Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103213.D
Acq On : 26 Feb 2018 12:47
Operator : SJ/JU
Sample : J1649-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 26 13:51:03 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	169017	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	710667	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	308358	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	471470	20.00	ng	0.00
75) Chrysene-d12	14.05	240	286559	20.00	ng	0.00
86) Perylene-d12	15.54	264	309587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1257473	112.52	ng	0.01
7) Phenol-d6	6.50	99	1552446	113.53	ng	0.00
23) Nitrobenzene-d5	7.43	82	1038546	83.46	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	279772	107.19	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1334095	71.80	ng	0.00
78) Terphenyl-d14	12.99	244	983883	82.54	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	2103	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	137310	16.134	ng	# 81
25) Isophorone	7.43	82	1038663	42.379	ng	# 64
32) Benzoic acid	7.96	122	582	6.982	ng	# 40
49) Dimethylphthalate	9.62	163	124969	5.052	ng	99
51) Acenaphthene	9.94	154	38293	2.088	ng	100
54) Dibenzofuran	10.12	168	51571	2.048	ng	99
56) 2,4-Dinitrotoluene	9.91	165	40605	6.185	ng	# 23
57) Fluorene	10.46	166	66099	3.082	ng	97
64) 4,6-Dinitro-2-methylphenol	10.70	198	1143	5.303	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	18322	3.731	ng	# 1
70) Phenanthrene	11.42	178	883367	34.046	ng	99
71) Anthracene	11.47	178	226792	8.524	ng	99
72) Carbazole	11.63	167	109837	4.145	ng	99
74) Fluoranthene	12.62	202	1139020	43.685	ng	100
77) Pyrene	12.85	202	964240	43.158	ng	100
80) Benzo(a)anthracene	14.04	228	469683	25.261	ng	99
82) Chrysene	14.07	228	444322	24.612	ng	98
85) Indeno(1,2,3-cd)pyrene	17.06	276	230397	16.120	ng	97
87) Benzo(b)fluoranthene	15.11	252	755610	37.121	ng	# 94
88) Benzo(k)fluoranthene	15.11	252	755610	39.421	ng	# 97
89) Benzo(a)pyrene	15.48	252	393889	21.669	ng	# 92
90) Dibenzo(a,h)anthracene	17.06	278	56922	4.053	ng	93
91) Benzo(g,h,i)perylene	17.52	276	212241	15.461	ng	94

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

Quantitation Report (Not Reviewed)

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Data File : BF103213.D
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Operator : SJ/JU
Sample : J1649-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 26 13:51:03 2018
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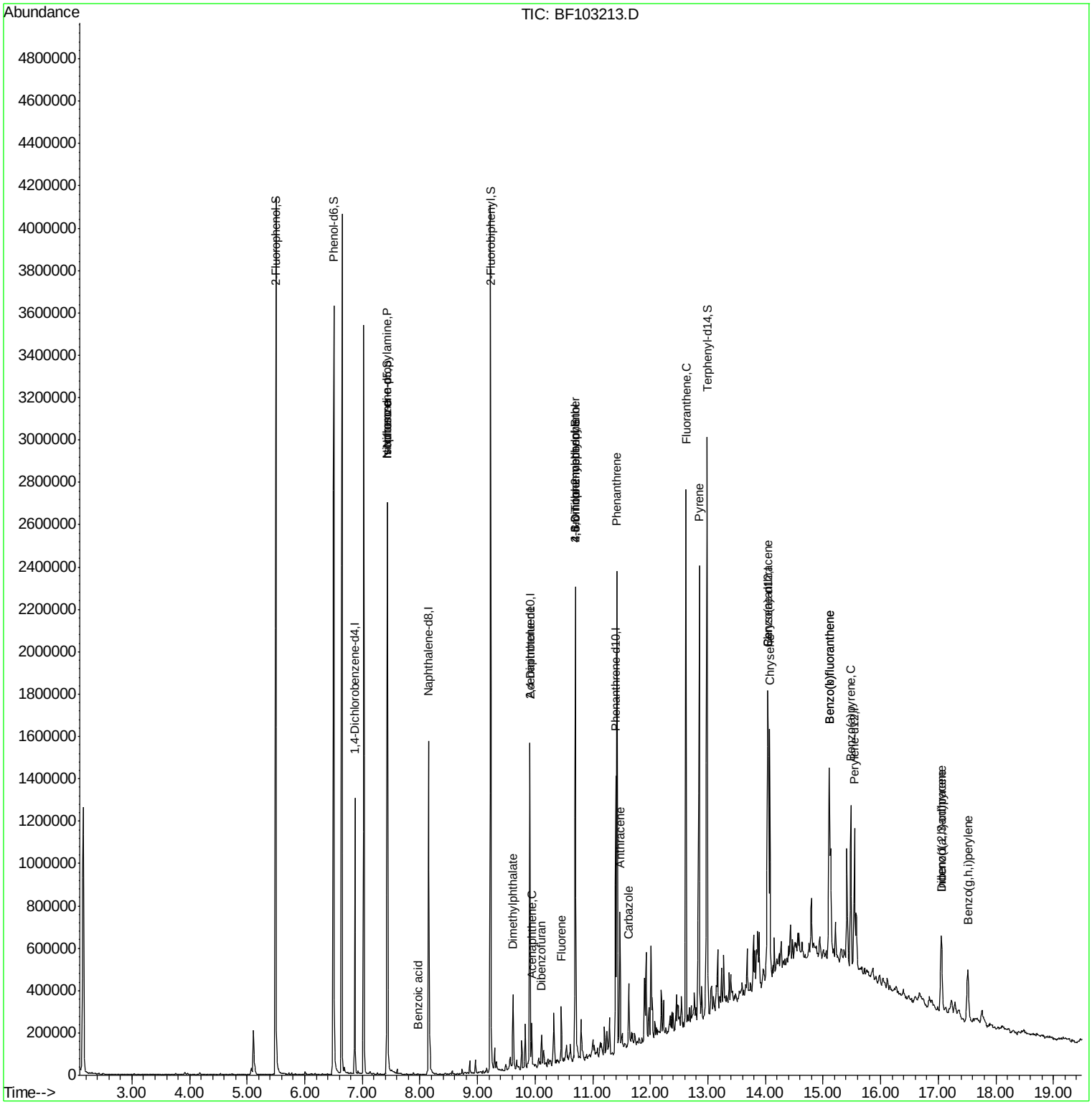
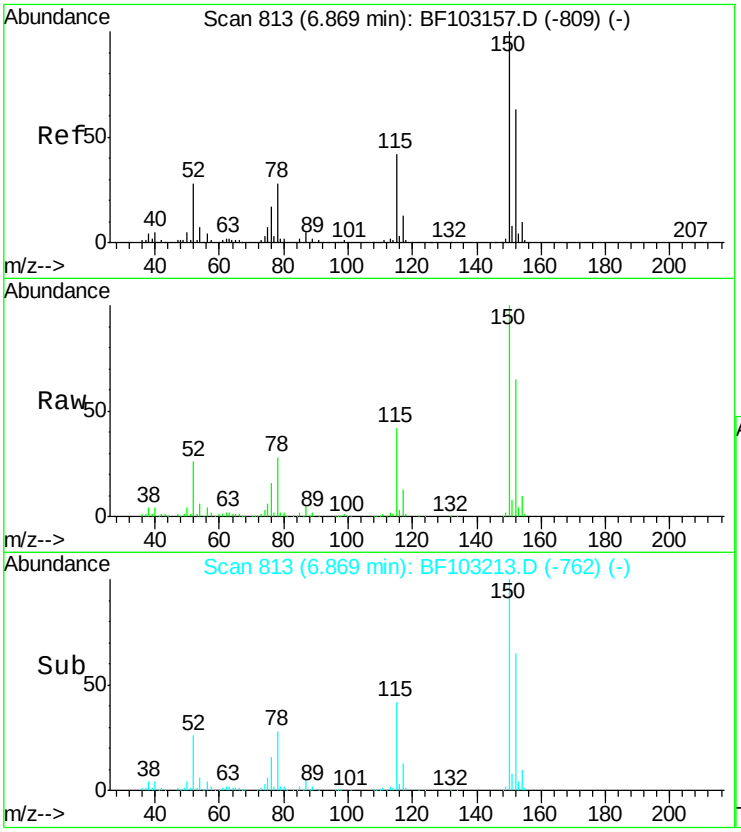


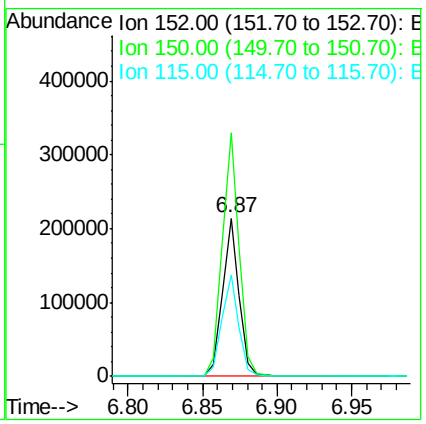


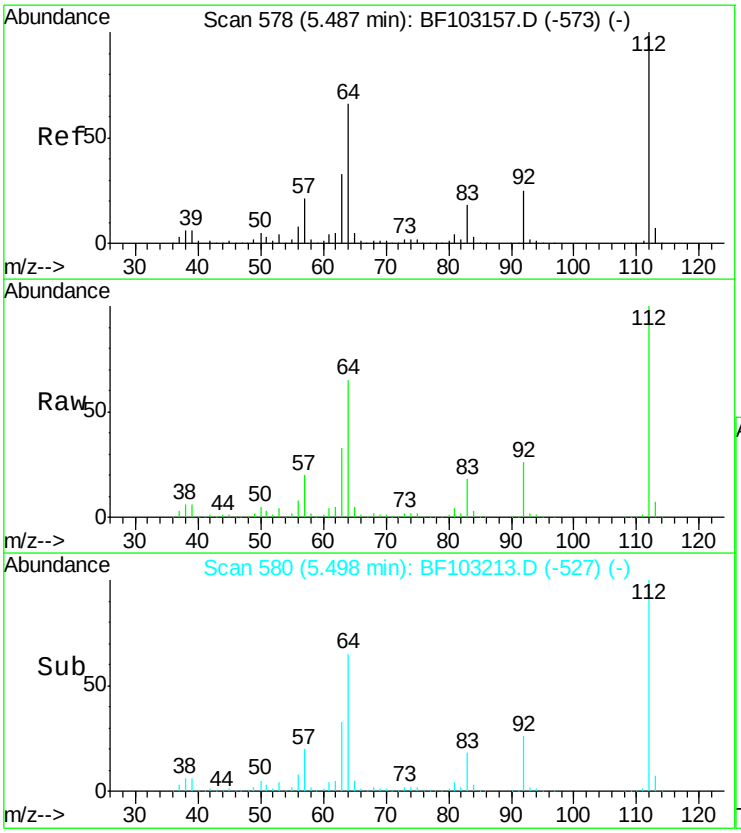
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 169017

Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	64.1	50.1	75.1

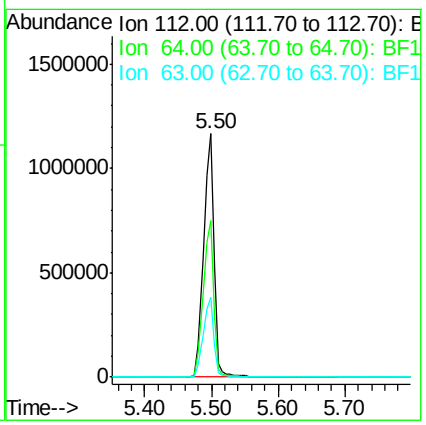


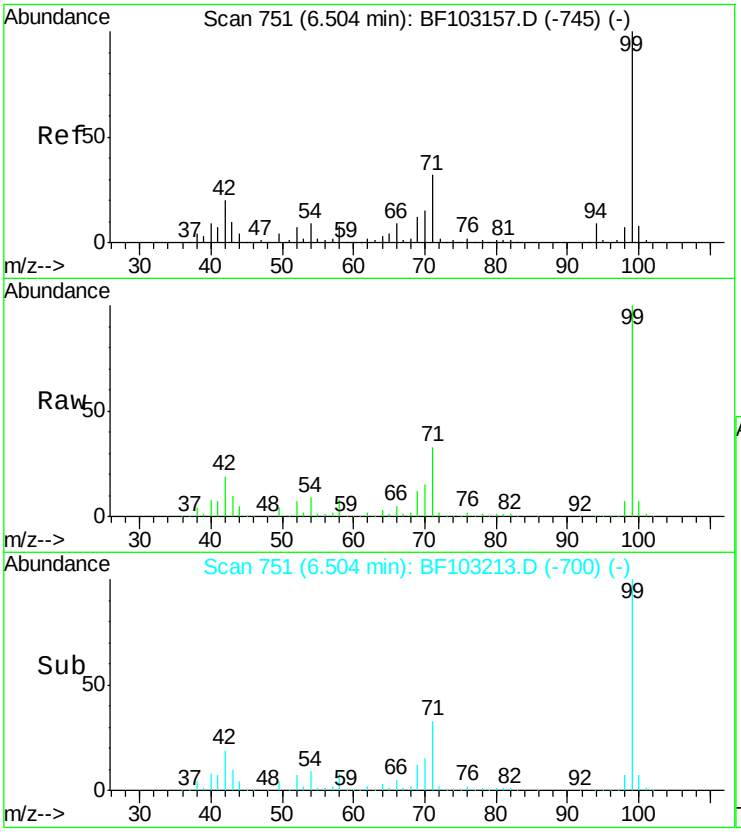


#5
2-Fluorophenol
Concen: 112.523 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Tgt Ion:112 Resp: 1257473

