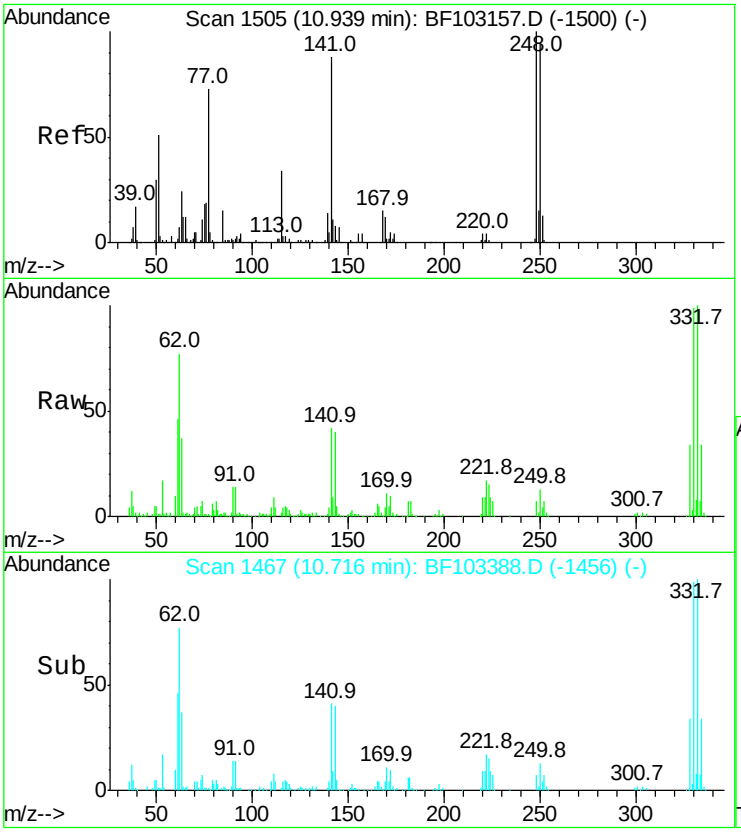


#64
4,6-Dinitro-2-methylphenol
Concen: 5.161 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.18 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Tgt Ion:198 Resp: 558

Ion	Ratio	Lower	Upper
198	100		
51	387.9	37.7	77.7#
105	272.4	36.3	76.3#



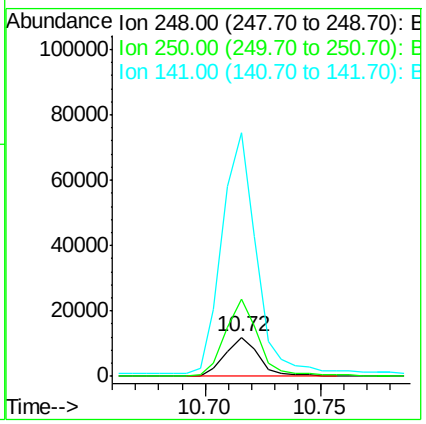


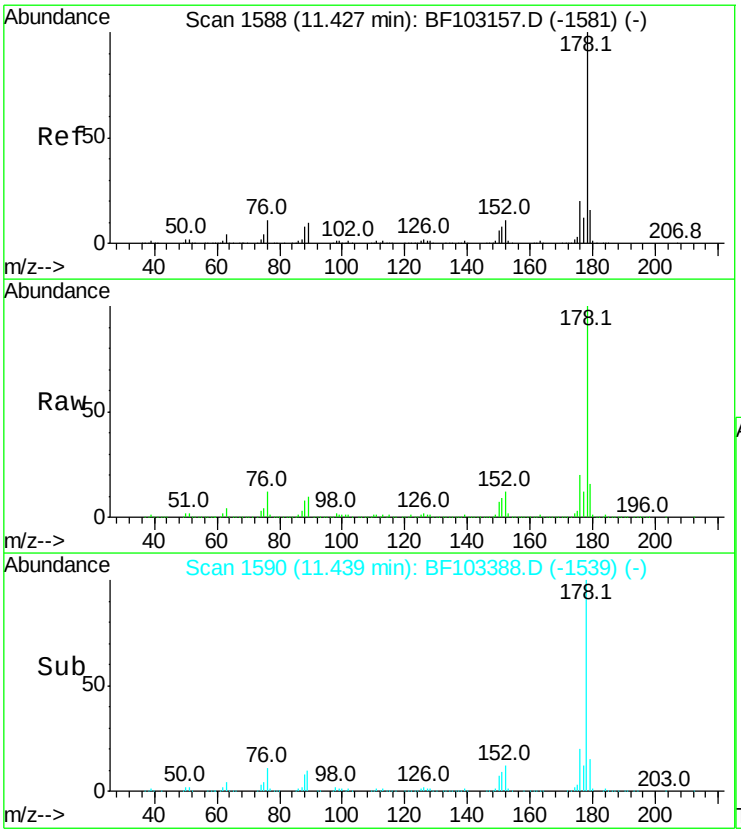
#66
4-Bromophenyl-phenylether
Concen: 2.999 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.24 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SP-16

