Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103463.D
Acq On : 6 Mar 2018 18:50
Operator : SJ/JU
Sample : J1722-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 07 00:12:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 11:52:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	176582	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	731627	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	311179	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	467292	20.00	ng		0.00
75) Chrysene-d12	14.06	240	292922	20.00	ng		0.00
86) Perylene-d12	15.57	264	261705	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1079425	92.45	ng		0.00
7) Phenol-d6	6.51	99	1294212	90.59	ng		0.00
23) Nitrobenzene-d5	7.44	82	839344	65.52	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	156442	59.39	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1047813	52.80	ng		0.00
78) Terphenyl-d14	12.99	244	690624	56.68	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	2841	Below Cal		#	1
10) Phenol	6.52	94	89368	5.388	ng	#	70
19) n-Nitroso-di-n-propylamine	7.44	70	111203	12.507	ng	#	83
25) Isophorone	7.44	82	839344	33.265	ng	#	64
49) Dimethylphthalate	9.62	163	86547	3.467	ng		99
56) 2,4-Dinitrotoluene	9.91	165	41300	6.234	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.70	198	254	5.025	ng	#	1
66) 4-Bromophenyl-phenylether	10.71	248	10495	2.156	ng	#	1
70) Phenanthrene	11.43	178	158098	6.148	ng		98
74) Fluoranthene	12.63	202	316040	12.230	ng		98
77) Pyrene	12.86	202	306095	13.403	ng		98
80) Benzo(a)anthracene	14.05	228	138143	7.268	ng		98
82) Chrysene	14.09	228	123458	6.690	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	50112	3.430	ng		97
87) Benzo(b)fluoranthene	15.13	252	194237	11.288	ng	#	93
88) Benzo(k)fluoranthene	15.13	252	194237	11.988	ng	#	96
89) Benzo(a)pyrene	15.51	252	98634	6.419	ng	#	93
91) Benzo(g,h,i)perylene	17.59	276	49105	4.232	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103463.D
Acq On : 6 Mar 2018 18:50
Operator : SJ/JU
Sample : J1722-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 07 00:12:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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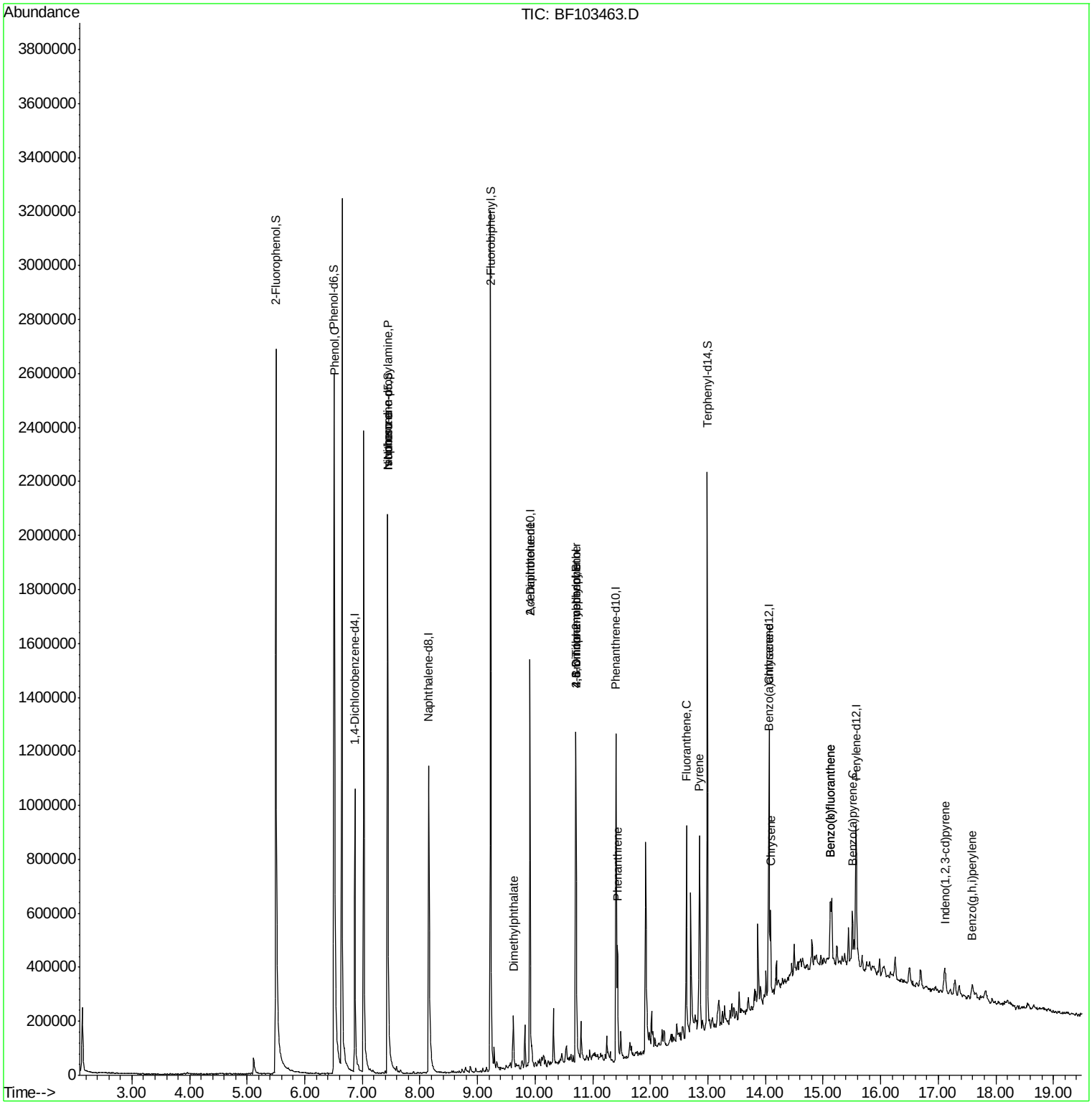
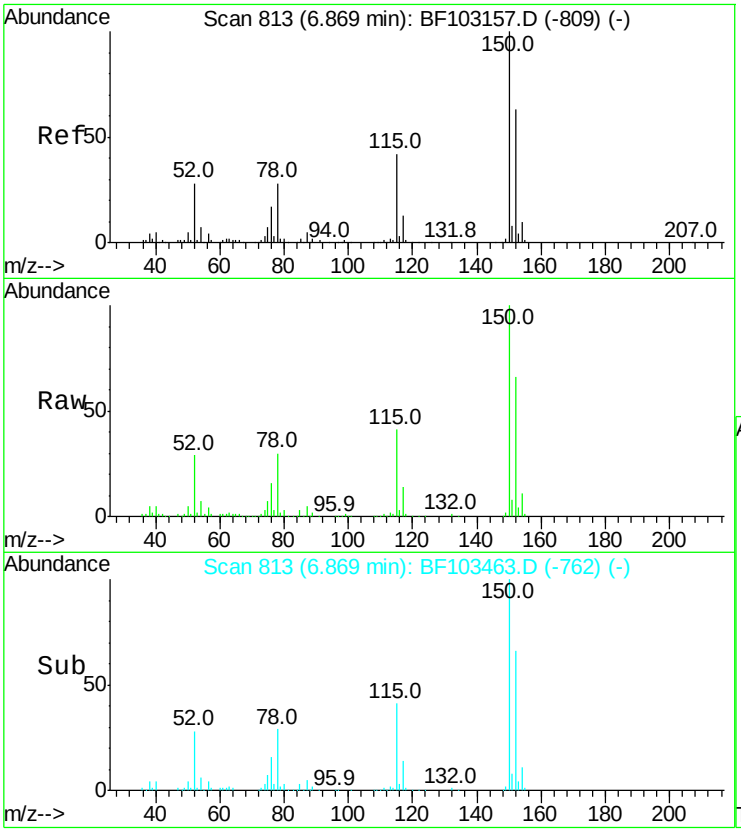


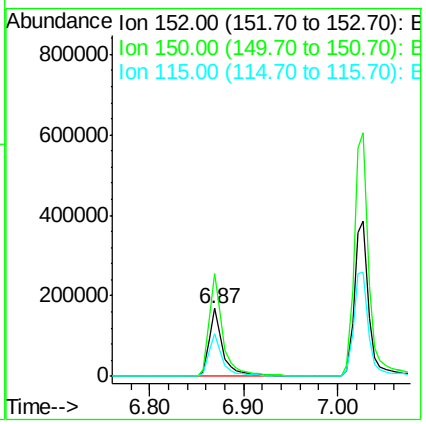


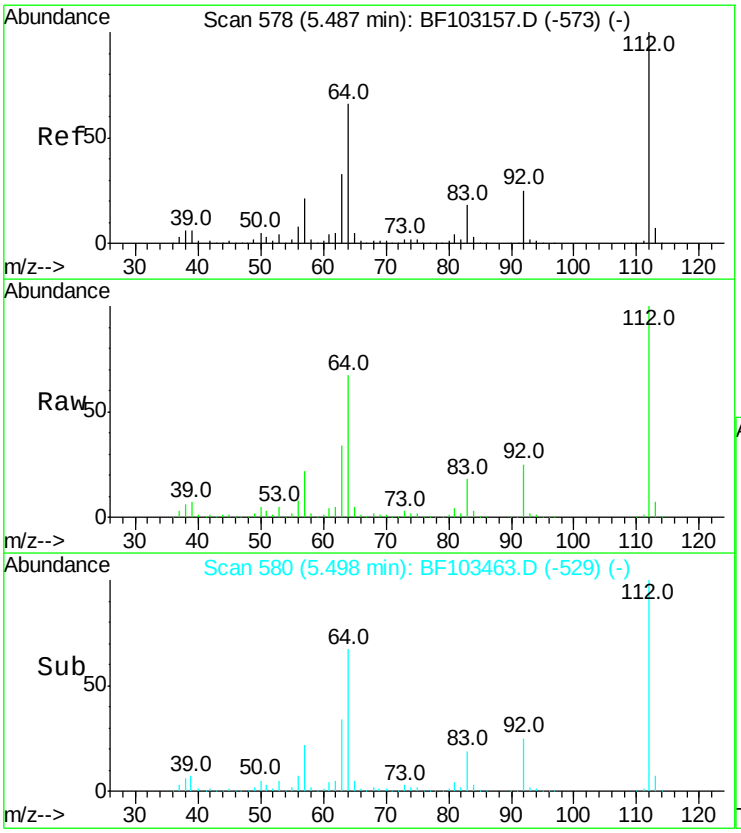
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 176582

Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	62.6	50.1	75.1

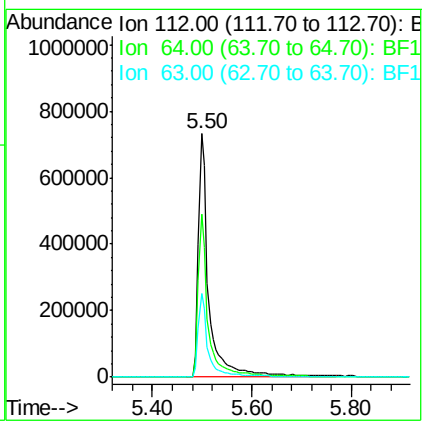


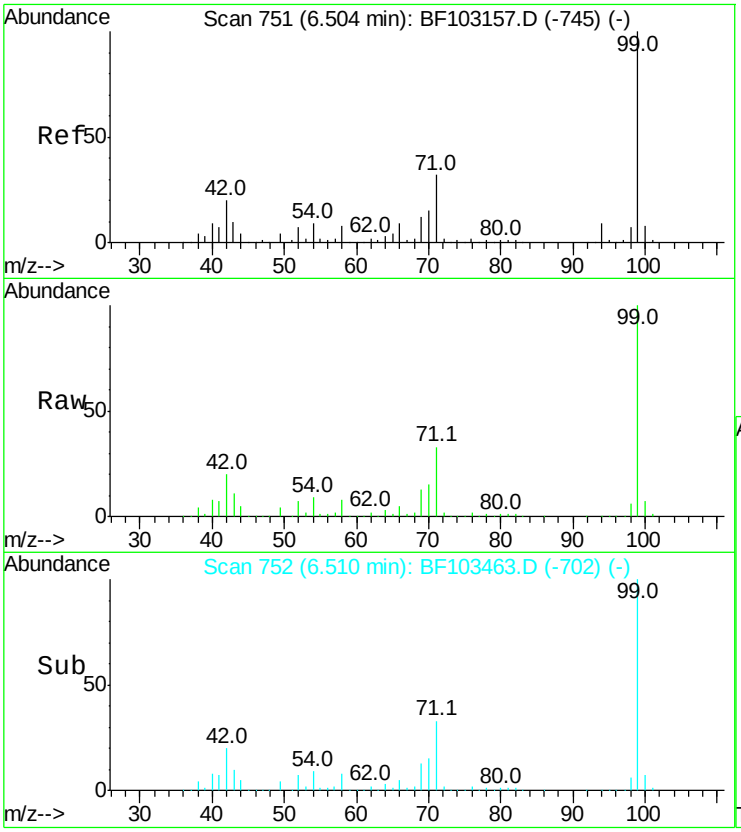


#5
2-Fluorophenol
Concen: 92.453 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion:112 Resp: 1079425

Ion	Ratio	Lower	Upper
112	100		
64	66.7	47.9	71.9
63	34.3	23.7	35.5



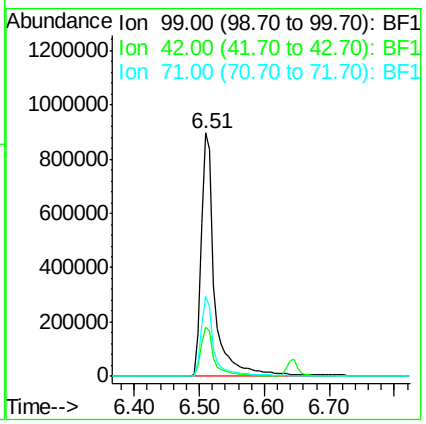


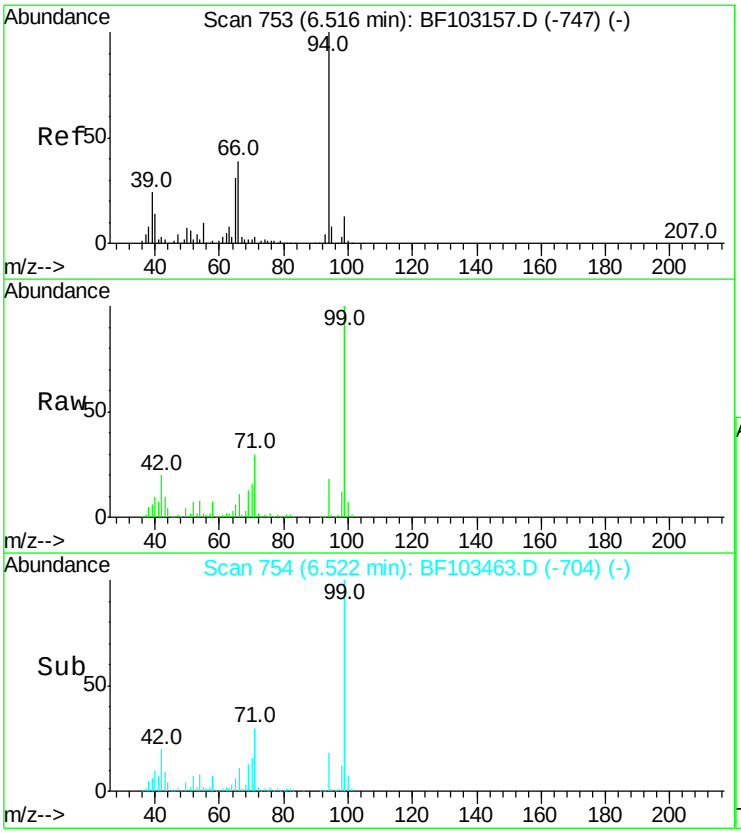
#7
Phenol-d6
Concen: 90.589 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1294212

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	32.6	25.4	38.0

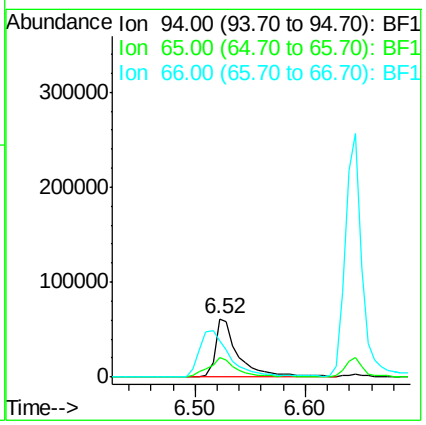


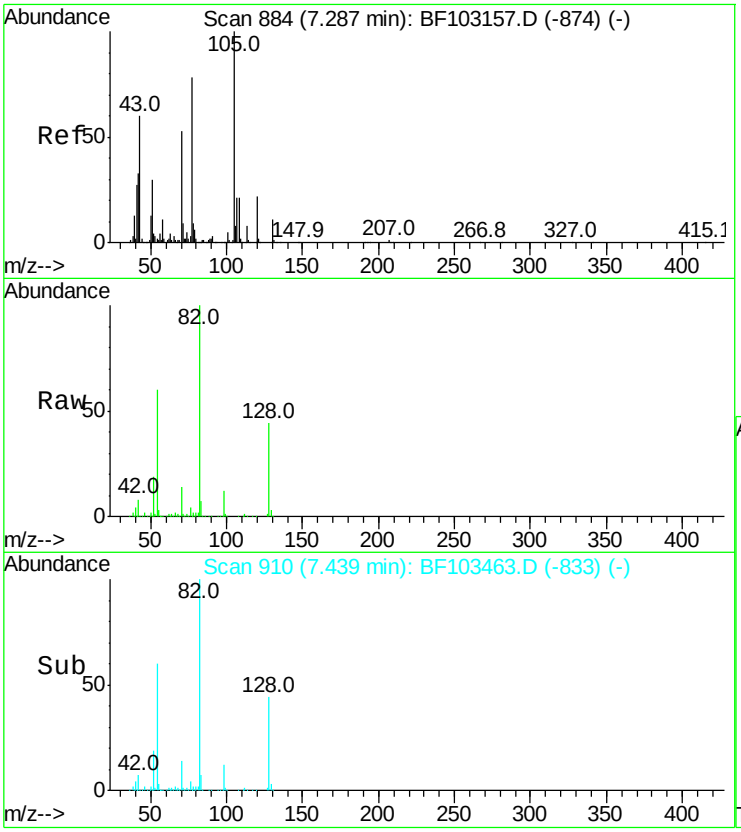


#10
Phenol
Concen: 5.388 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion: 94 Resp: 89368

Ion	Ratio	Lower	Upper
94	100		
65	34.4	7.9	47.9
66	62.2	16.2	56.2#



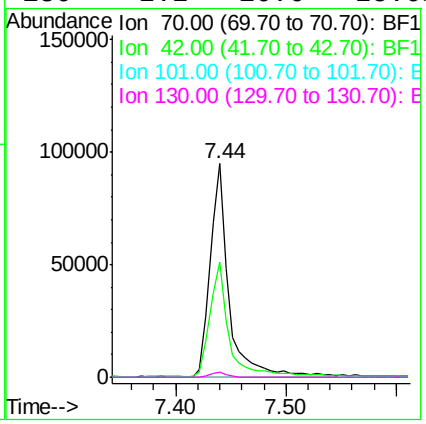


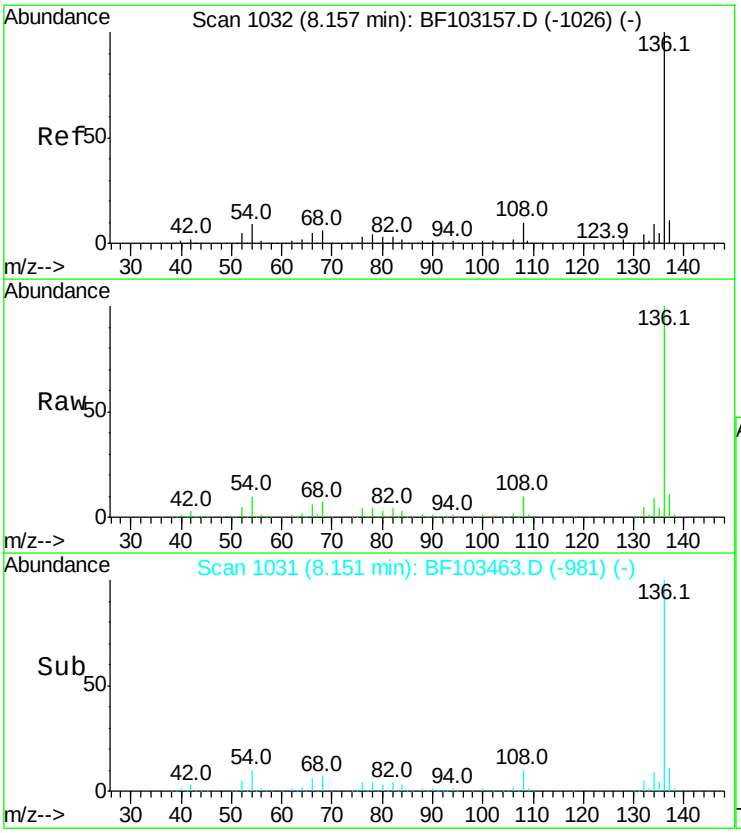
#19
n-Nitroso-di-n-propylamine
Concen: 12.507 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 111203