Ion	Ratio	Lower	Upper
112	100		
64	64.5	47.9	71.9
63	32.8	23.7	35.5



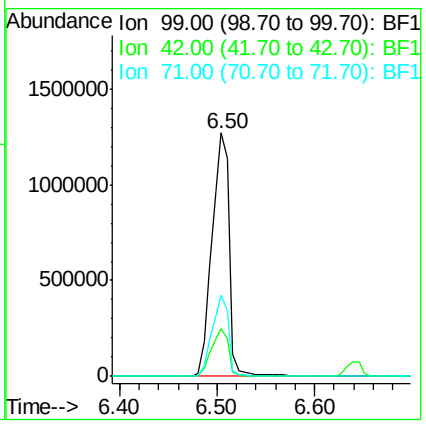


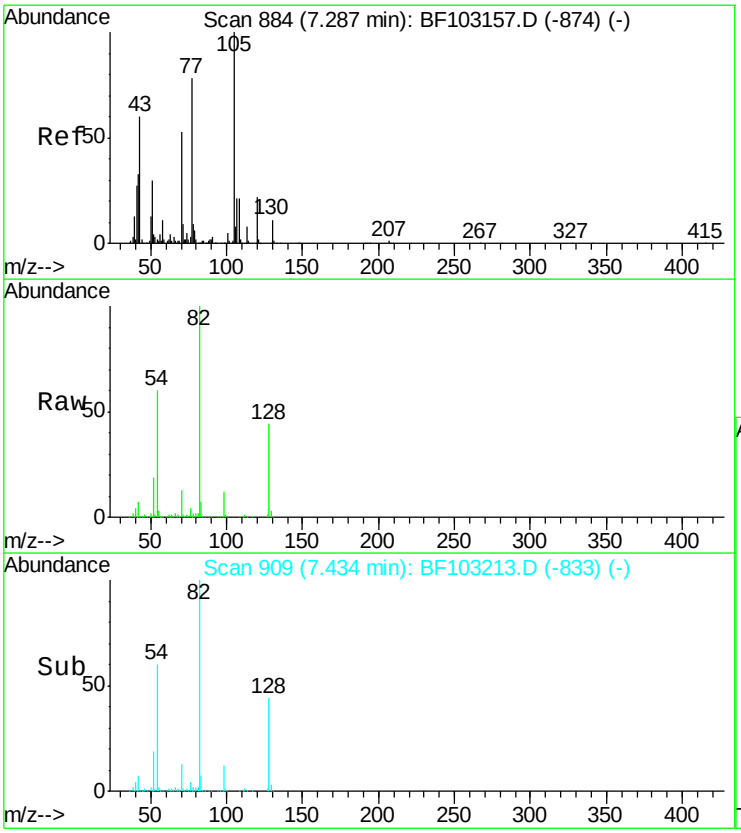
#7
Phenol-d6
Concen: 113.528 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1552446

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	33.2	25.4	38.0

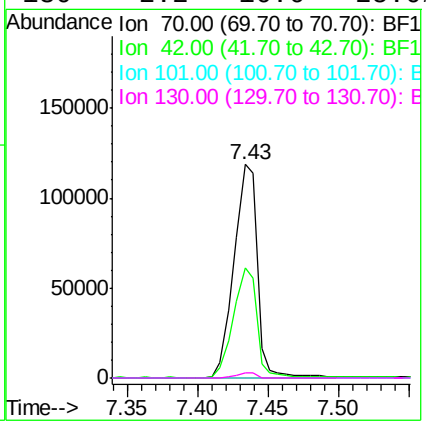


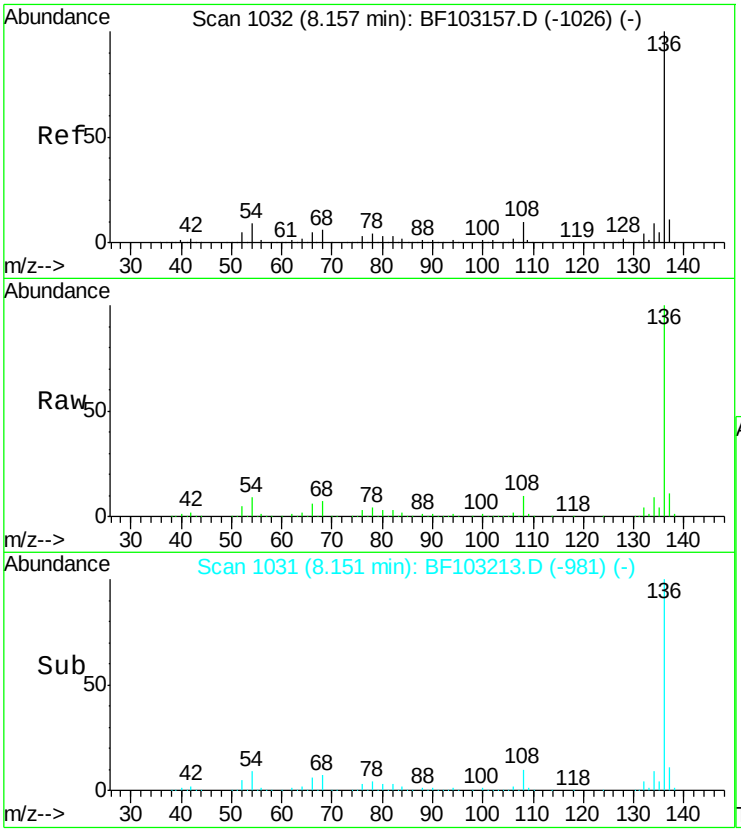


#19
n-Nitroso-di-n-propylamine
Concen: 16.134 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Tgt Ion: 70 Resp: 137310

Ion	Ratio	Lower	Upper
70	100		
42	51.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



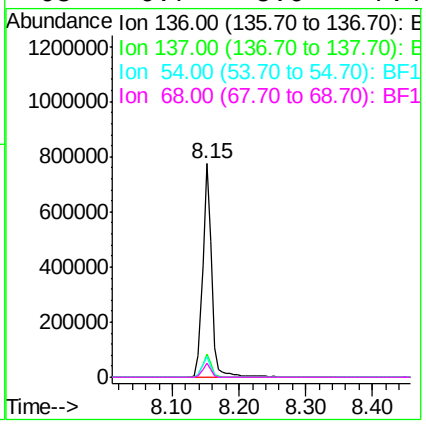


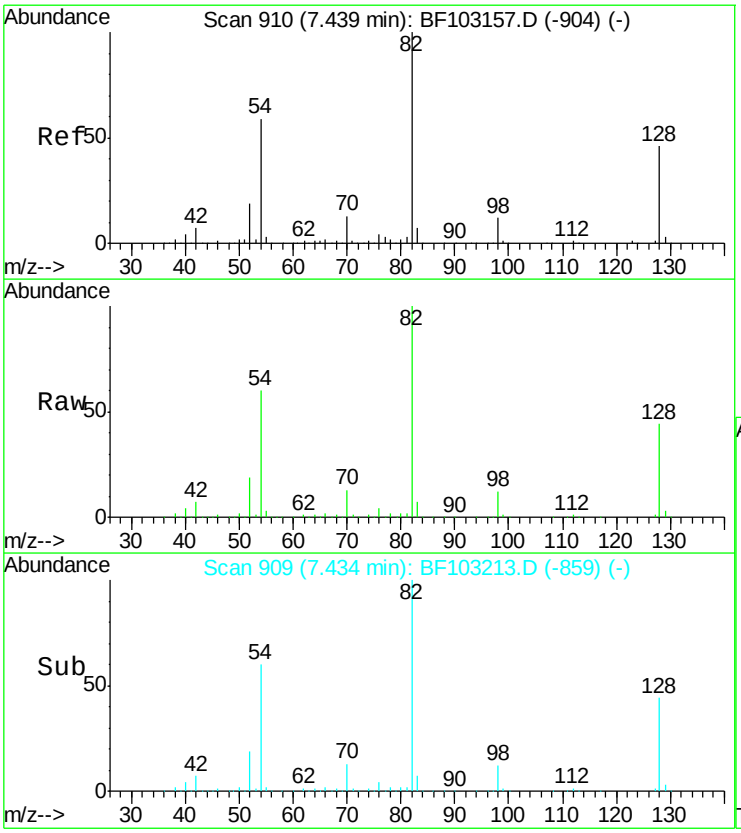
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 710667

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.3	6.6	9.8
68	6.7	5.0	7.4

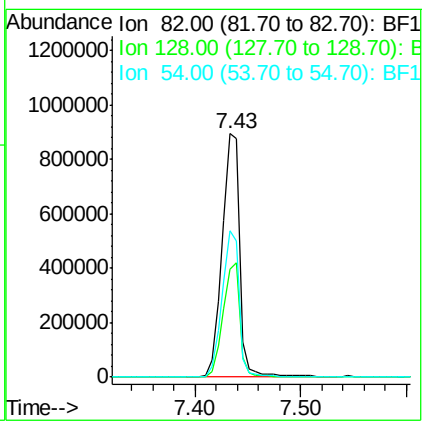


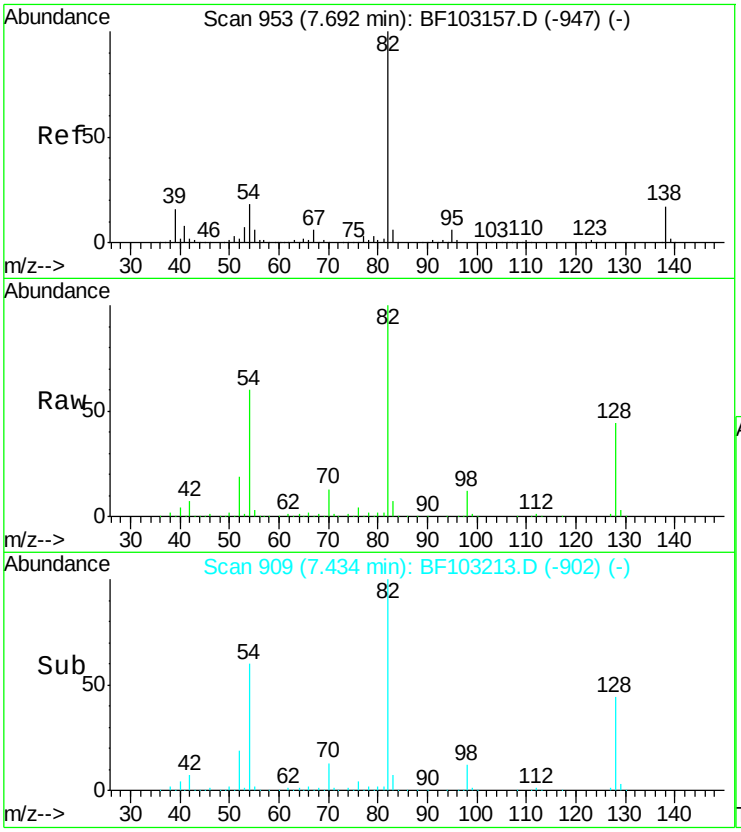


#23
Nitrobenzene-d5
Concen: 83.456 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Tgt Ion: 82 Resp: 1038546

Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	60.3	41.4	62.2



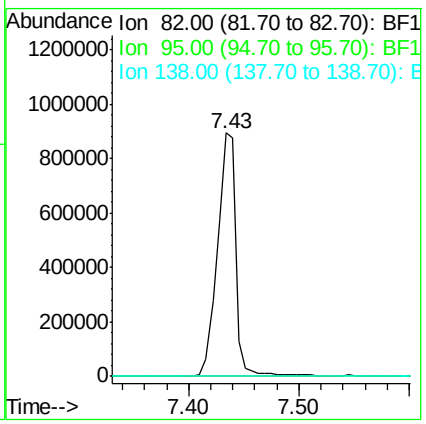


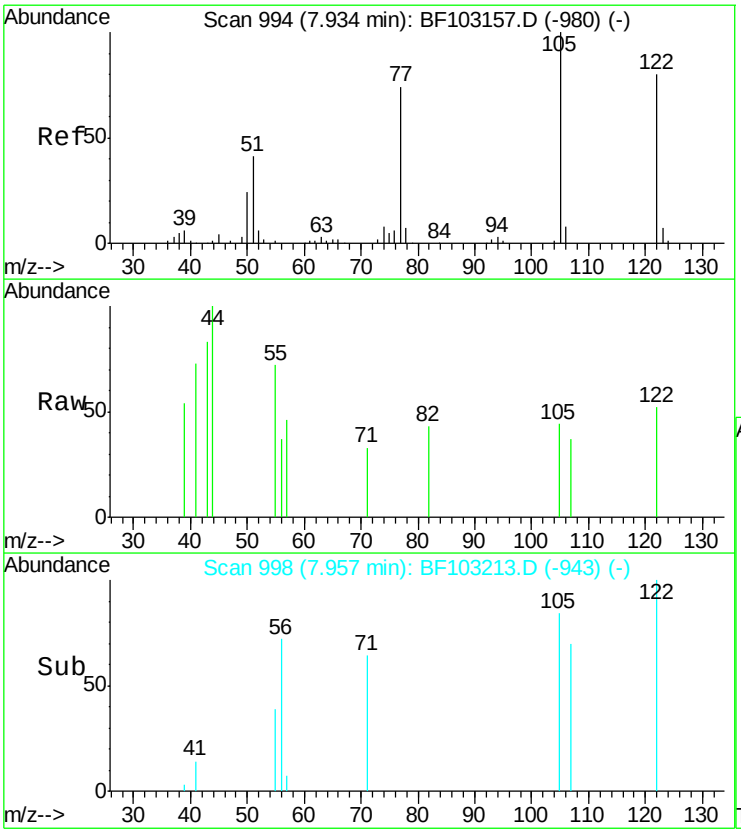
#25
Isophorone
Concen: 42.379 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1038663

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

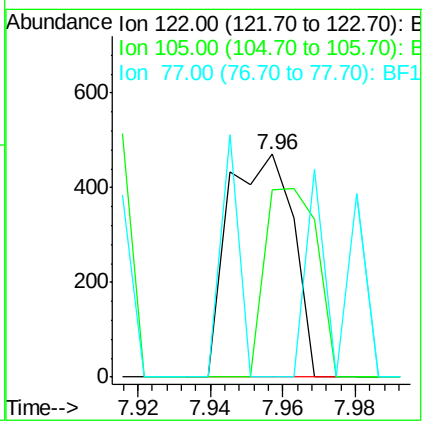


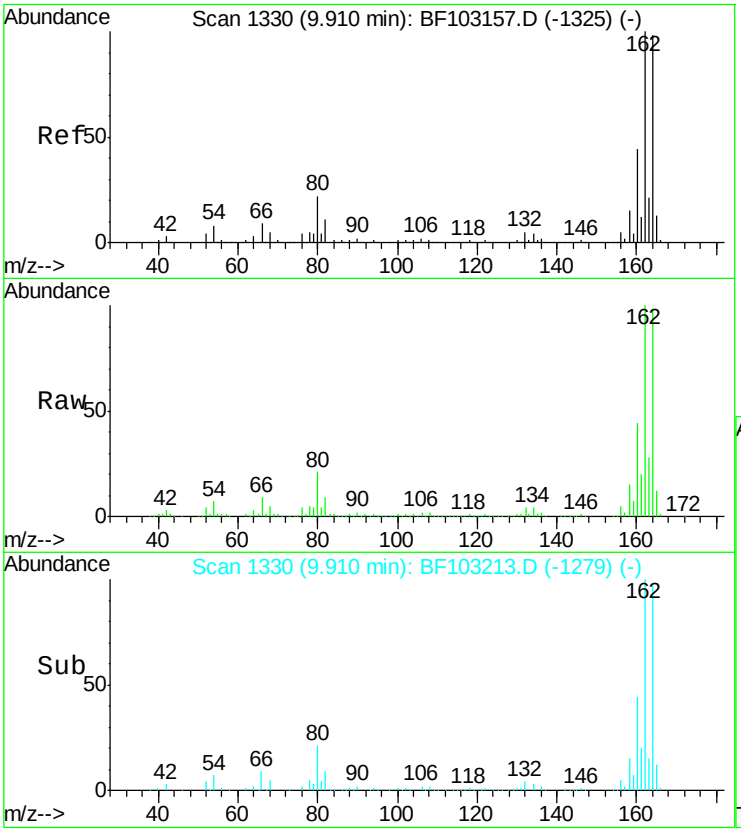


#32
Benzoic acid
Concen: 6.982 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.02 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Tgt Ion:122 Resp: 582

Ion	Ratio	Lower	Upper
122	100		
105	84.1	101.1	141.1#
77	0.0	70.7	110.7#



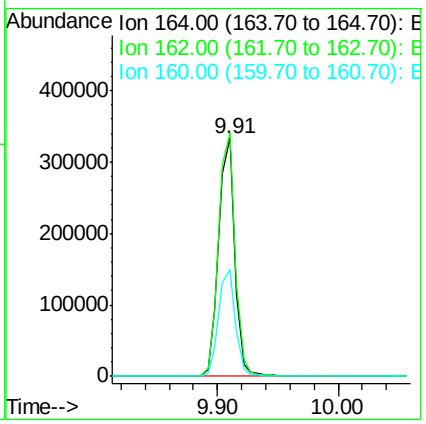


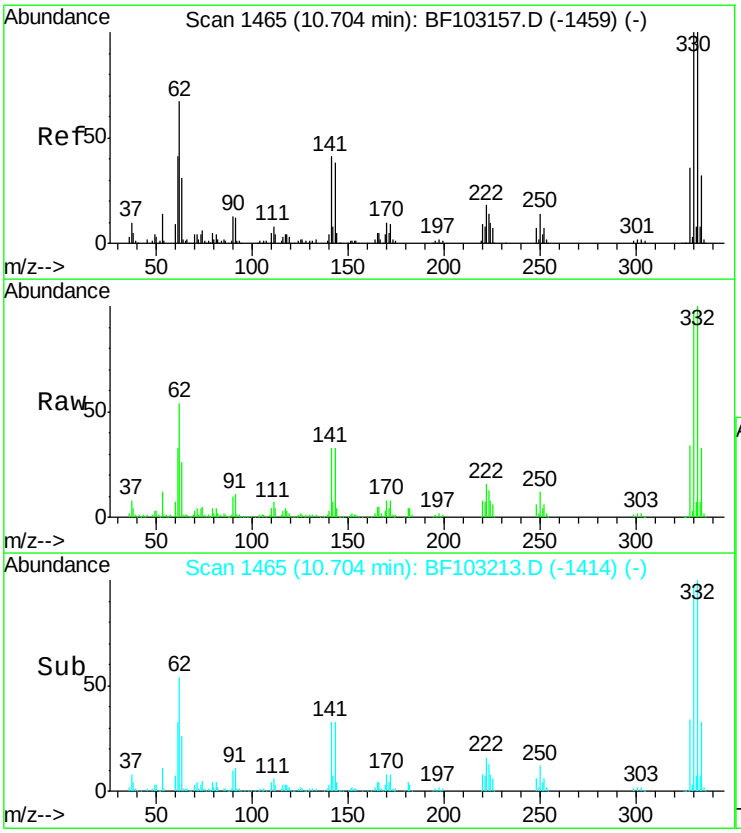
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 308358

Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	45.0	38.3	57.5

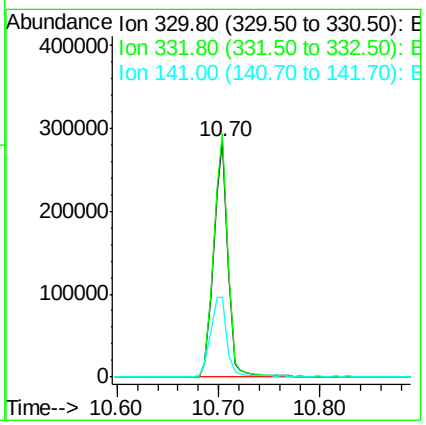


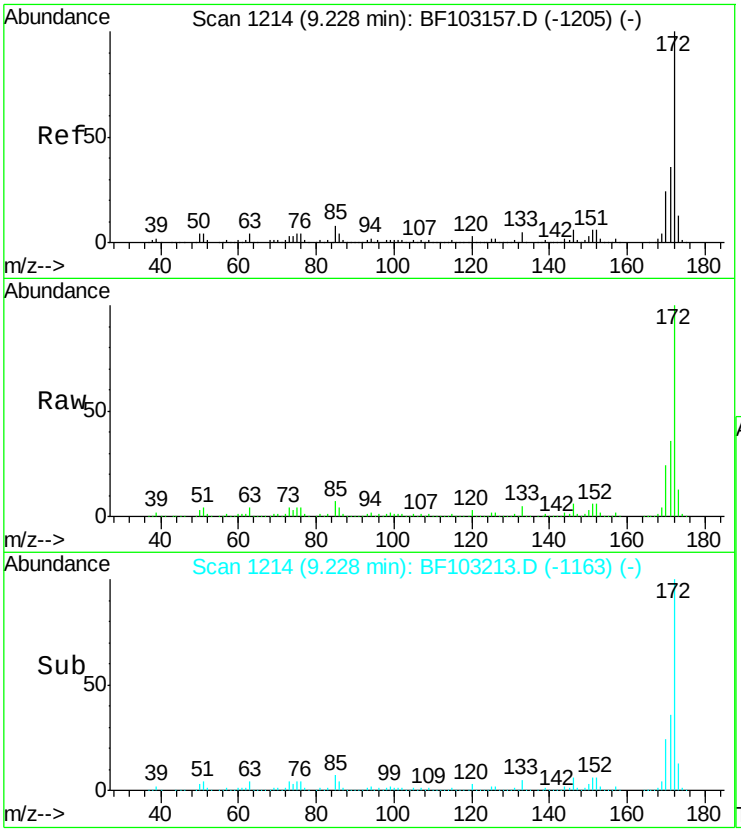


#41
2,4,6-Tribromophenol
Concen: 107.189 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.00 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Tgt Ion:330 Resp: 279772

Ion	Ratio	Lower	Upper
330	100		
332	103.1	77.0	115.6
141	39.1	29.9	44.9



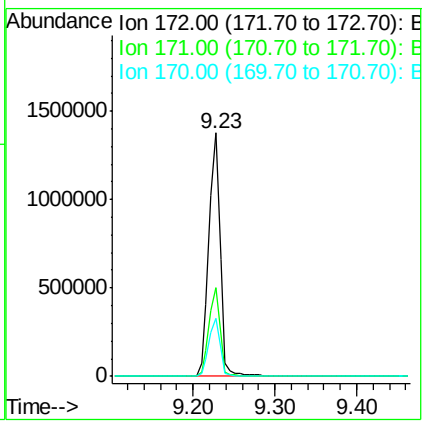


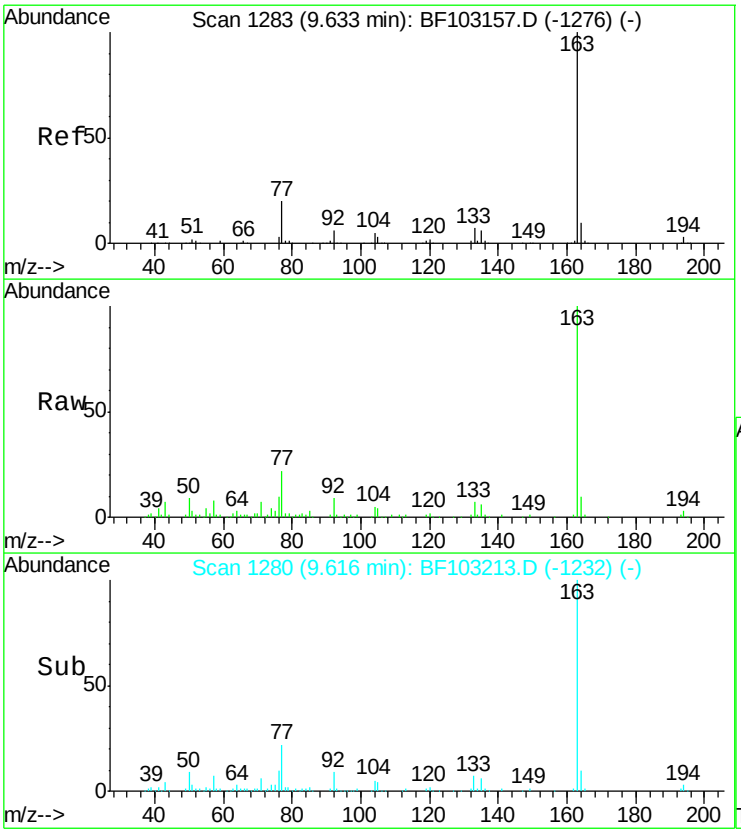
#44
2-Fluorobiphenyl
Concen: 71.798 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1334095