Tgt Ion:248 Resp: 11929

Ion	Ratio	Lower	Upper
248	100		
250	197.8	76.9	115.3#
141	625.0	74.4	111.6#

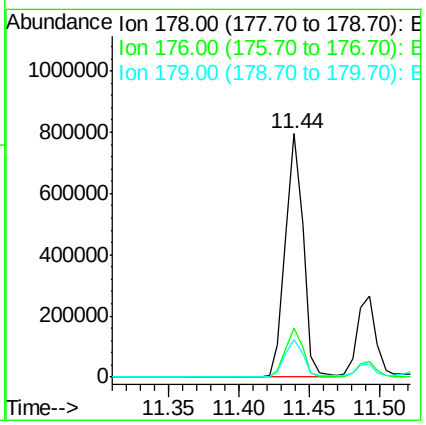


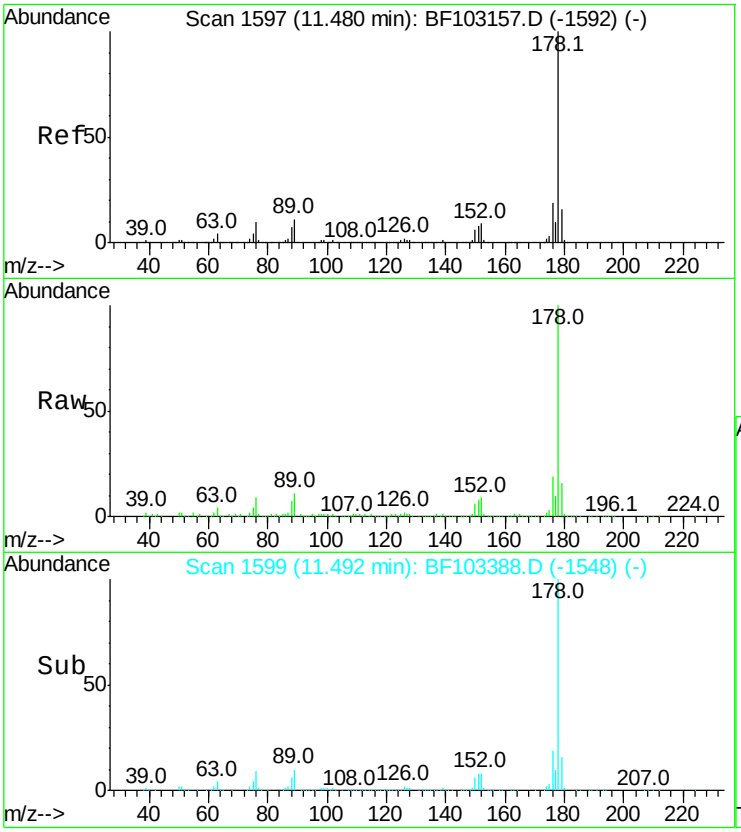


#70
Phenanthrene
Concen: 33.355 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Tgt Ion:178 Resp: 701017

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.5	13.0	19.6



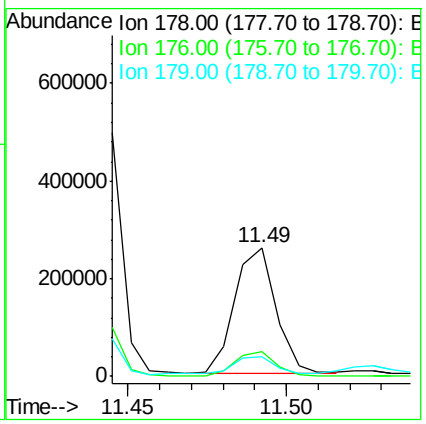


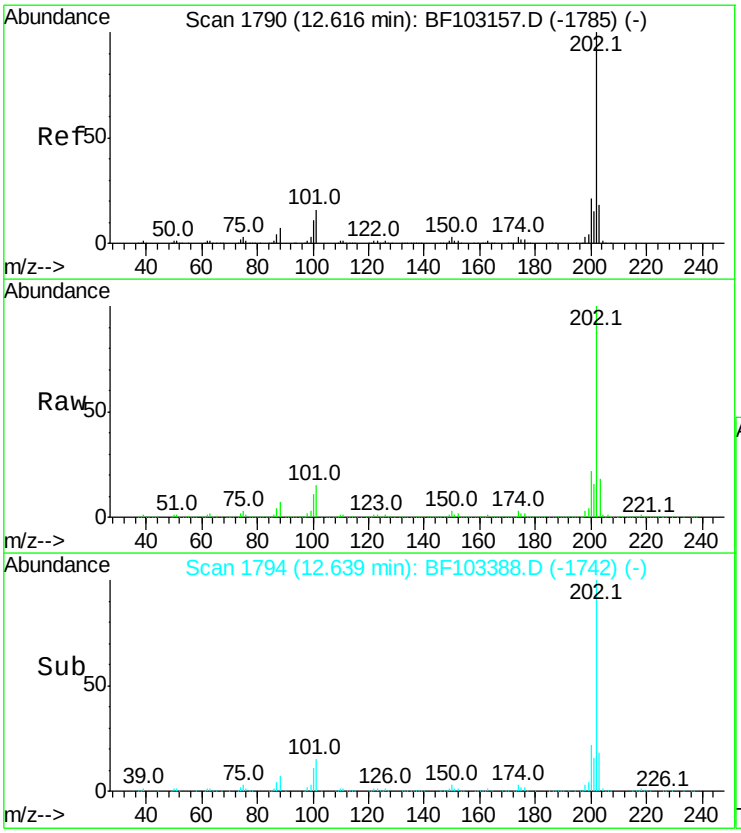
#71
Anthracene
Concen: 10.730 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SP-16