Ion	Ratio	Lower	Upper
70	100		
42	54.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

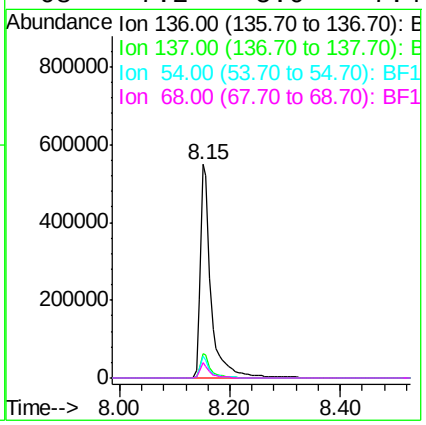


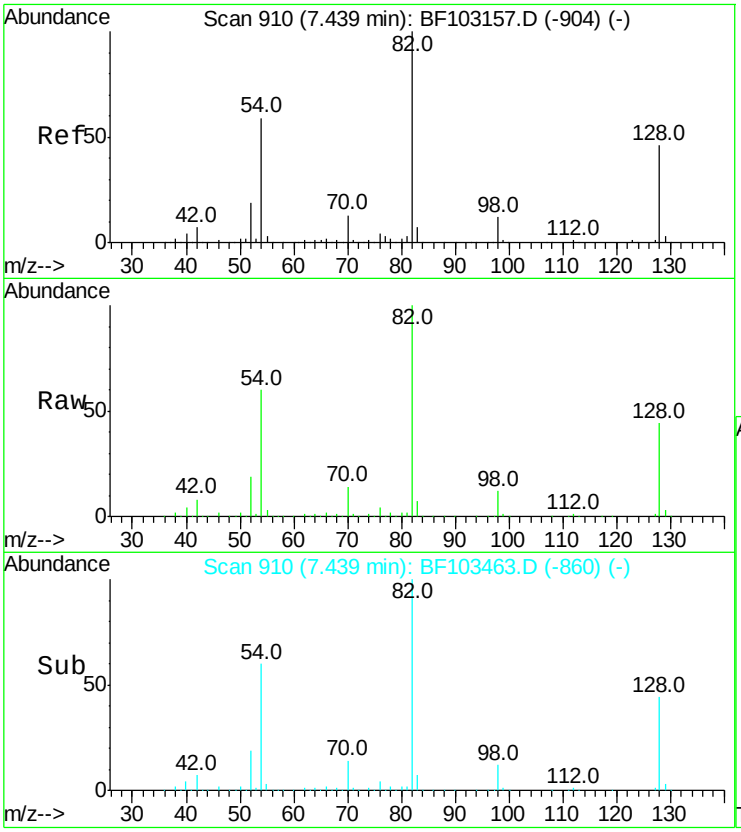


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion:136 Resp: 731627

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	10.0	6.6	9.8#
68	7.2	5.0	7.4



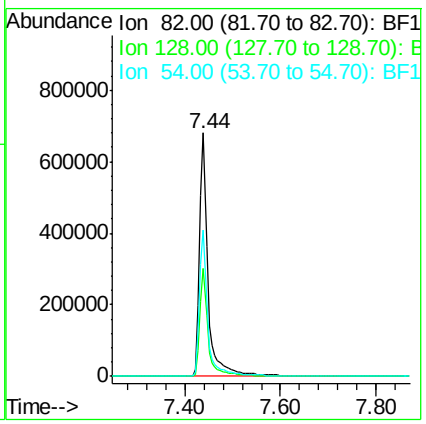


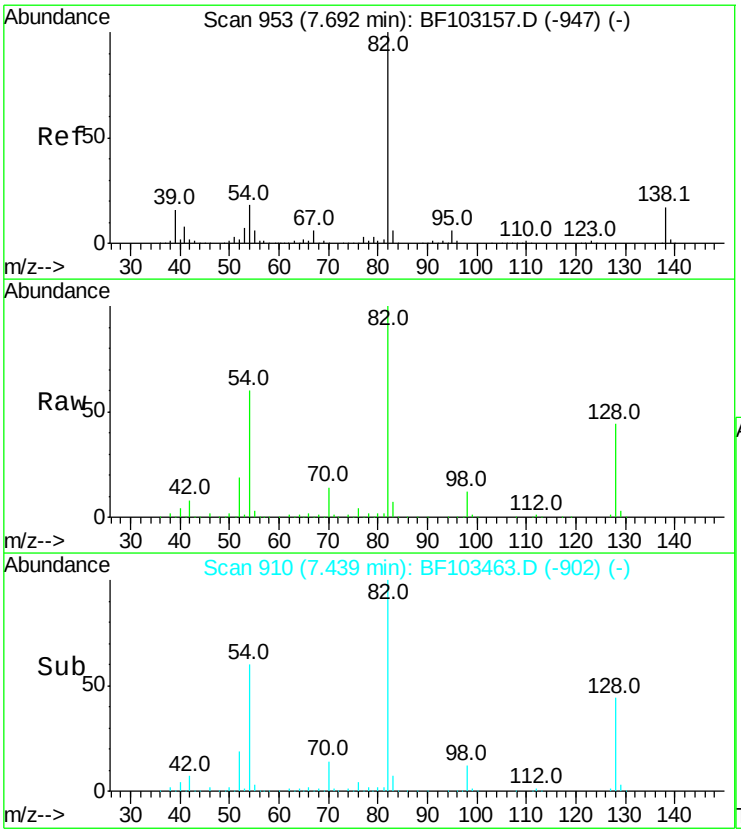
#23
Nitrobenzene-d5
Concen: 65.516 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 839344

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	60.0	41.4	62.2

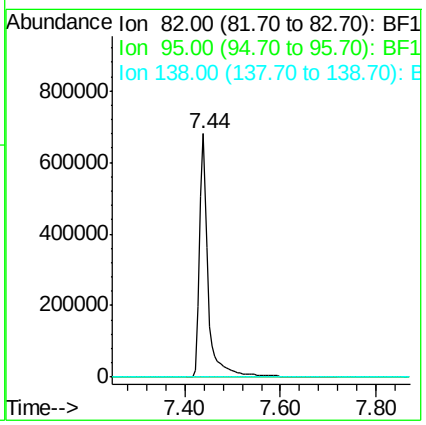


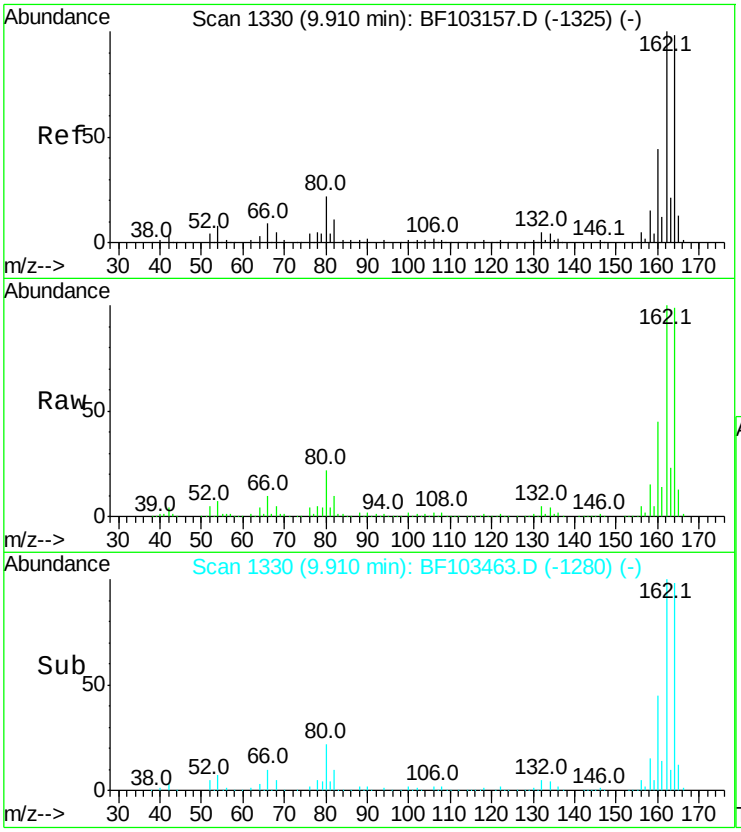


#25
Isophorone
Concen: 33.265 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.25 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion: 82 Resp: 839344