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4

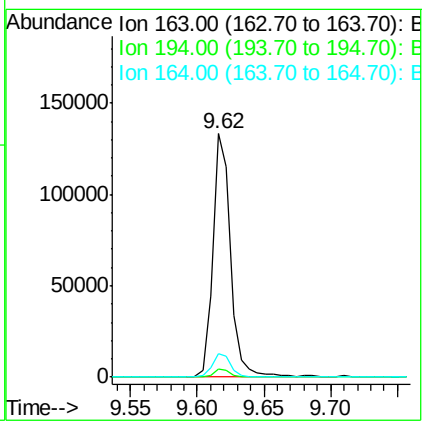


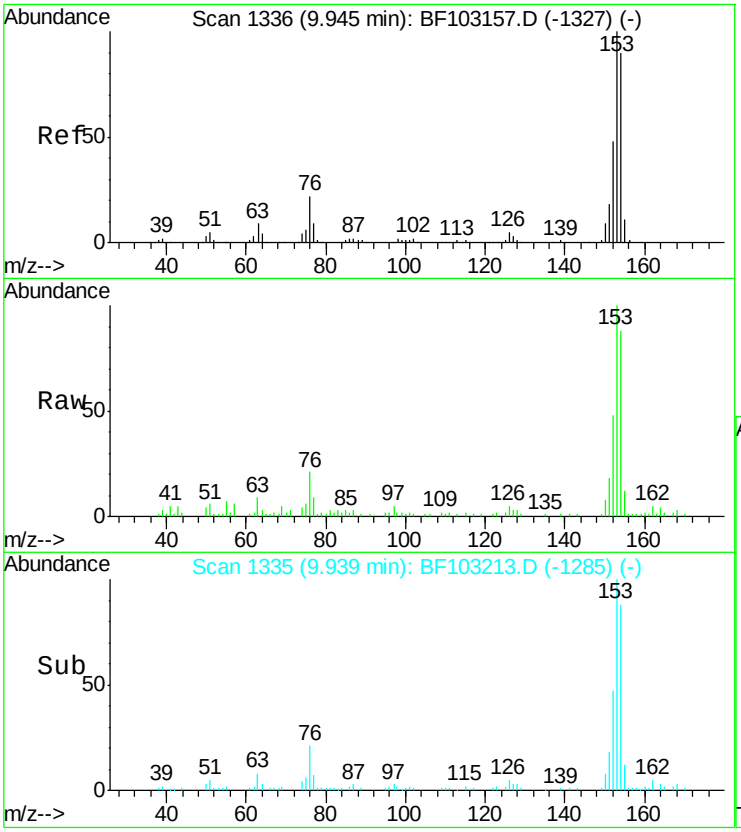


#49
Dimethylphthalate
Concen: 5.052 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Tgt Ion:163 Resp: 124969

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.8	8.2	12.2



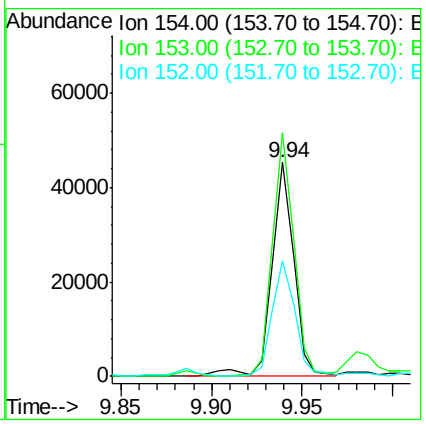


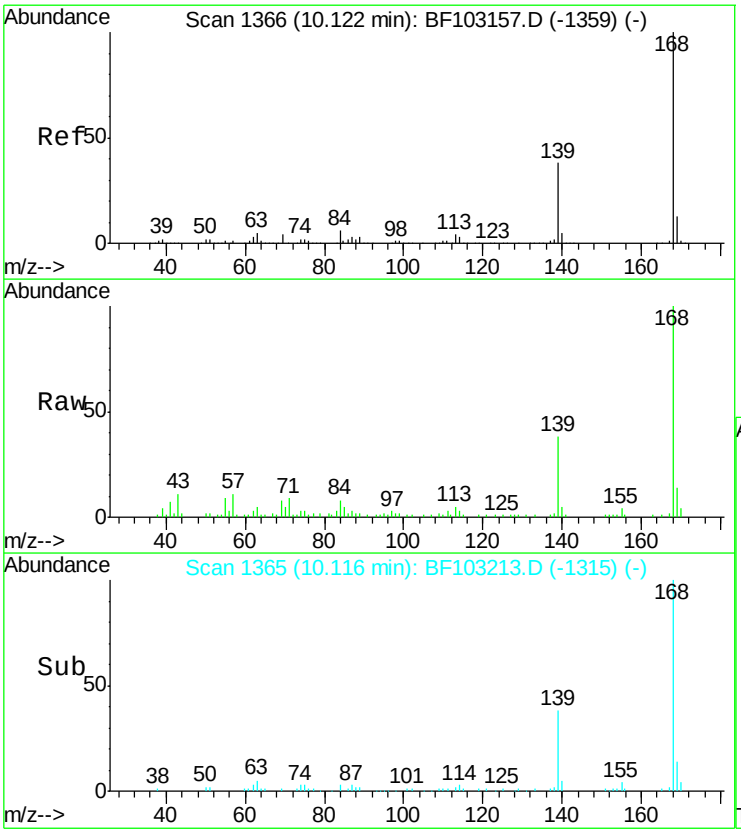
#51
Acenaphthene
Concen: 2.088 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 38293

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.2	136.8
152	54.3	43.8	65.8

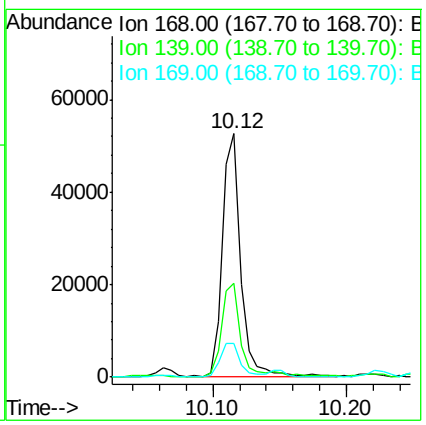


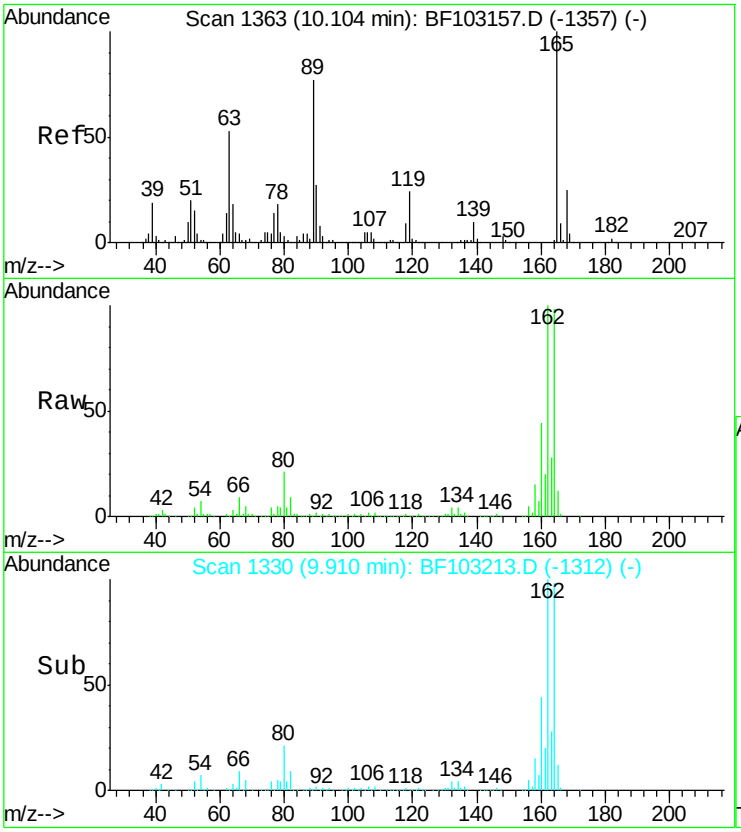


#54
Dibenzofuran
Concen: 2.048 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Tgt Ion:168 Resp: 51571

Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	13.7	10.9	16.3



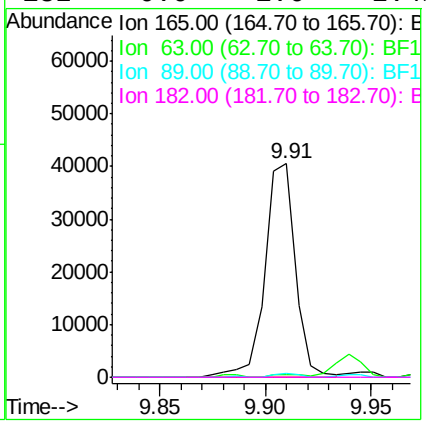


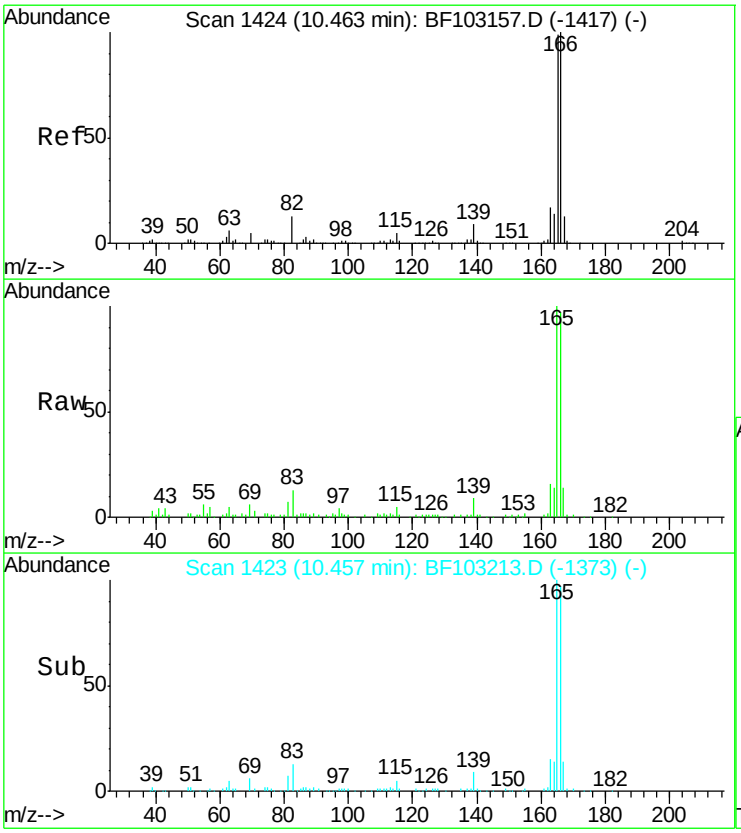
#56
2,4-Dinitrotoluene
Concen: 6.185 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.19 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 40605

Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

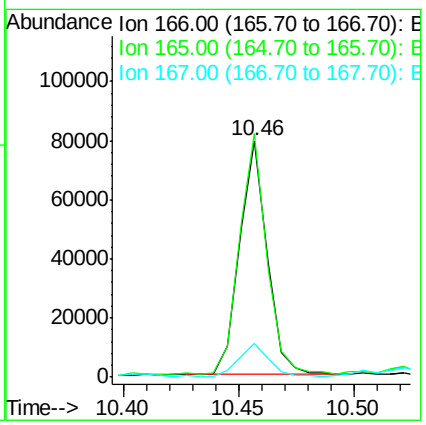


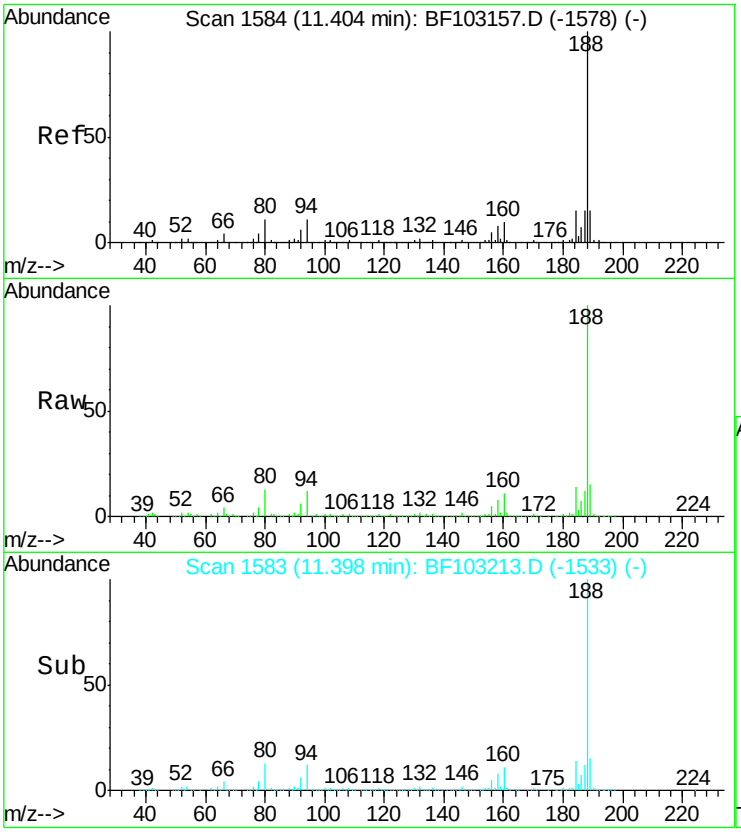


#57
Fluorene
Concen: 3.082 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Tgt Ion:166 Resp: 66099