Tgt Ion:178 Resp: 231255

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.7	12.6	19.0

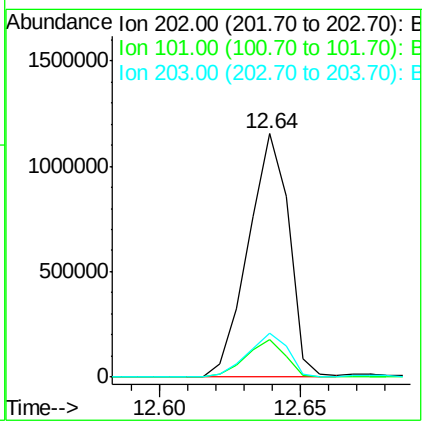


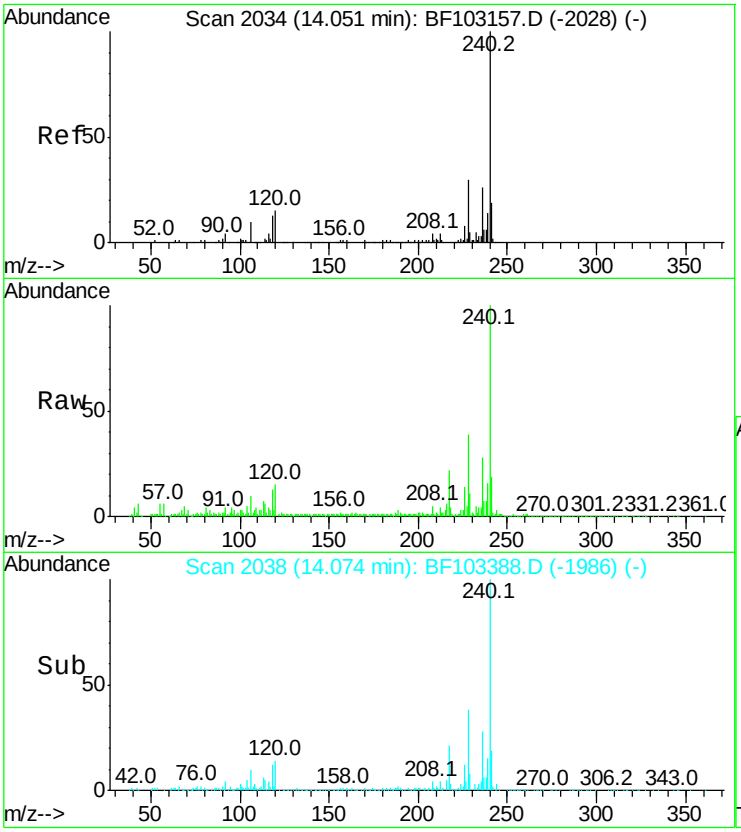


#74
Fluoranthene
Concen: 54.571 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Tgt Ion:202 Resp: 1152524

Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	34.1
203	17.9	0.0	38.1



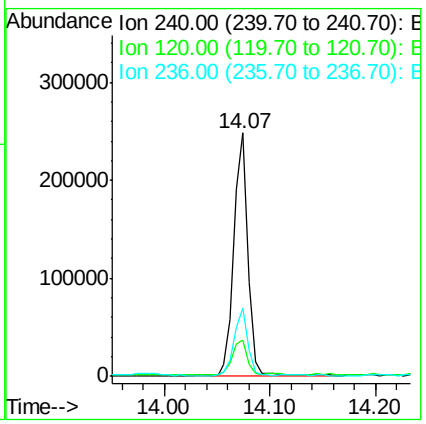


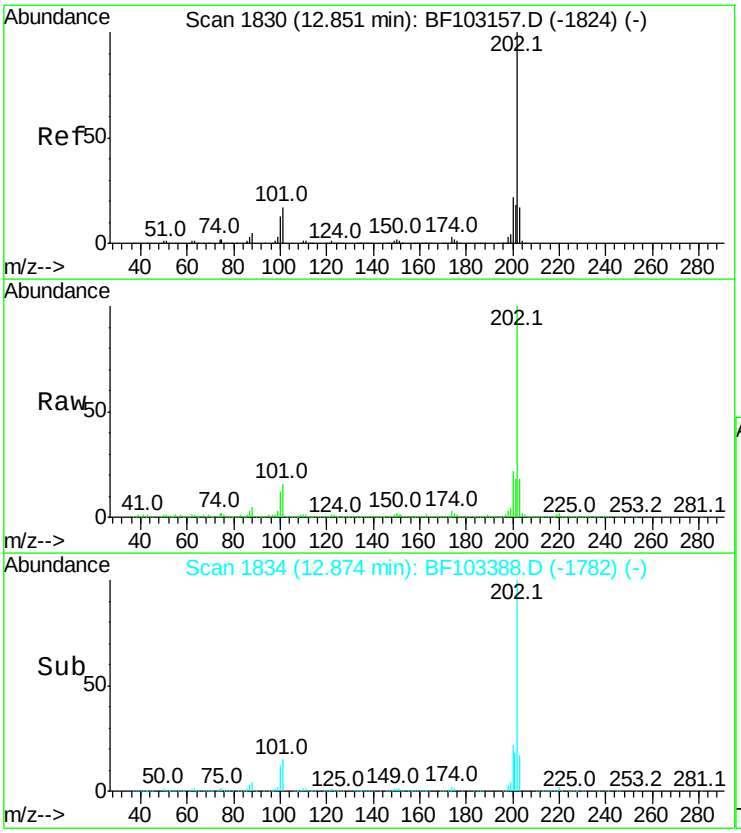
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.01 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SP-16