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



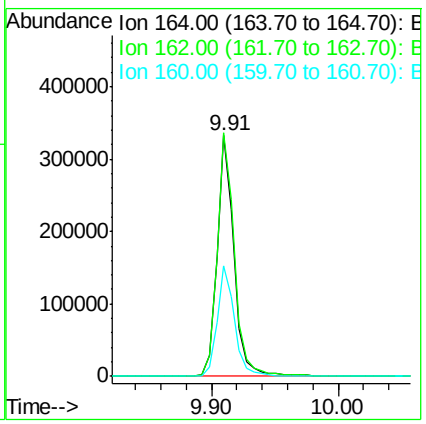


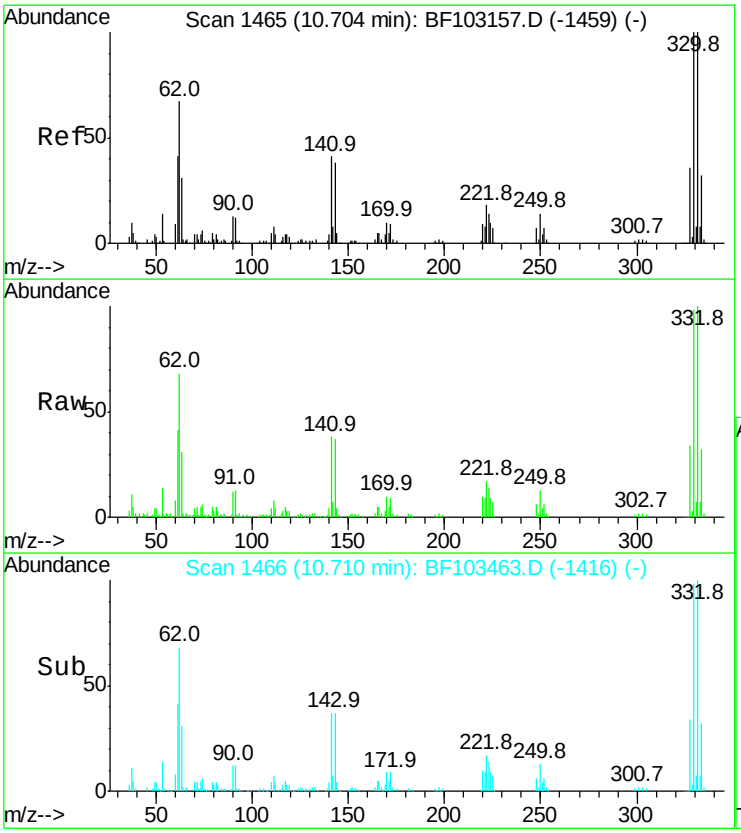
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 311179

Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	45.9	38.3	57.5

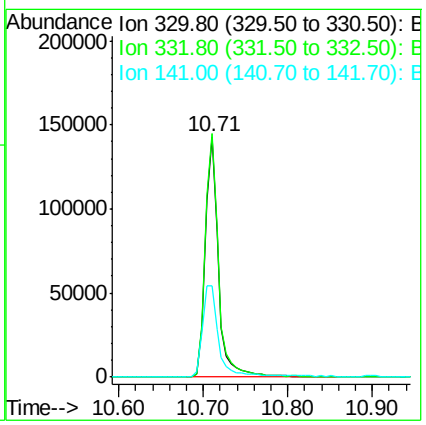


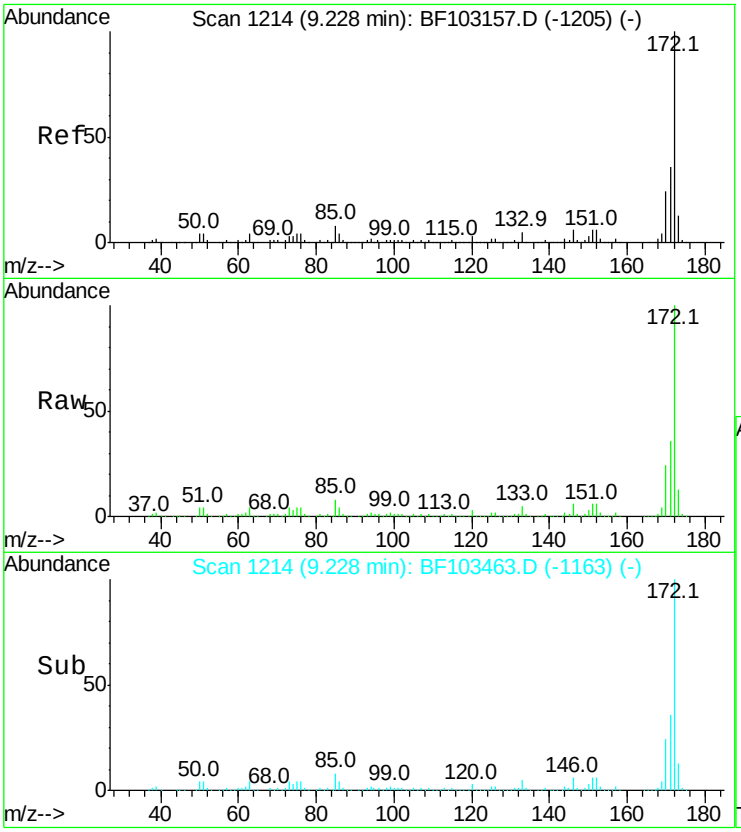


#41
2,4,6-Tribromophenol
Concen: 59.394 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion:330 Resp: 156442

Ion	Ratio	Lower	Upper
330	100		
332	103.1	77.0	115.6
141	45.9	29.9	44.9#



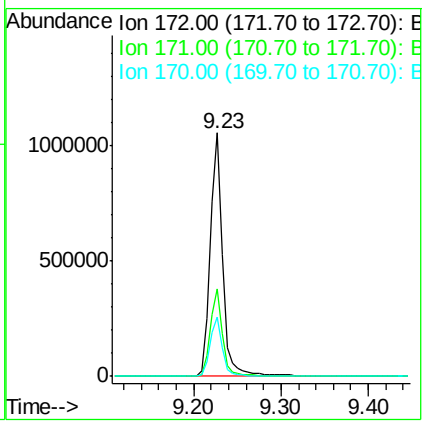


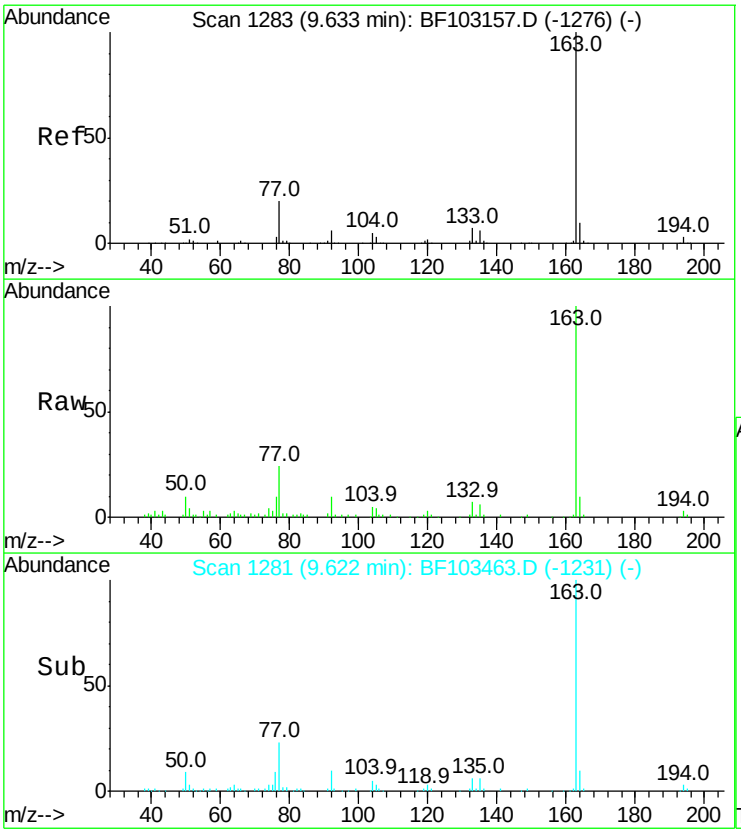
#44
2-Fluorobiphenyl
Concen: 52.798 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1047813

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	24.4	19.6	29.4

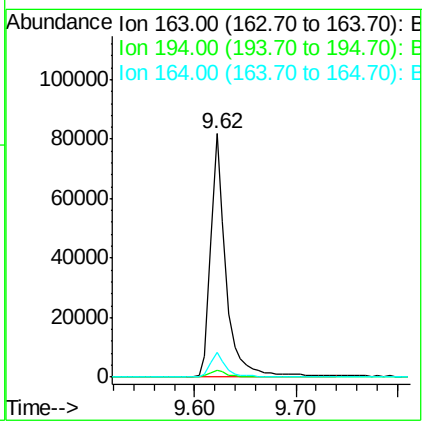


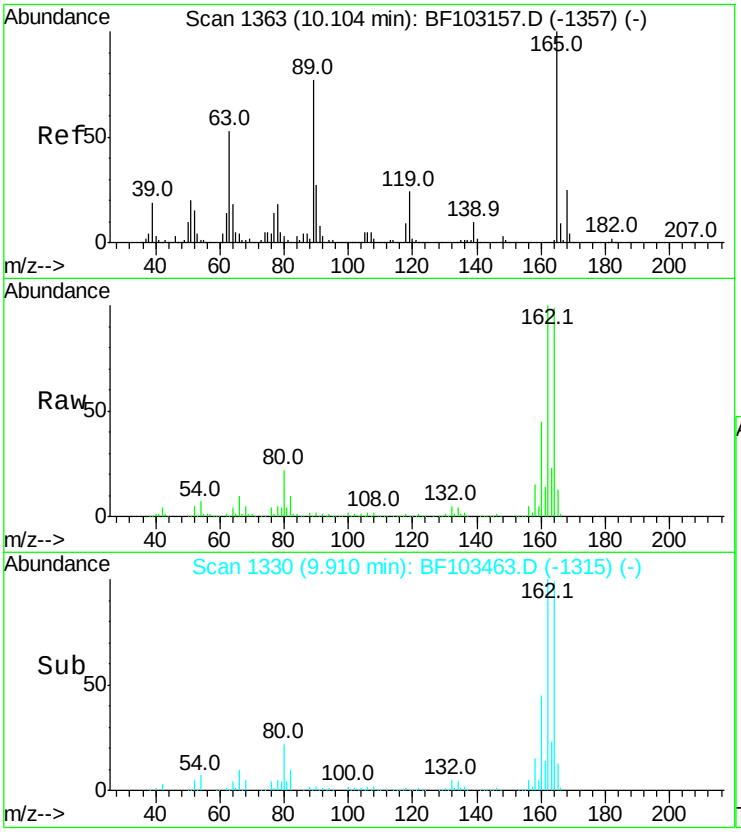


#49
Dimethylphthalate
Concen: 3.467 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion:163 Resp: 86547