Ion	Ratio	Lower	Upper
166	100		
165	103.2	79.8	119.8
167	14.3	10.6	16.0



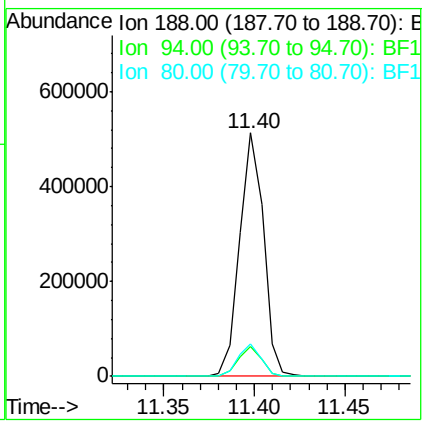


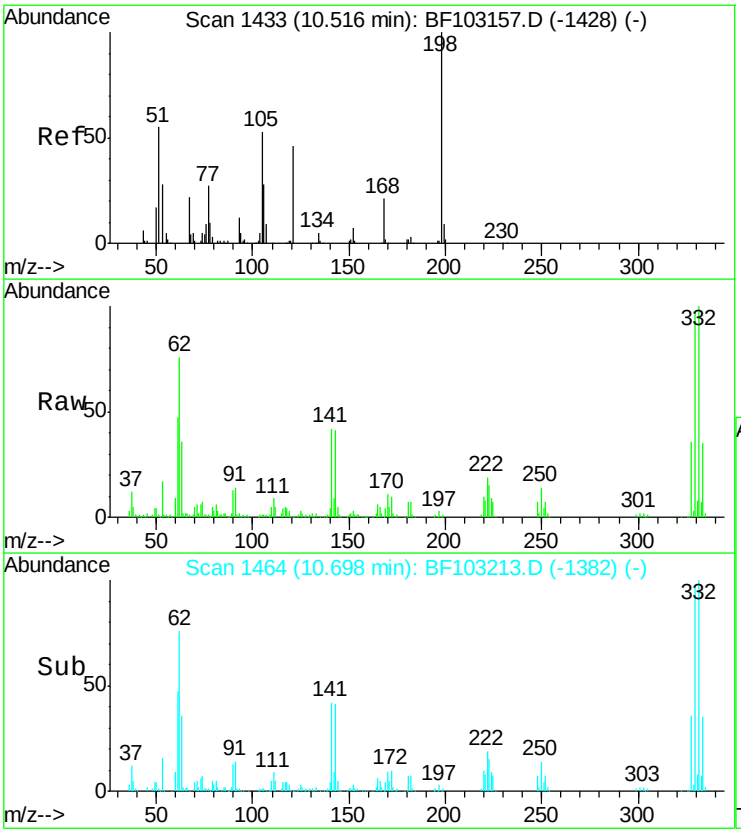
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 471470

Ion	Ratio	Lower	Upper
188	100		
94	12.4	8.5	12.7
80	13.1	9.2	13.8

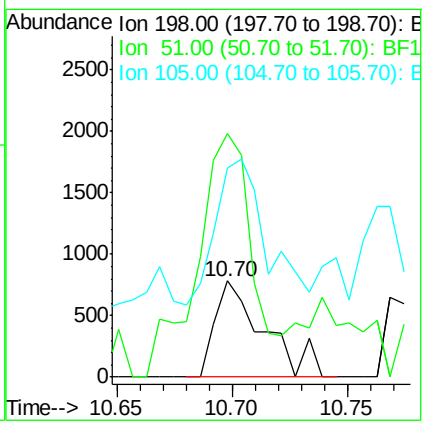


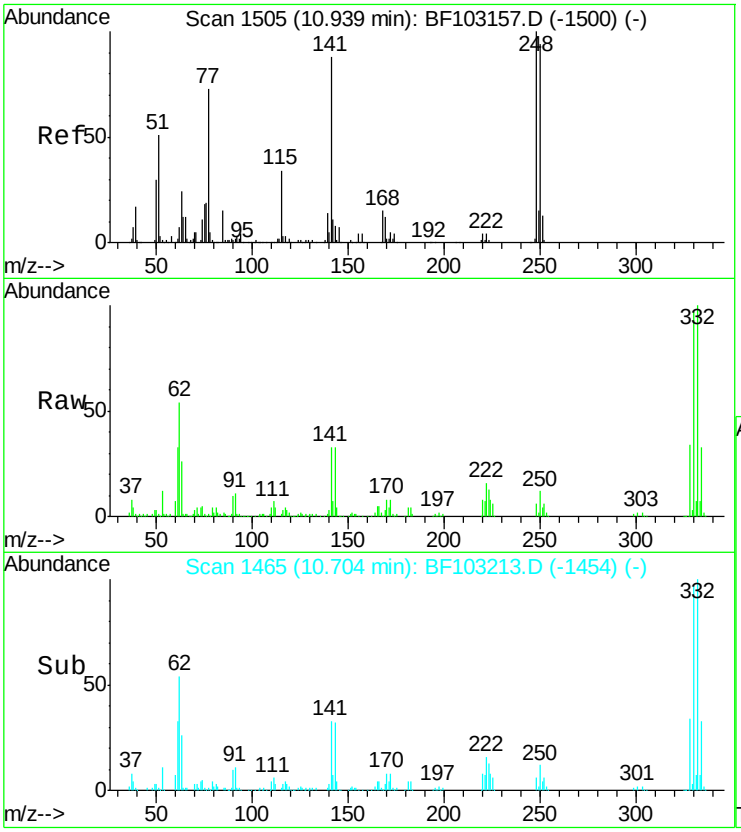


#64
4,6-Dinitro-2-methylphenol
Concen: 5.303 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Tgt Ion:198 Resp: 1143

Ion	Ratio	Lower	Upper
198	100		
51	252.8	37.7	77.7#
105	216.5	36.3	76.3#



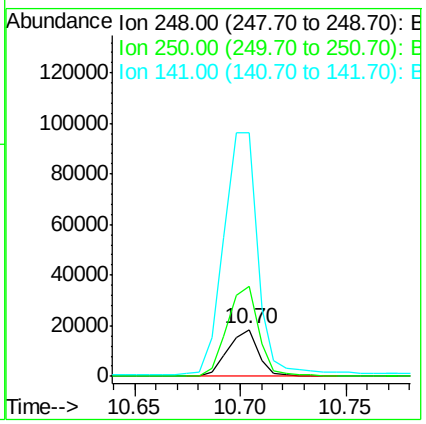


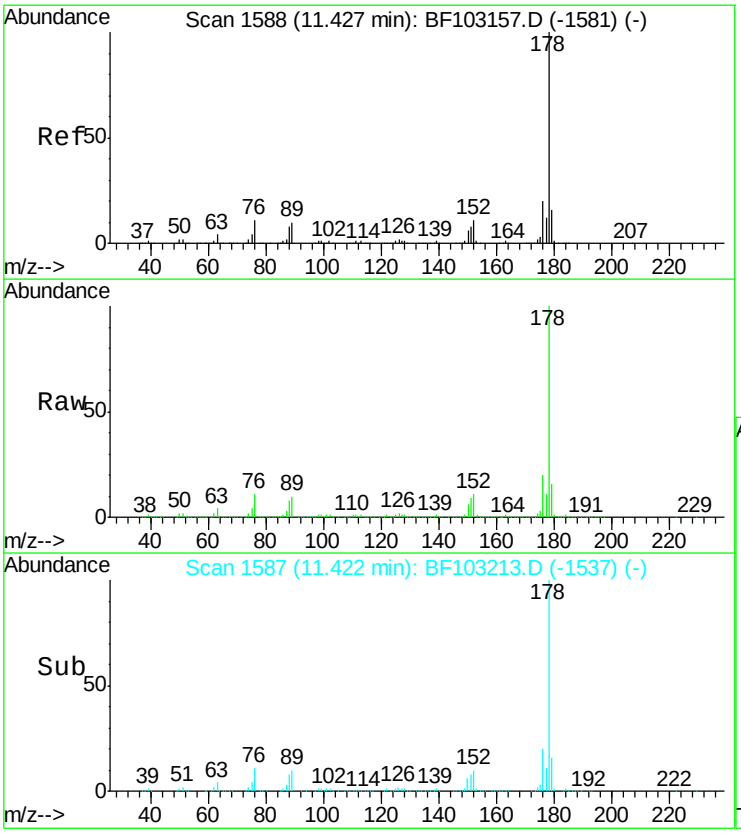
#66
4-Bromophenyl-phenylether
Concen: 3.731 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 18322

Ion	Ratio	Lower	Upper
248	100		
250	192.4	76.9	115.3#
141	522.3	74.4	111.6#

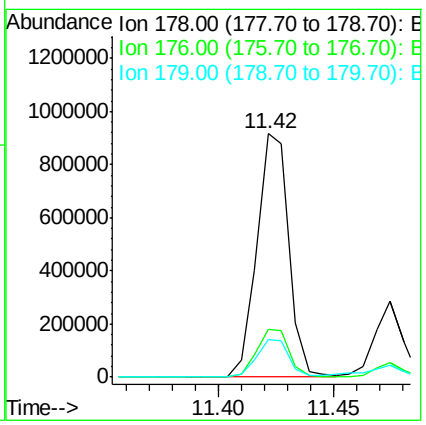


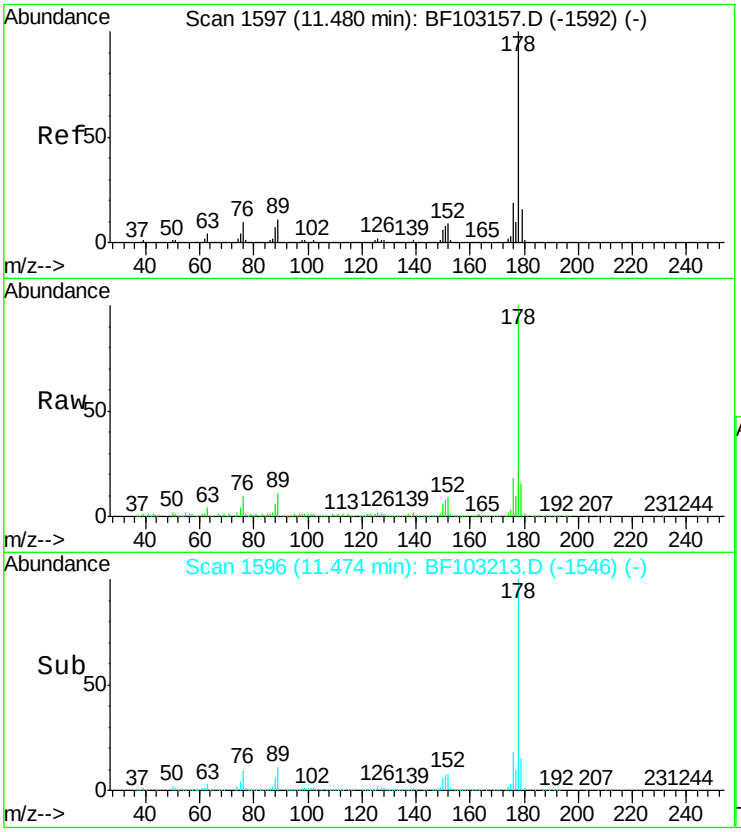


#70
Phenanthrene
Concen: 34.046 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Tgt Ion:178 Resp: 883367