Tgt Ion:240 Resp: 222148

Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	28.0	20.7	31.1

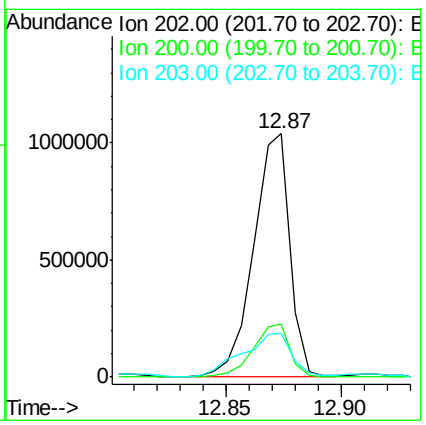


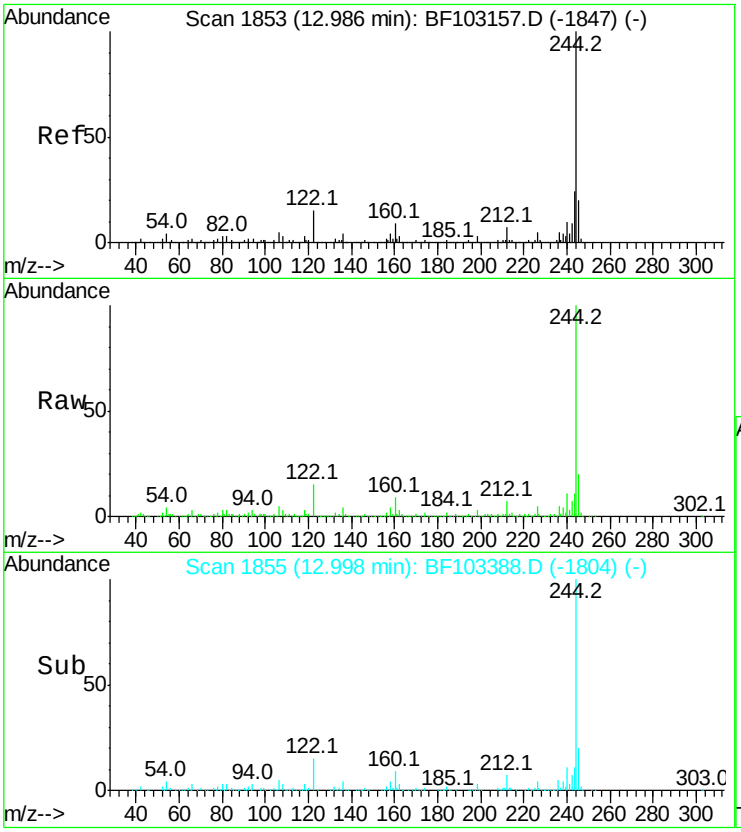


#77
Pyrene
Concen: 65.420 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.01 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Tgt Ion:202 Resp: 1133069

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.2	14.3	21.5



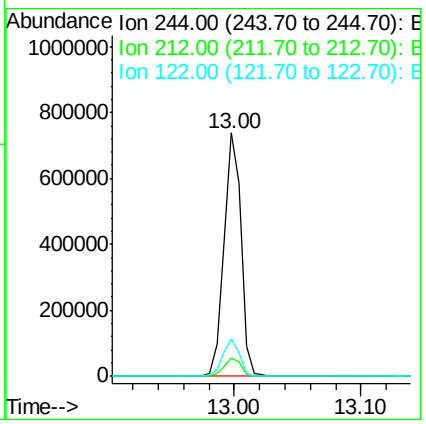


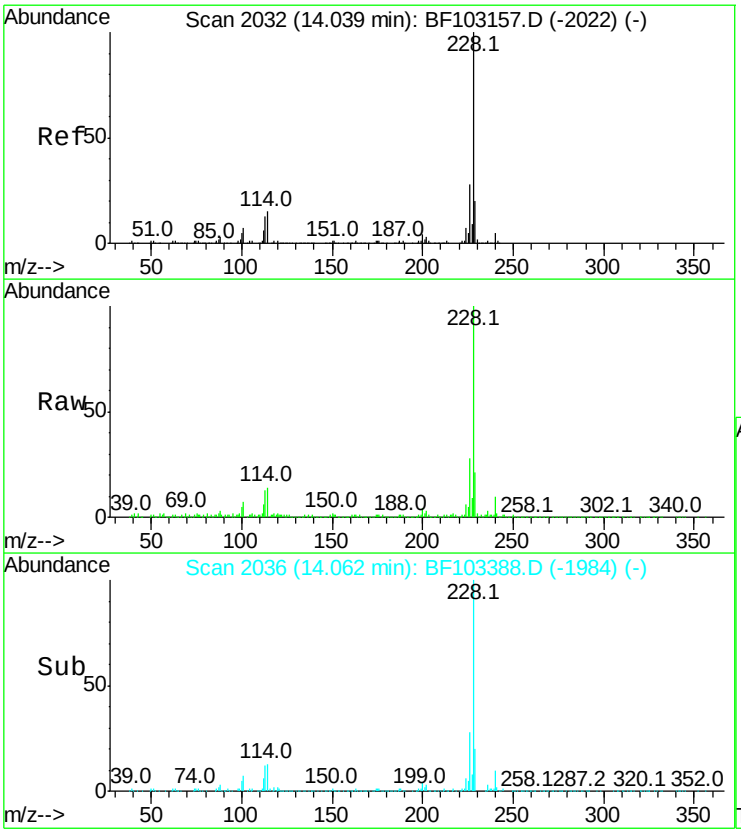
#78
Terphenyl-d14
Concen: 74.034 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SP-16