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.7	4.1
164	10.2	8.2	12.2



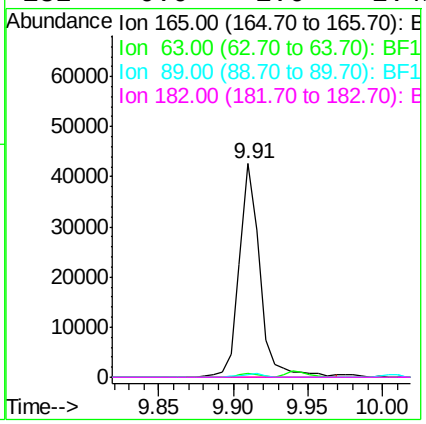


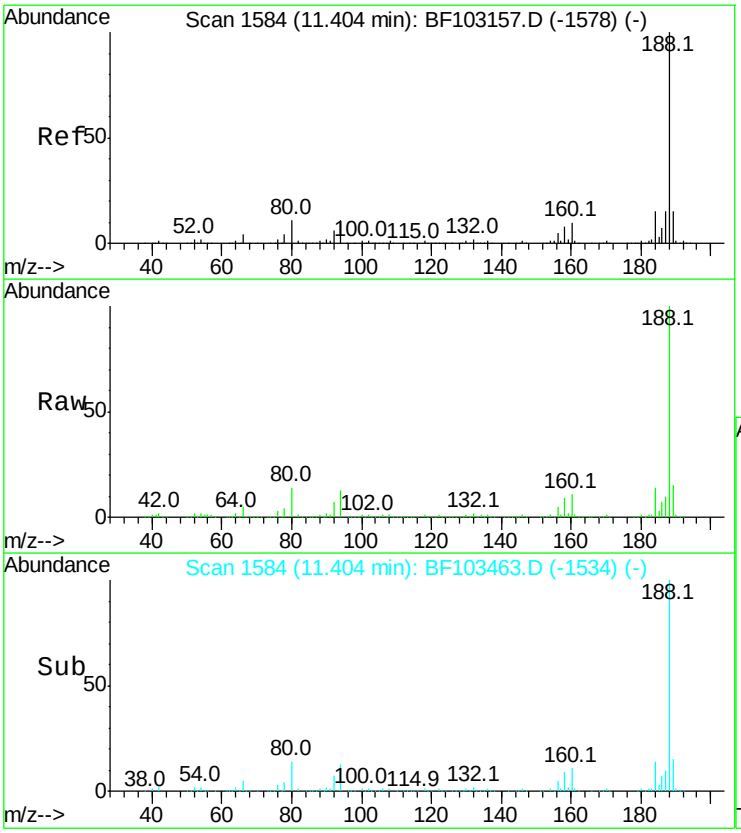
#56
2,4-Dinitrotoluene
Concen: 6.234 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.21 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 41300

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

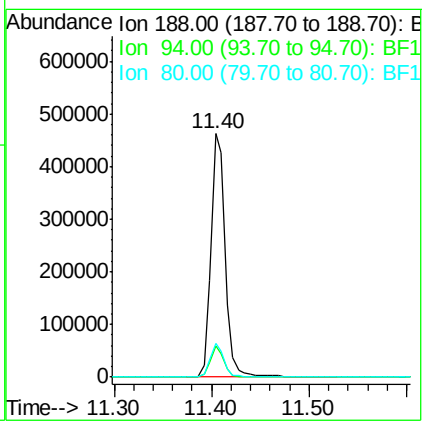


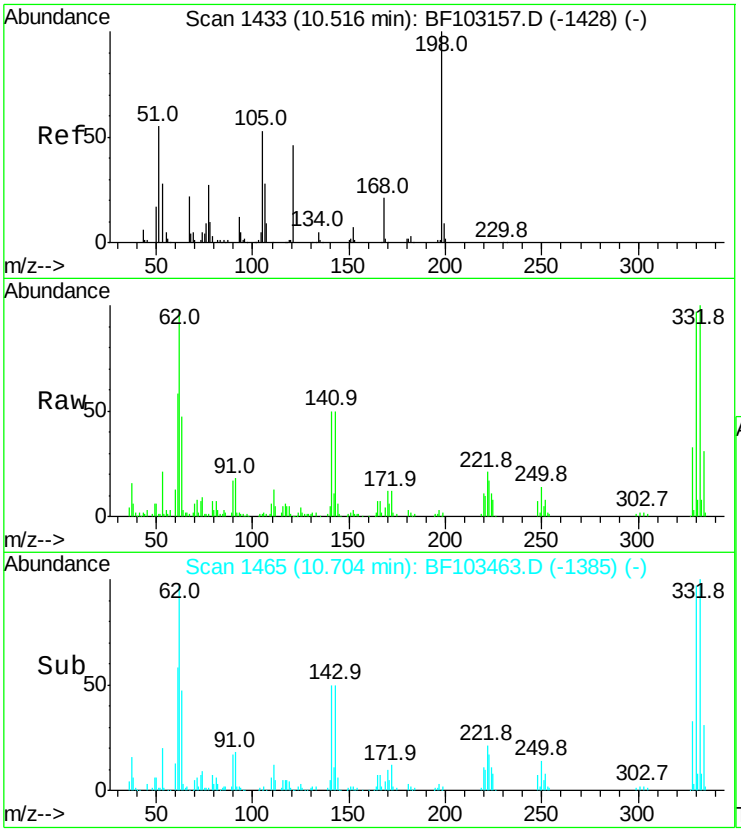


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion:188 Resp: 467292

Ion	Ratio	Lower	Upper
188	100		
94	12.7	8.5	12.7#
80	13.6	9.2	13.8



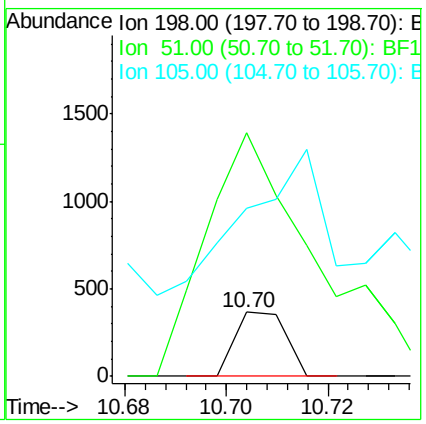


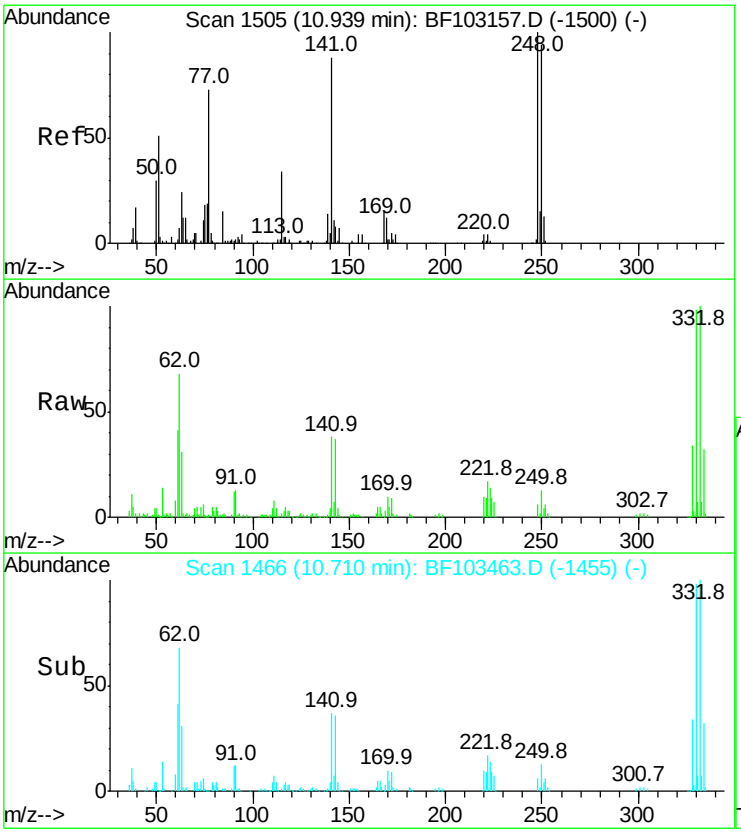
#64
4,6-Dinitro-2-methylphenol
Concen: 5.025 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.17 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 254

Ion	Ratio	Lower	Upper
198	100		
51	381.4	37.7	77.7#
105	263.6	36.3	76.3#

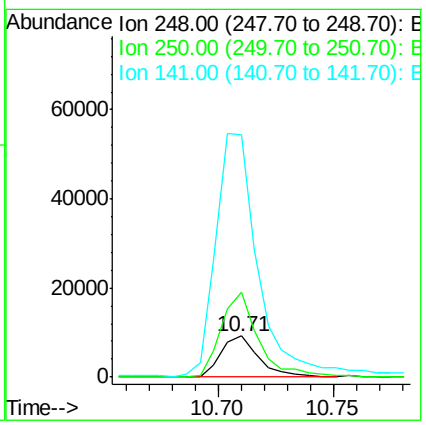


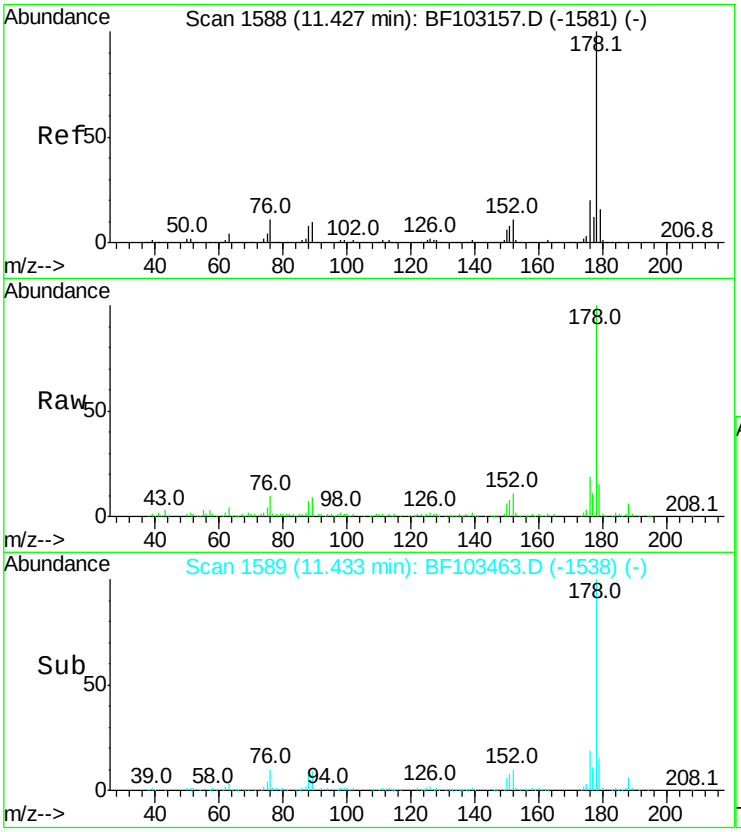


#66
4-Bromophenyl-phenylether
Concen: 2.156 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.24 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion:248 Resp: 10495