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



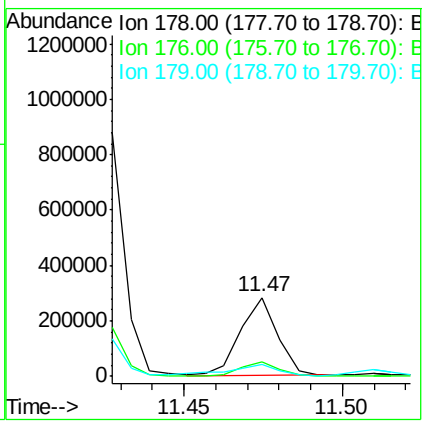


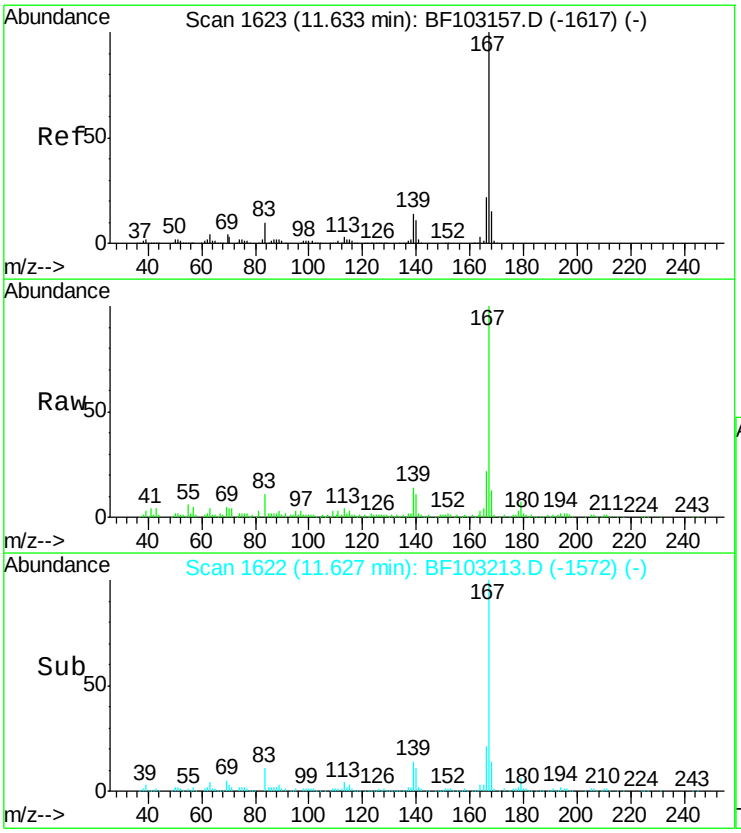
#71
Anthracene
Concen: 8.524 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 226792

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.6	12.6	19.0

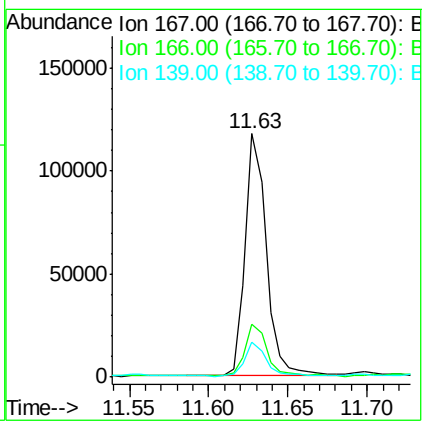


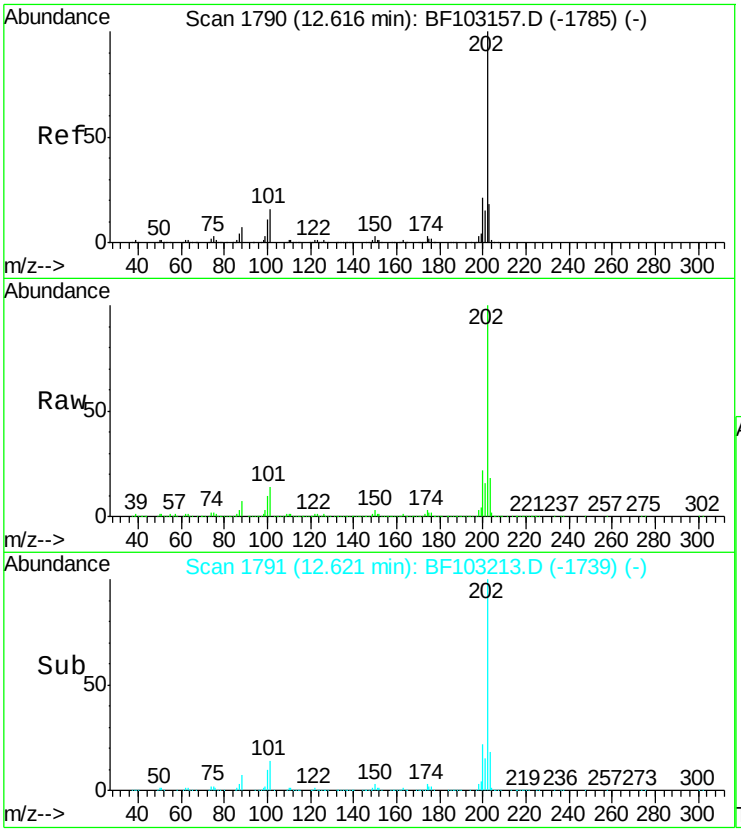


#72
Carbazole
Concen: 4.145 ng
RT: 11.63 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Tgt Ion:167 Resp: 109837

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	14.2	10.9	16.3



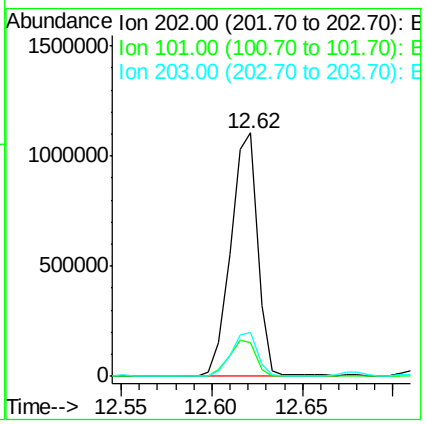


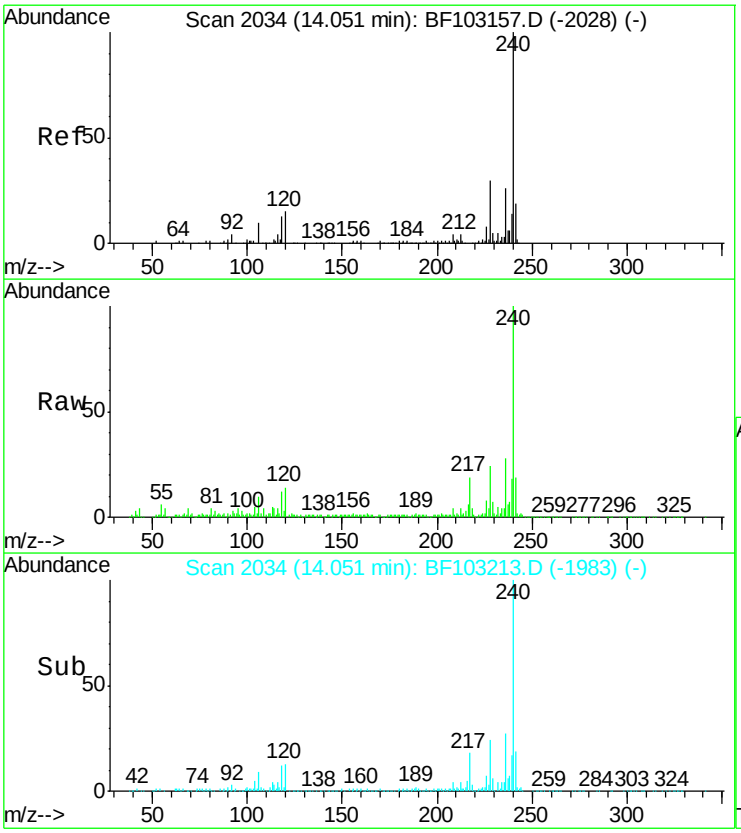
#74
Fluoranthene
Concen: 43.685 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1139020

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	34.1
203	17.8	0.0	38.1

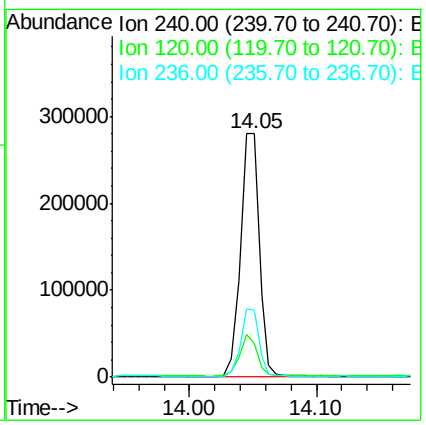


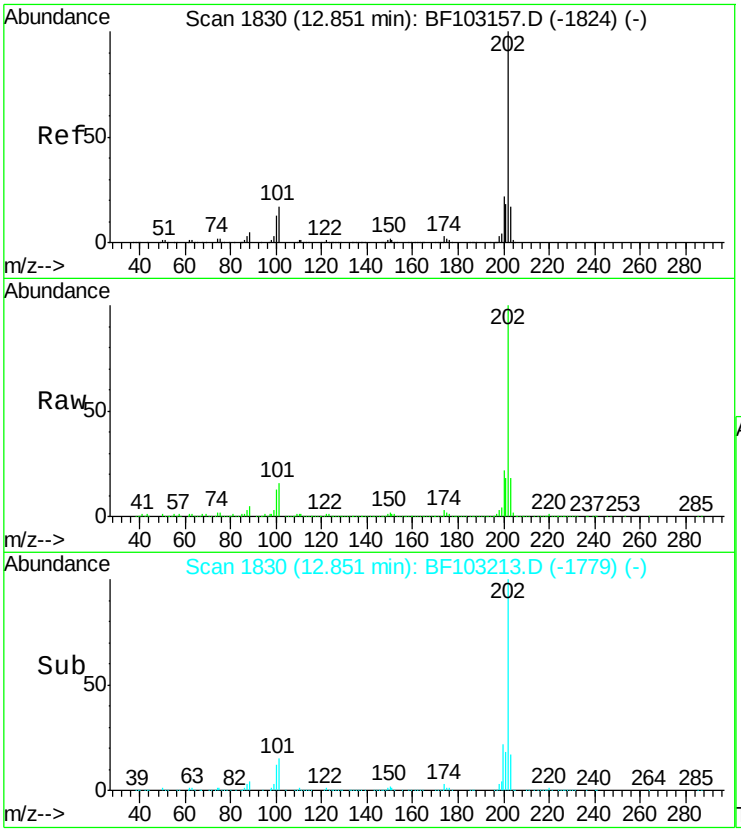


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Tgt Ion:240 Resp: 286559

Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	27.5	20.7	31.1



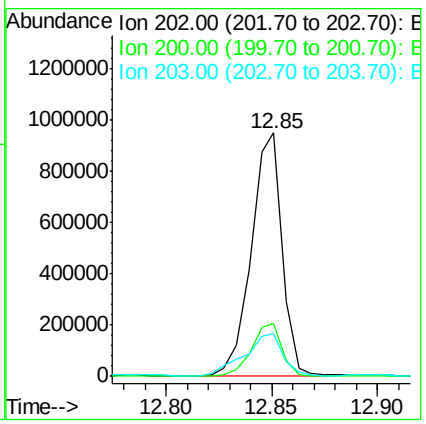


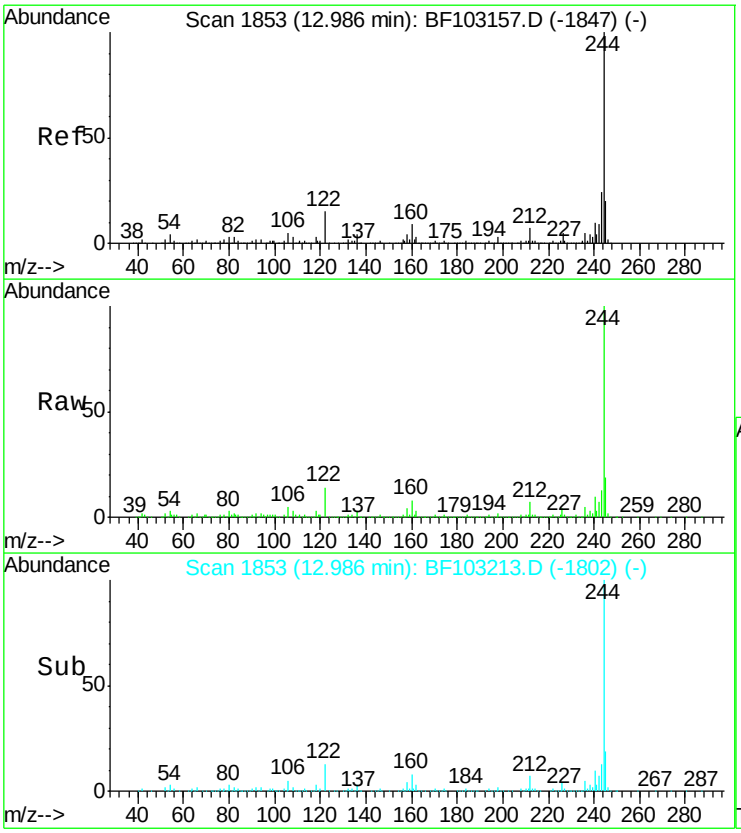
#77
Pyrene
Concen: 43.158 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 964240