Tgt Ion:244 Resp: 684170

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	15.4	11.0	16.4

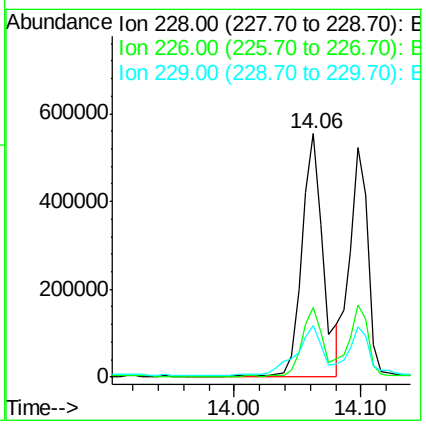


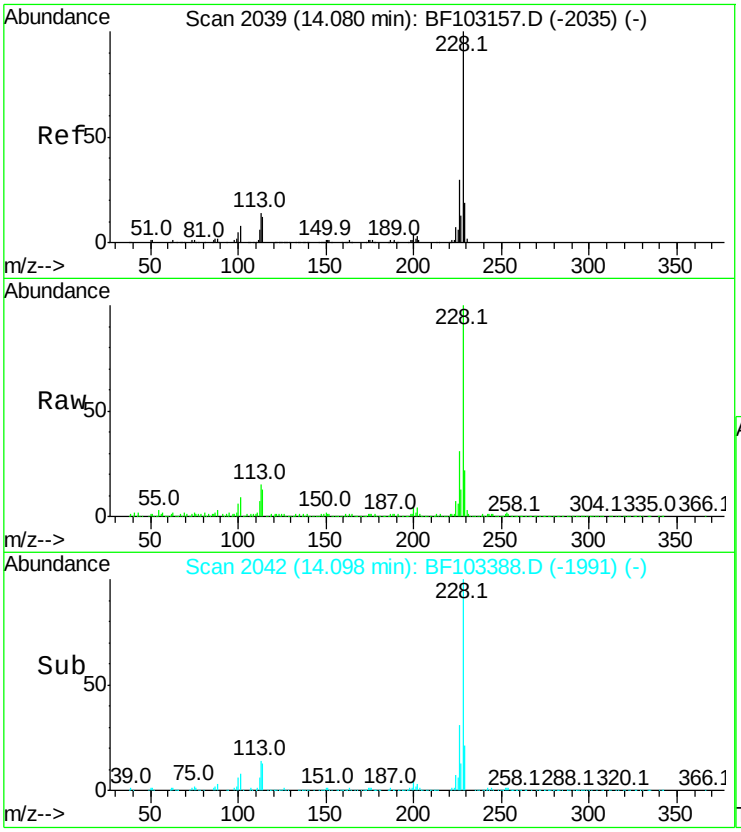


#80
Benzo(a)anthracene
Concen: 44.239 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Tgt Ion:228 Resp: 637656

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	21.1	15.8	23.6



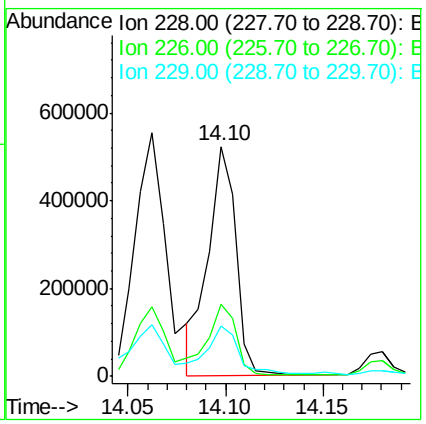


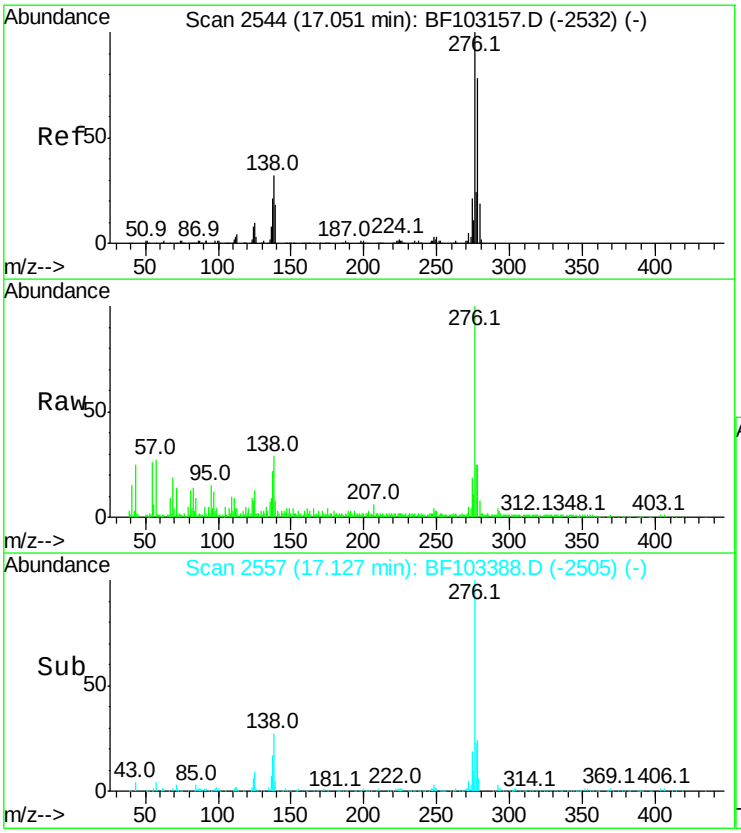
#82
Chrysene
Concen: 37.097 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SP-16