Ion	Ratio	Lower	Upper
248	100		
250	208.4	76.9	115.3#
141	592.5	74.4	111.6#



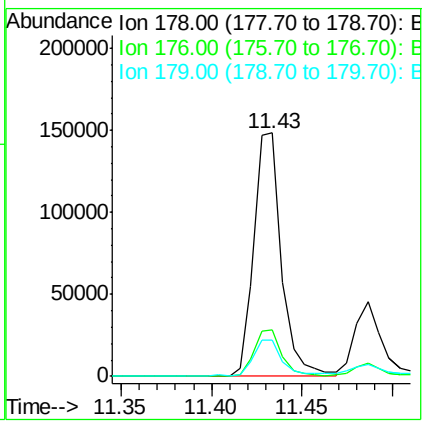


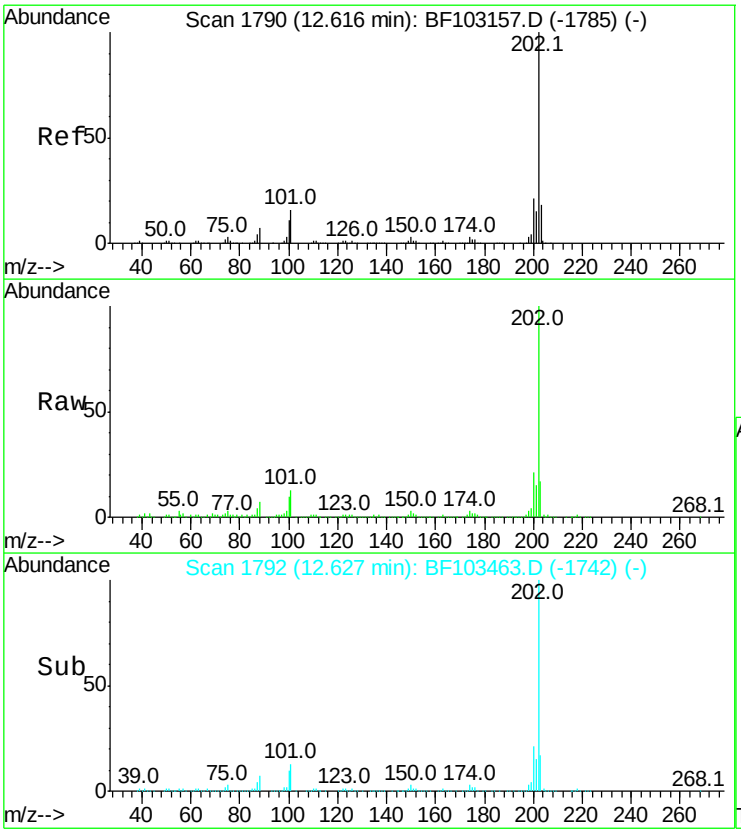
#70
Phenanthrene
Concen: 6.148 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 158098

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.0	13.0	19.6

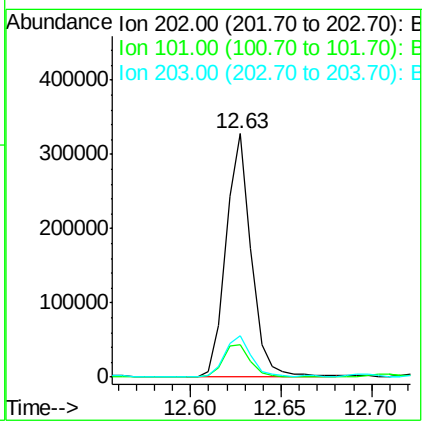


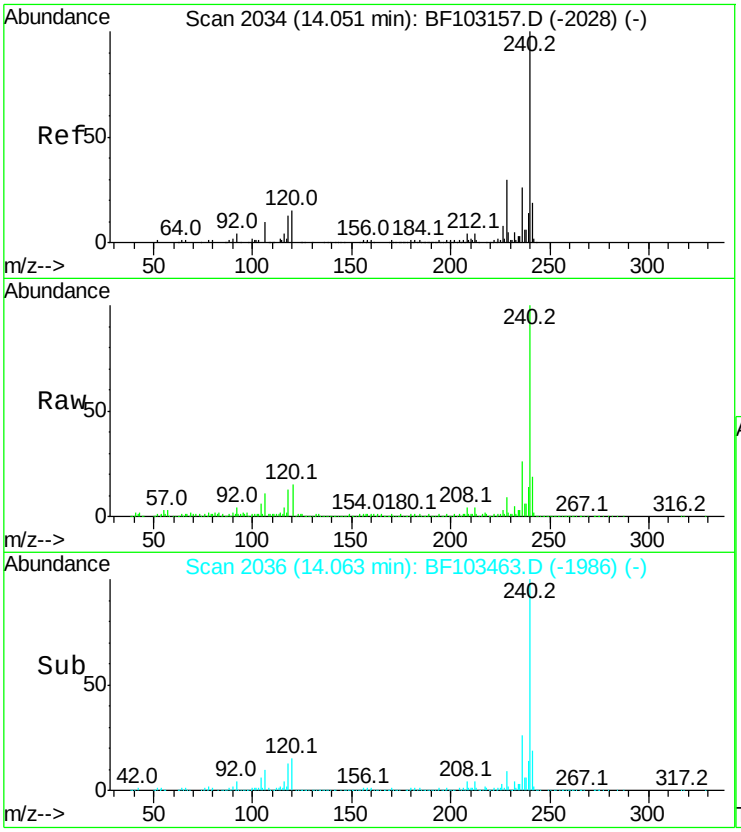


#74
Fluoranthene
Concen: 12.230 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion:202 Resp: 316040

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.1
203	17.2	0.0	38.1



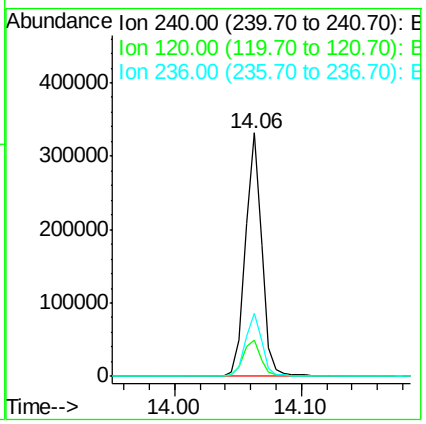


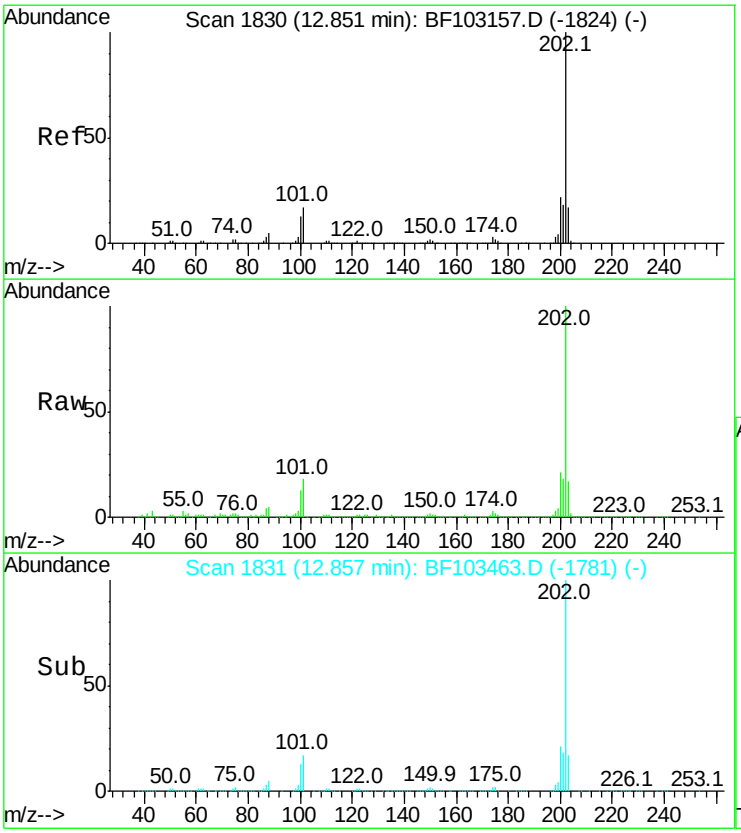
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 292922

Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	25.8	20.7	31.1

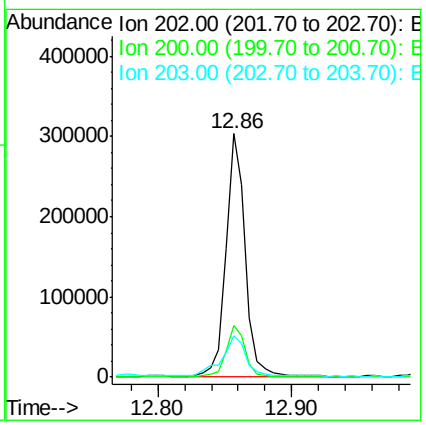


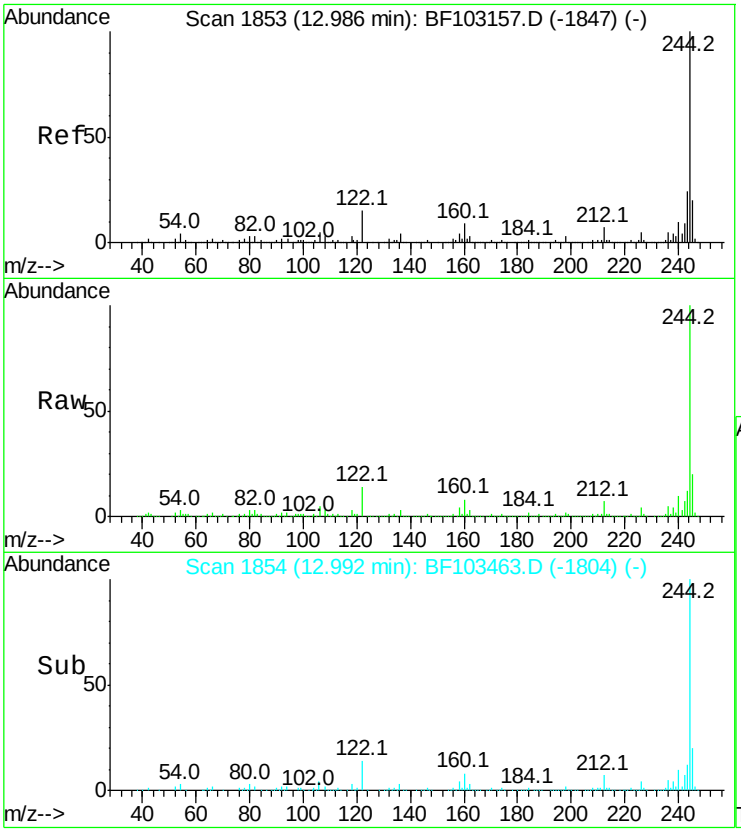


#77
Pyrene
Concen: 13.403 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion:202 Resp: 306095