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.7	14.3	21.5

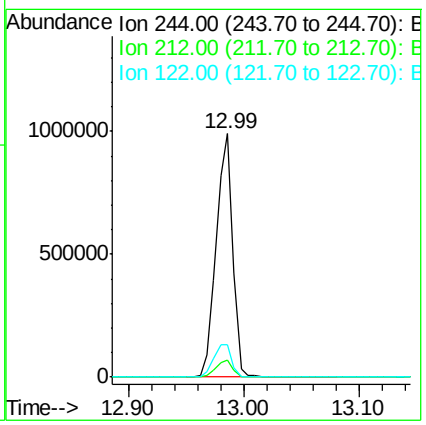


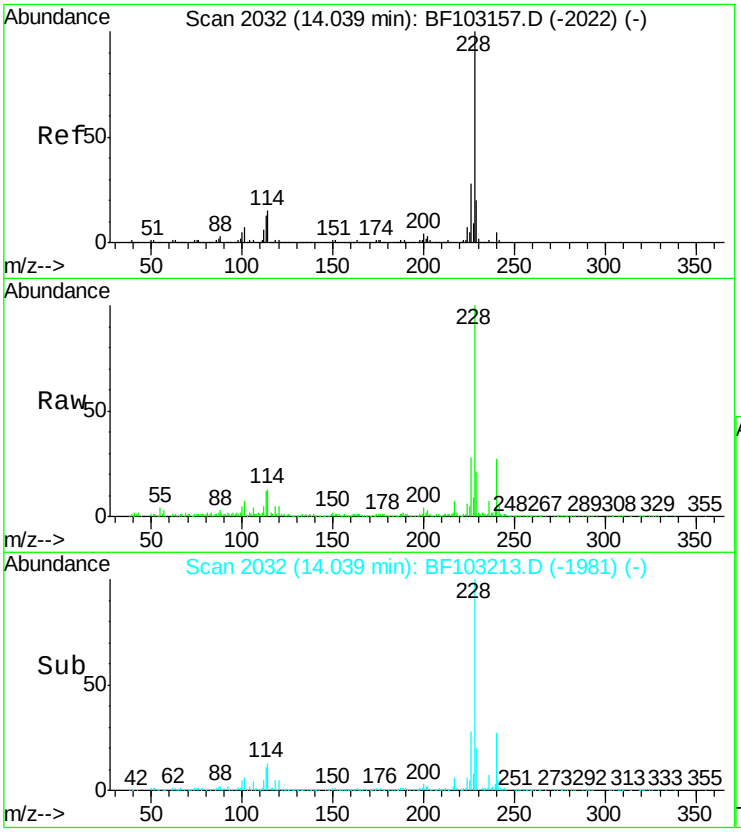


#78
Terphenyl-d14
Concen: 82.535 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Tgt Ion:244 Resp: 983883

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.6	11.0	16.4



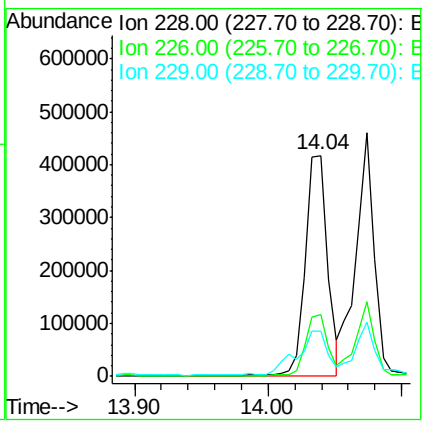


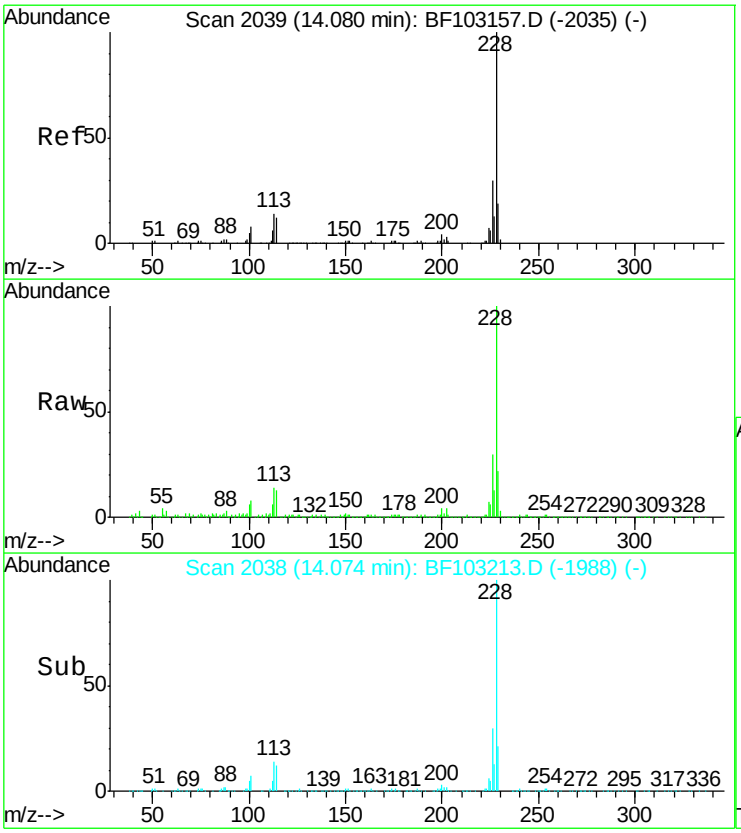
#80
Benzo(a)anthracene
Concen: 25.261 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 469683

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.6	15.8	23.6

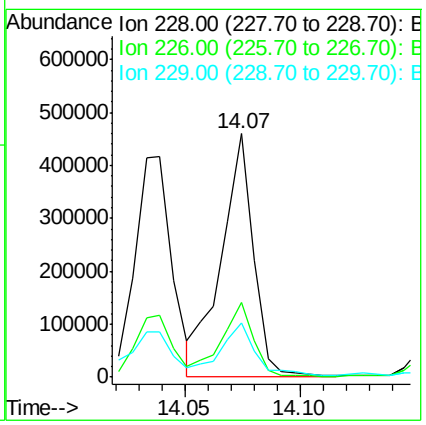


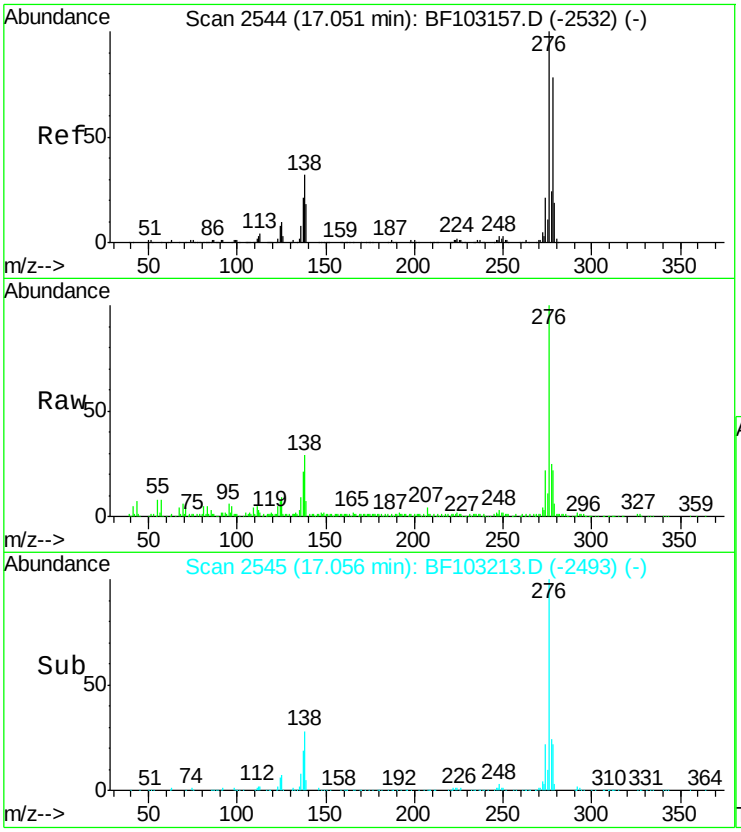


#82
Chrysene
Concen: 24.612 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Tgt Ion:228 Resp: 444322

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.1	16.2	24.4



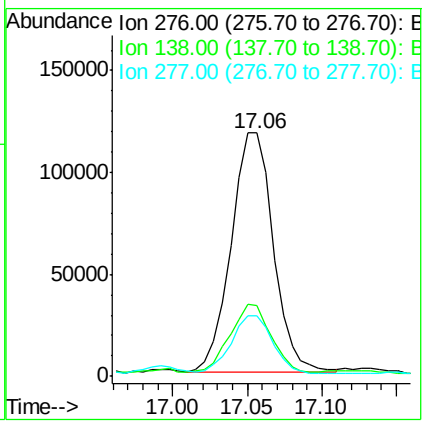


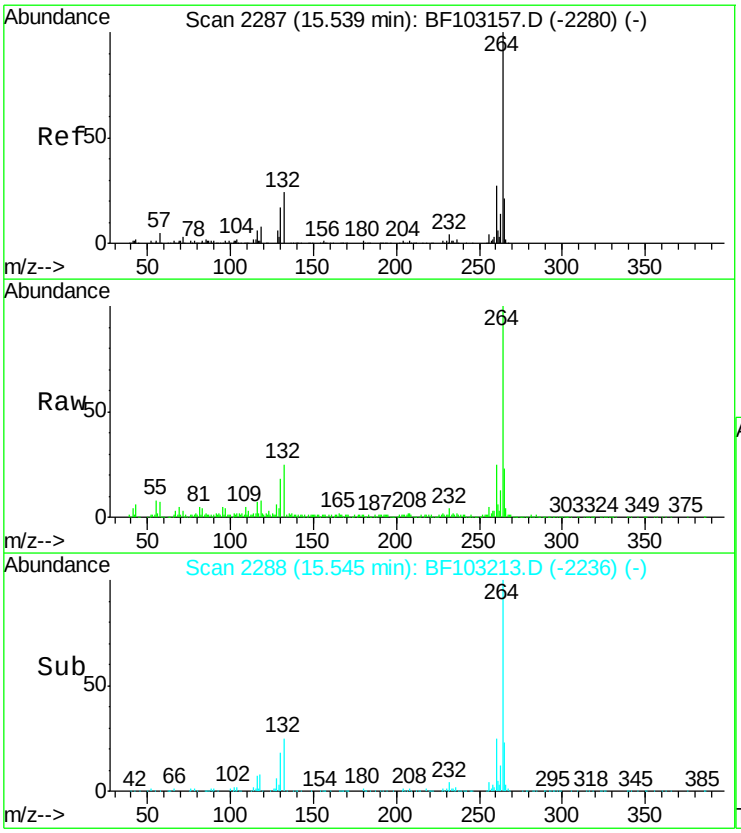
#85
Indeno(1,2,3-cd)pyrene
Concen: 16.120 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 230397