Tgt Ion:228 Resp: 519191

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	21.9	16.2	24.4

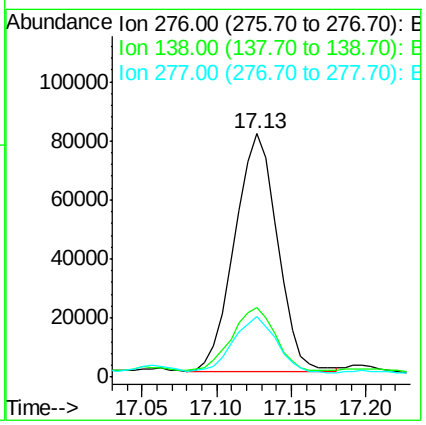


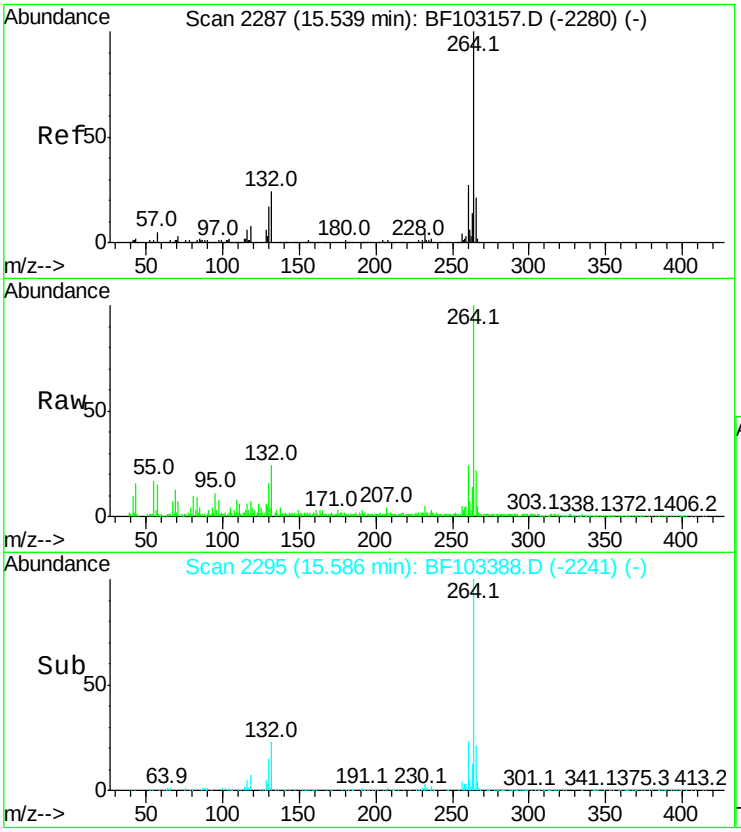


#85
Indeno(1,2,3-cd)pyrene
Concen: 14.450 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Tgt Ion:276 Resp: 160108

Ion	Ratio	Lower	Upper
276	100		
138	28.4	25.0	37.6
277	24.3	20.1	30.1



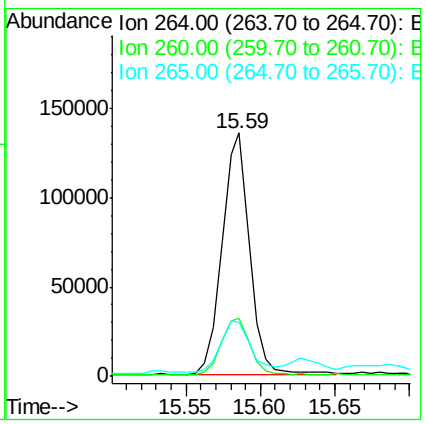


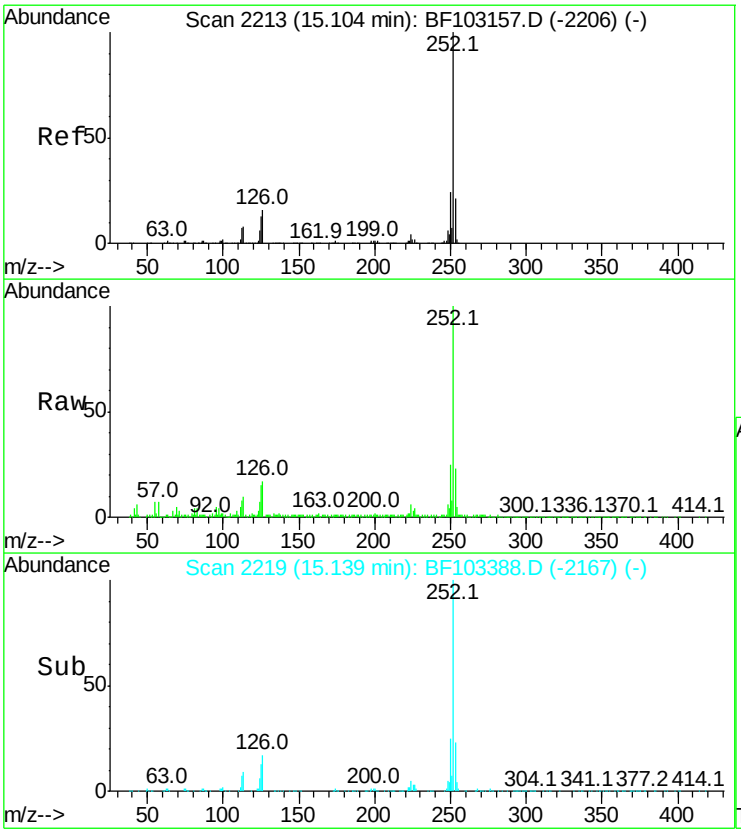
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.59 min Scan# 2295
Delta R.T. 0.02 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SP-16