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.0	14.3	21.5



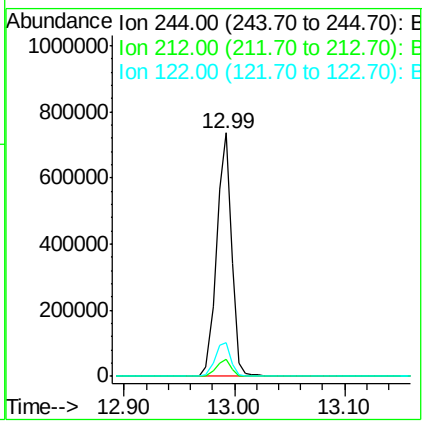


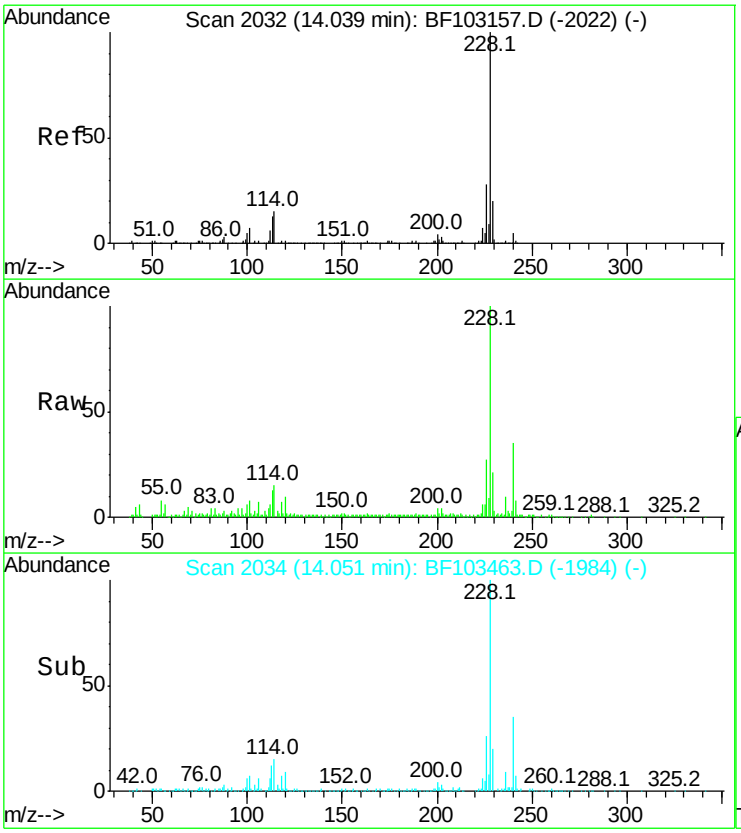
#78
Terphenyl-d14
Concen: 56.676 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 690624

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.0	11.0	16.4

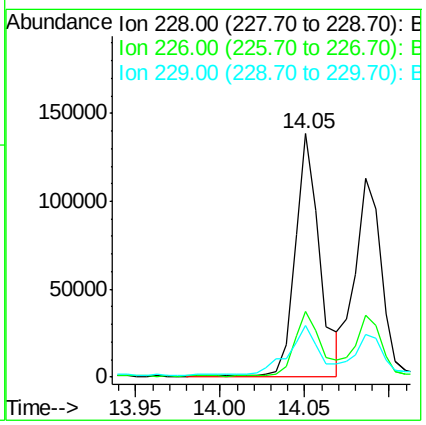


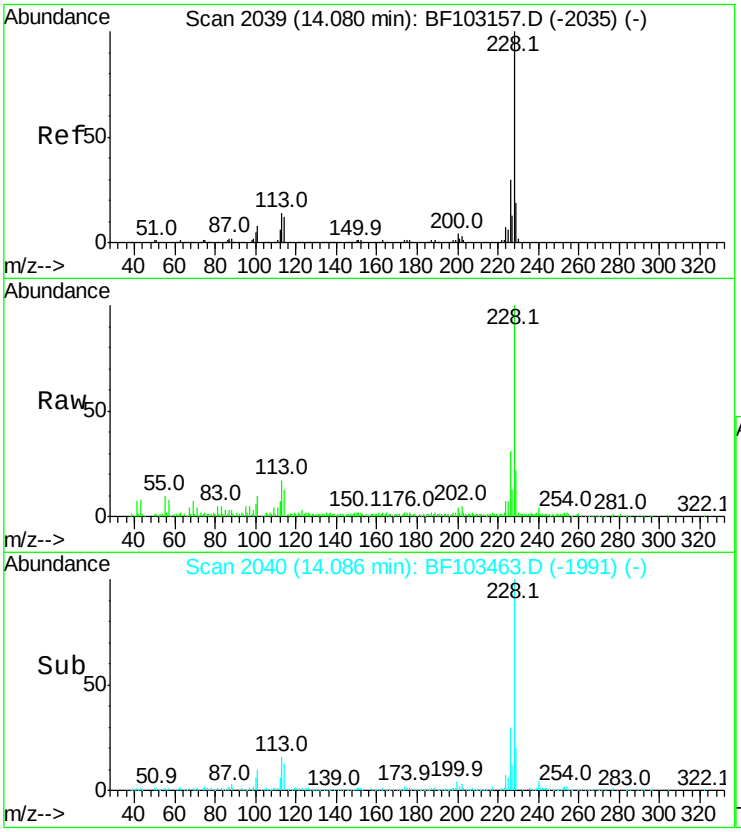


#80
Benzo(a)anthracene
Concen: 7.268 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion:228 Resp: 138143

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



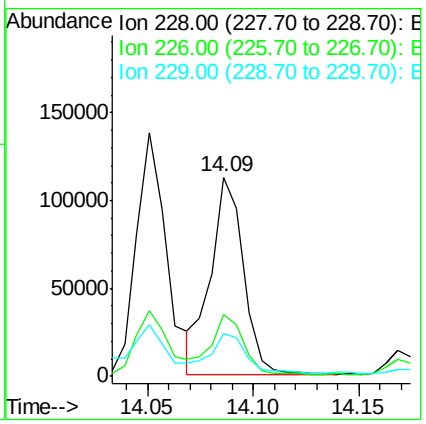


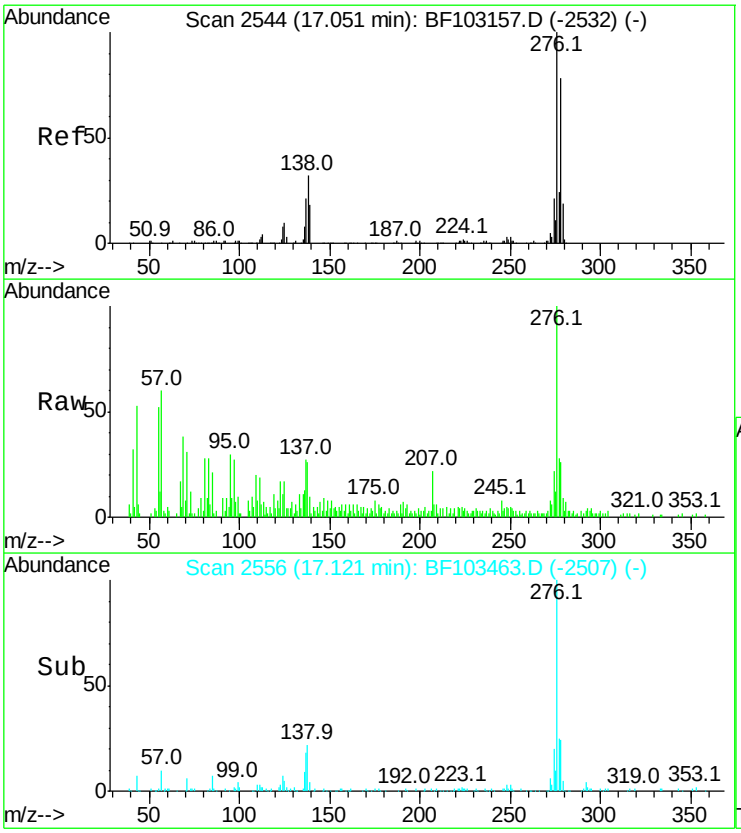
#82
Chrysene
Concen: 6.690 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 123458