Ion	Ratio	Lower	Upper
276	100		
138	29.1	25.0	37.6
277	23.9	20.1	30.1

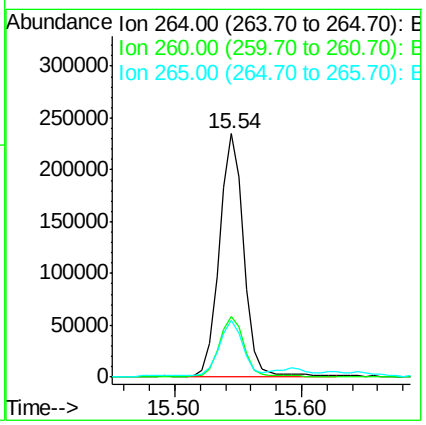


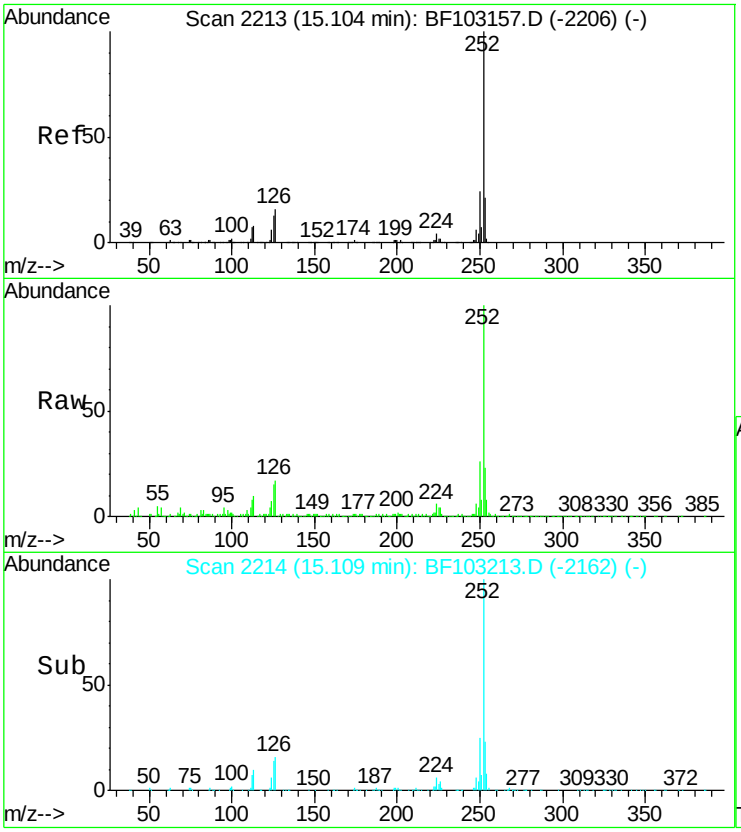


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Tgt Ion:264 Resp: 309587

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	23.2	17.5	26.3



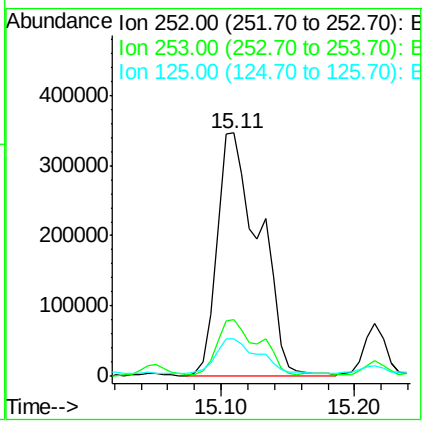


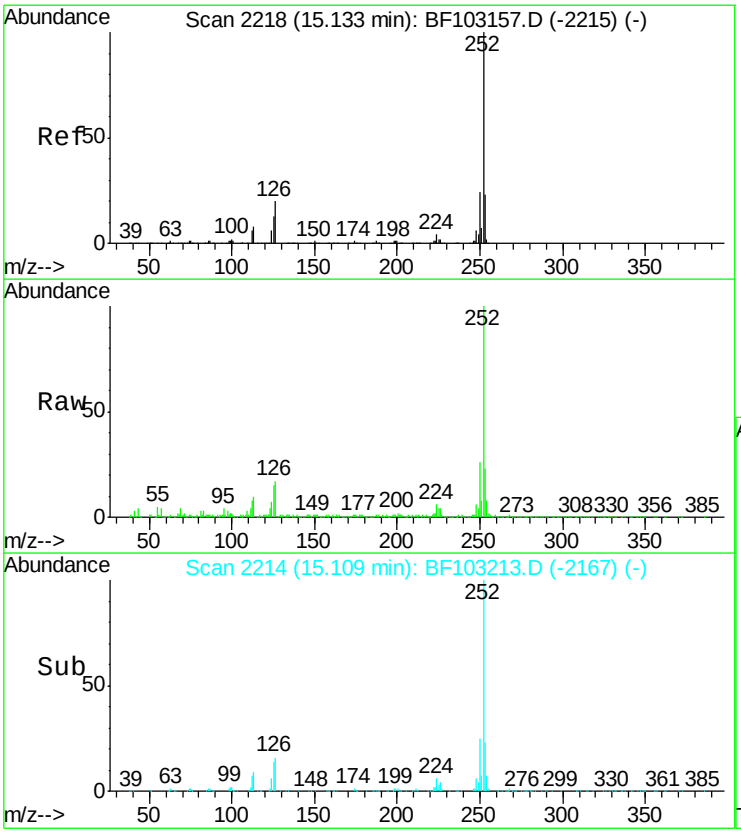
#87
Benzo(b)fluoranthene
Concen: 37.121 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 755610

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	15.4	9.0	13.6#

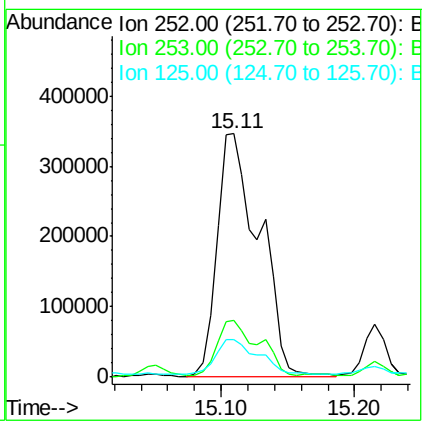


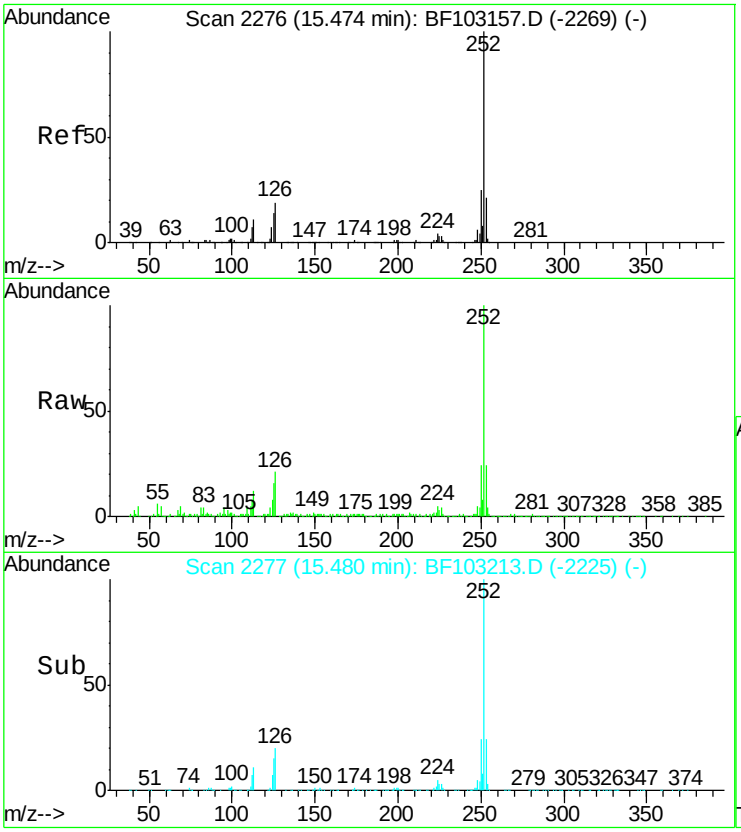


#88
Benzo(k)fluoranthene
Concen: 39.421 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Tgt Ion:252 Resp: 755610

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	15.4	10.2	15.2#



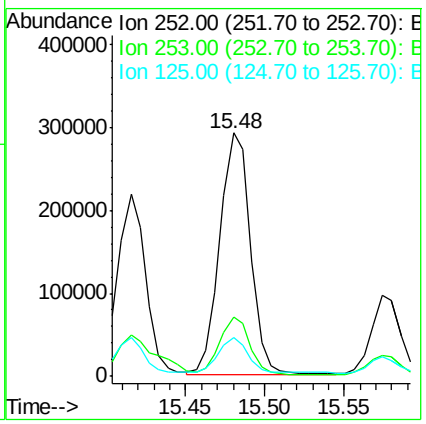


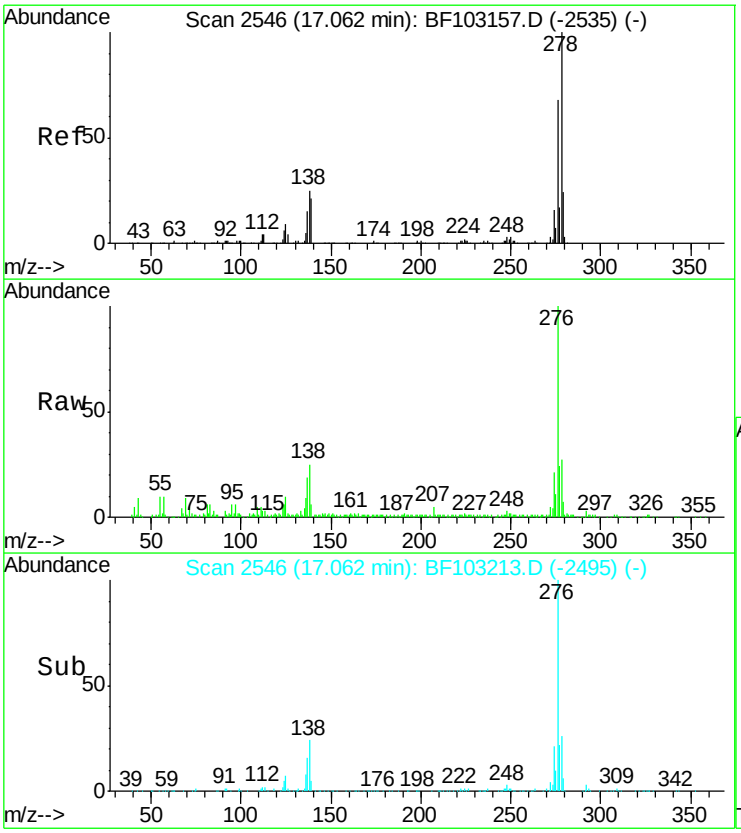
#89
Benzo(a)pyrene
Concen: 21.669 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.01 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 393889

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	15.9	9.8	14.6#

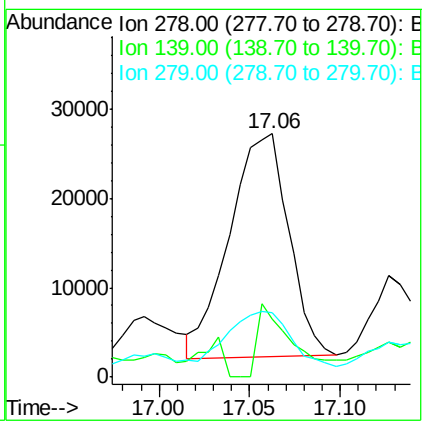


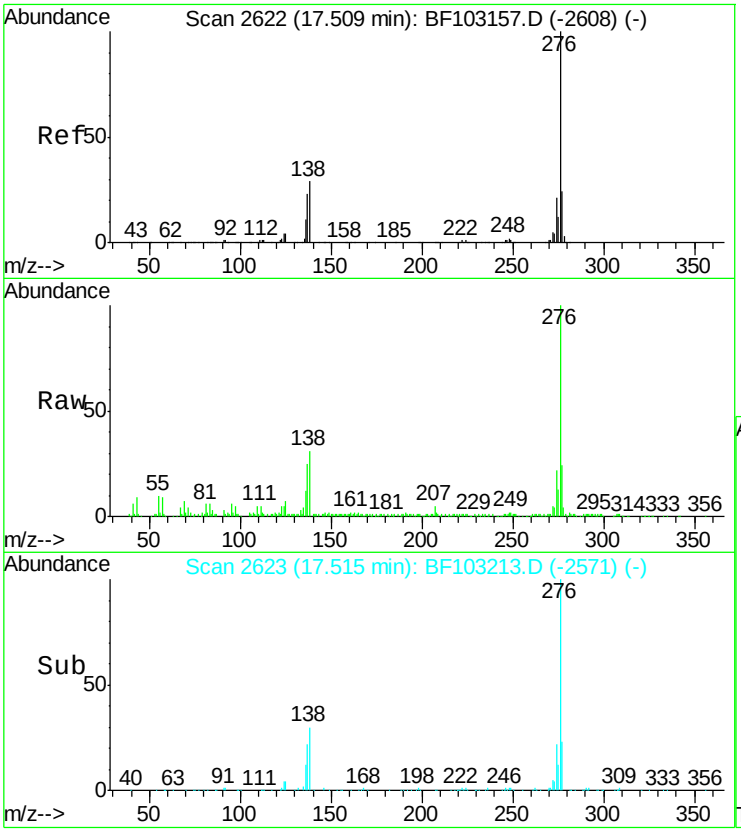


#90
Dibenzo(a,h)anthracene
Concen: 4.053 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Tgt Ion:278 Resp: 56922

Ion	Ratio	Lower	Upper
278	100		
139	23.8	15.9	23.9
279	26.6	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 15.461 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.01 min
Lab File: BF103213.D
Acq: 26 Feb 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 212241

Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	31.4	21.8	32.8