Tgt Ion:264 Resp: 174988

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.2	17.5	26.3

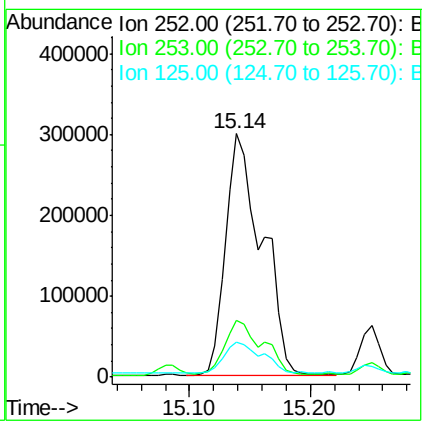


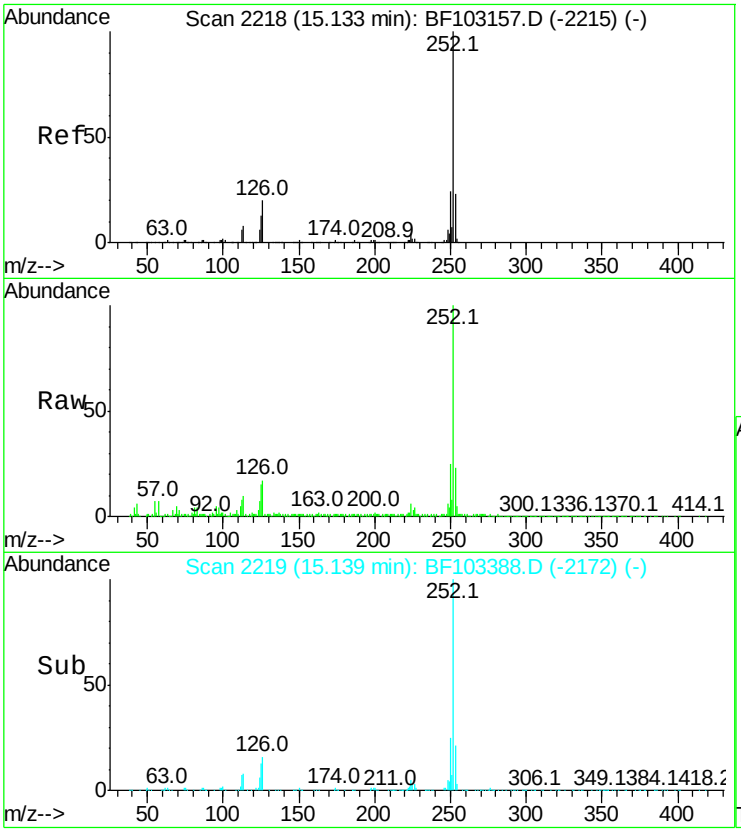


#87
Benzo(b)fluoranthene
Concen: 54.813 ng
RT: 15.14 min Scan# 2219
Delta R.T. 0.01 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Tgt Ion:252 Resp: 630644

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	14.6	9.0	13.6#



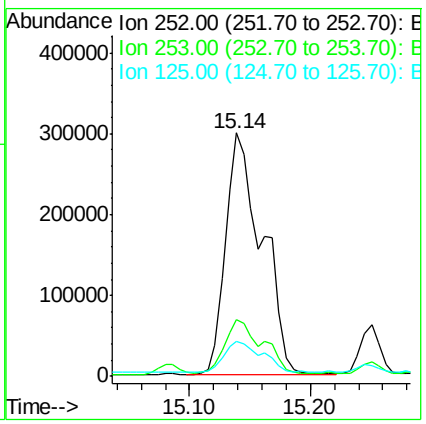


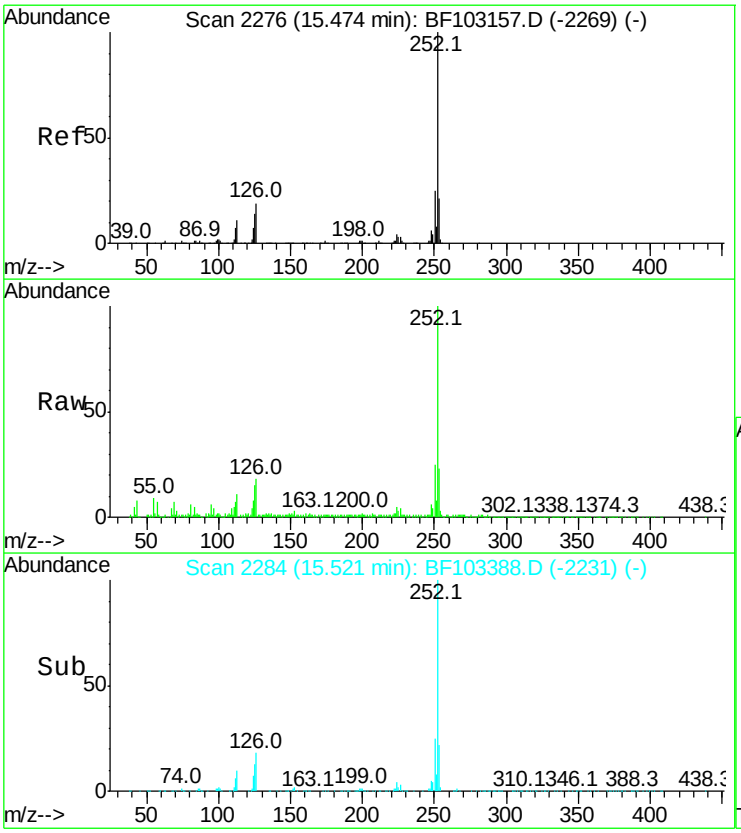
#88
Benzo(k)fluoranthene
Concen: 58.209 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SP-16

Tgt Ion:252 Resp: 630644

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	14.6	10.2	15.2

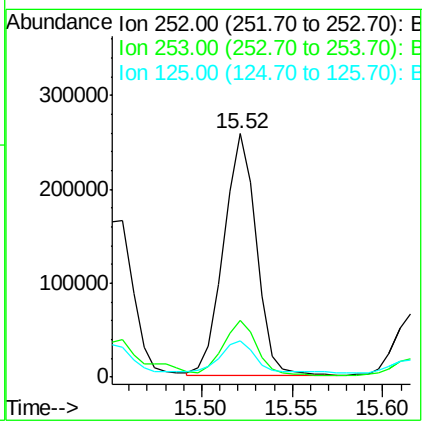


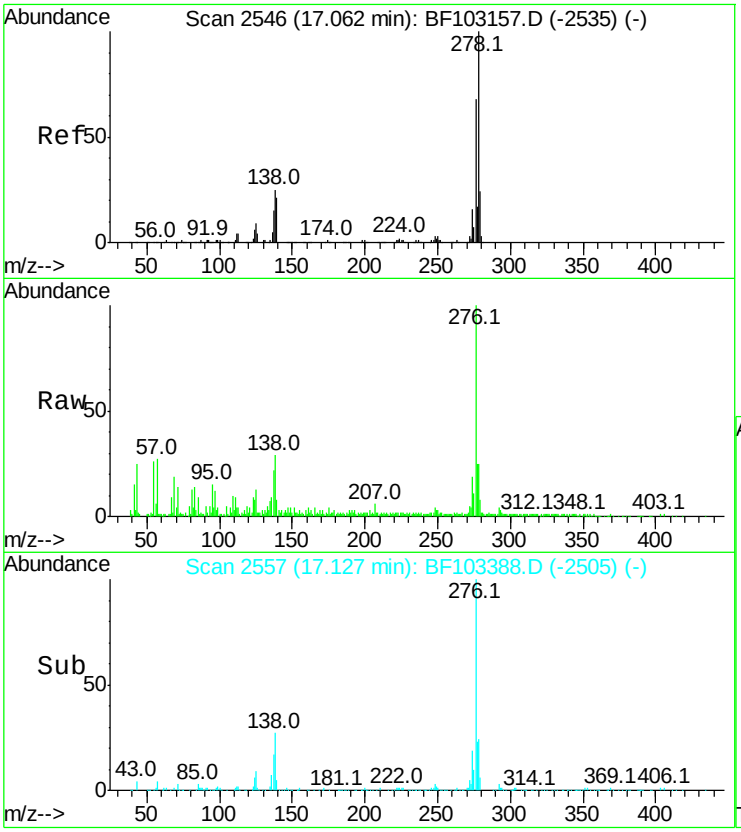


#89
Benzo(a)pyrene
Concen: 31.510 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Tgt Ion:252 Resp: 323739

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	15.0	9.8	14.6#



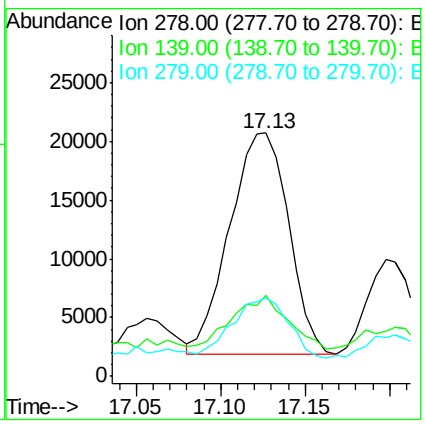


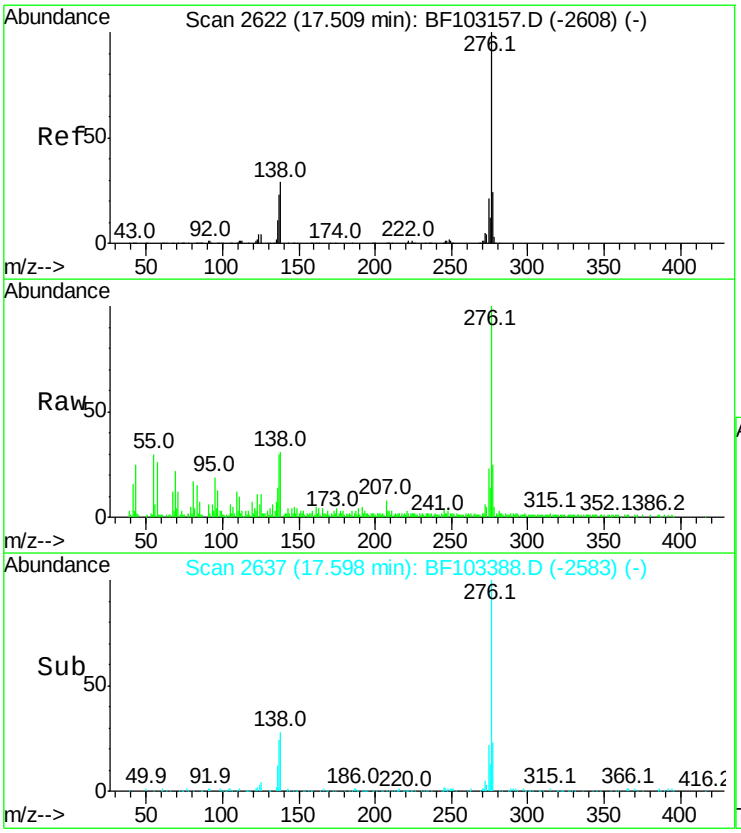
#90
Dibenzo(a,h)anthracene
Concen: 5.794 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Instrument :
BNA_F
ClientSampleId :
SP-16

Tgt Ion:278 Resp: 46002

Ion	Ratio	Lower	Upper
278	100		
139	33.5	15.9	23.9#
279	32.4	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 18.781 ng
RT: 17.60 min Scan# 2637
Delta R.T. 0.02 min
Lab File: BF103388.D
Acq: 3 Mar 2018 1:26

Tgt Ion:276 Resp: 145722

Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	31.2	21.8	32.8