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.5	16.2	24.4

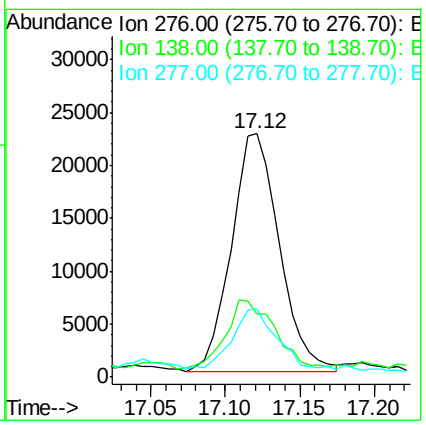


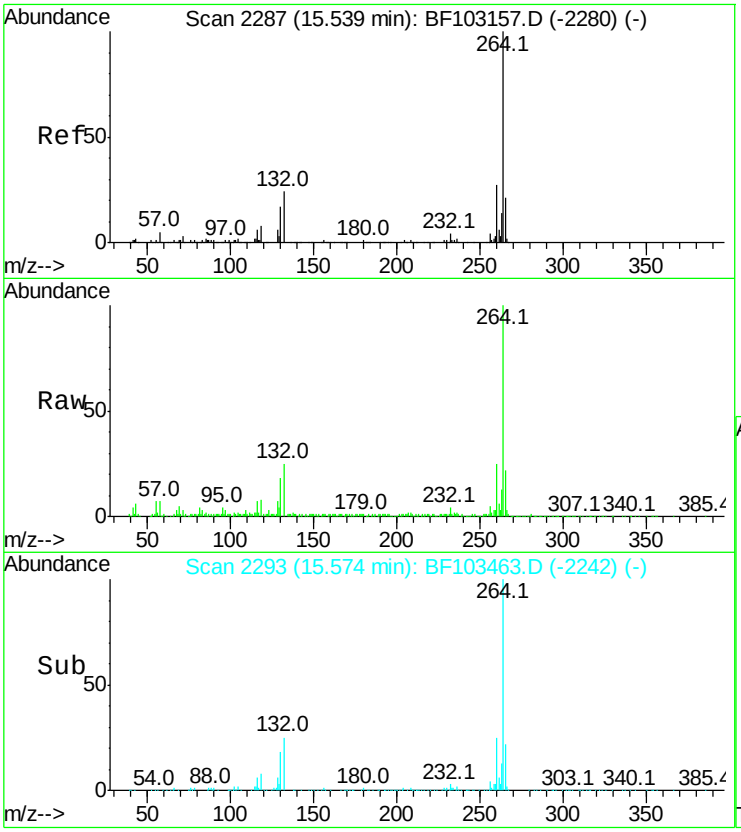


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.430 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion:276 Resp: 50112

Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.0	37.6
277	23.8	20.1	30.1



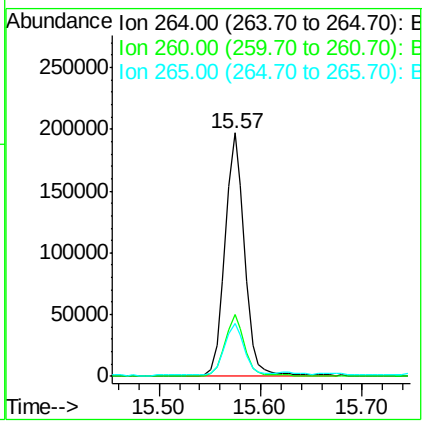


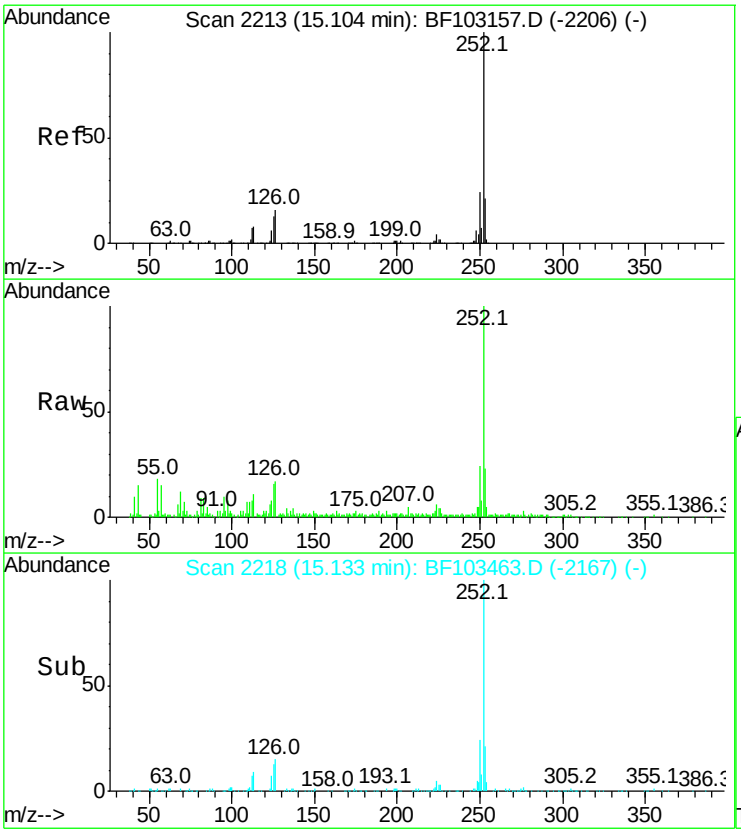
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 261705

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	22.0	17.5	26.3

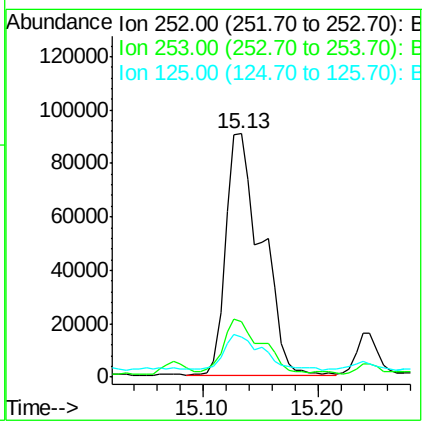


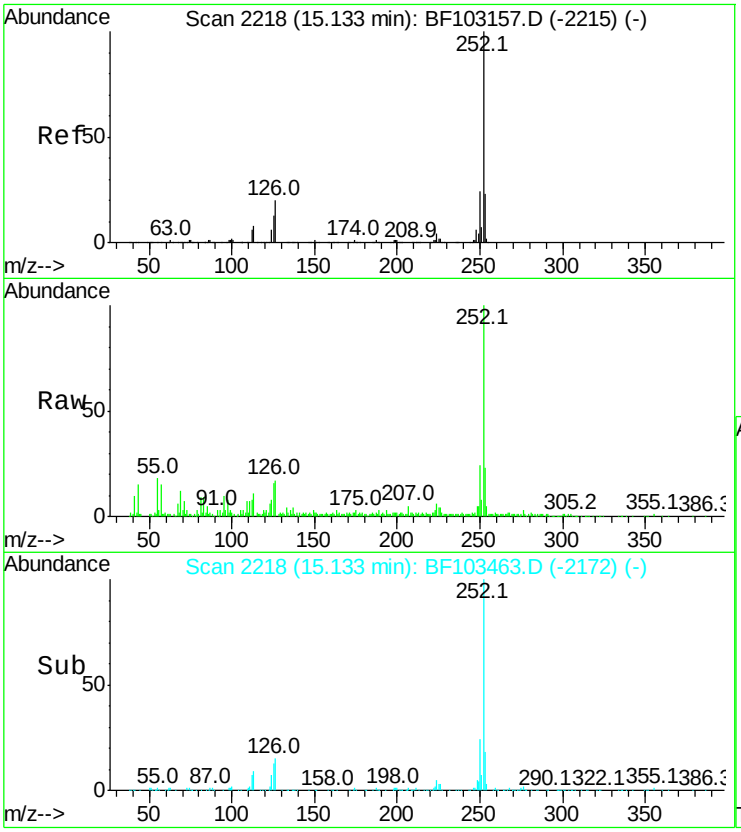


#87
Benzo(b)fluoranthene
Concen: 11.288 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion:252 Resp: 194237

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	16.4	9.0	13.6#



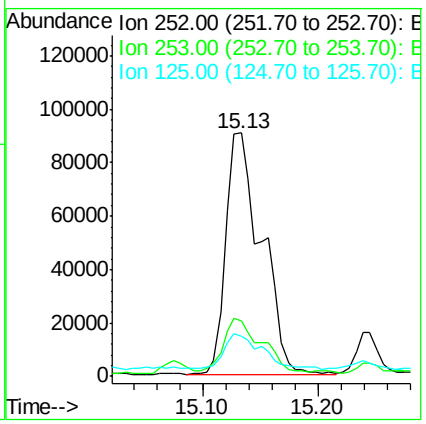


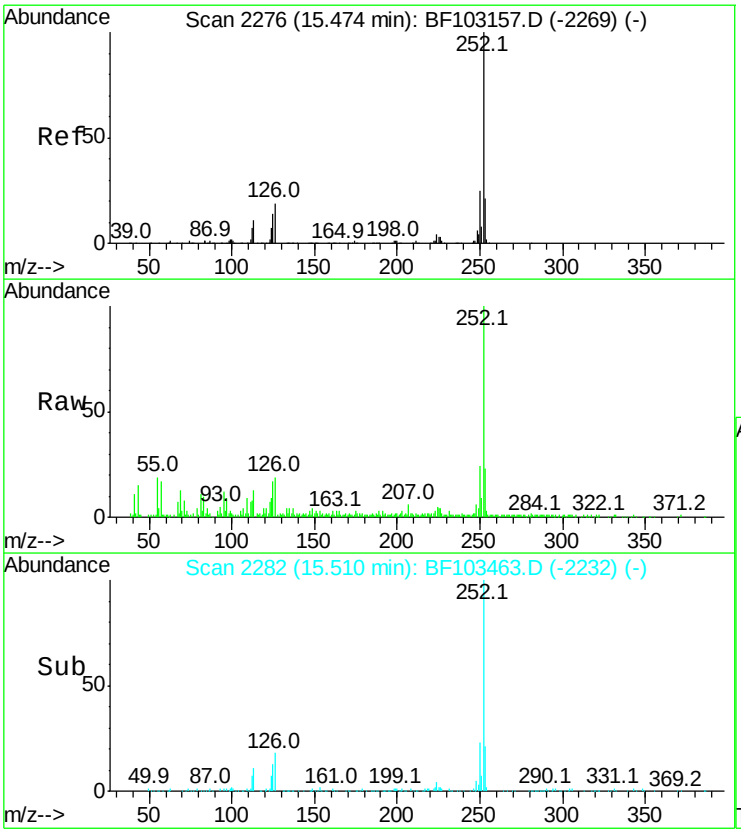
#88
Benzo(k)fluoranthene
Concen: 11.988 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 194237

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	16.4	10.2	15.2#

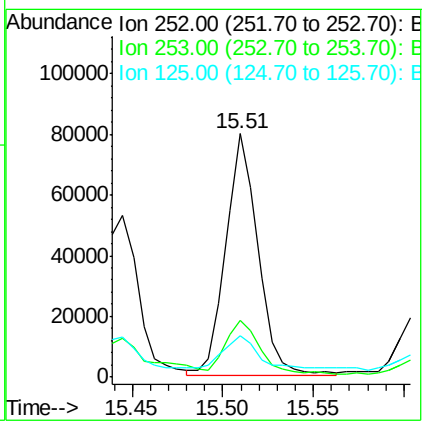


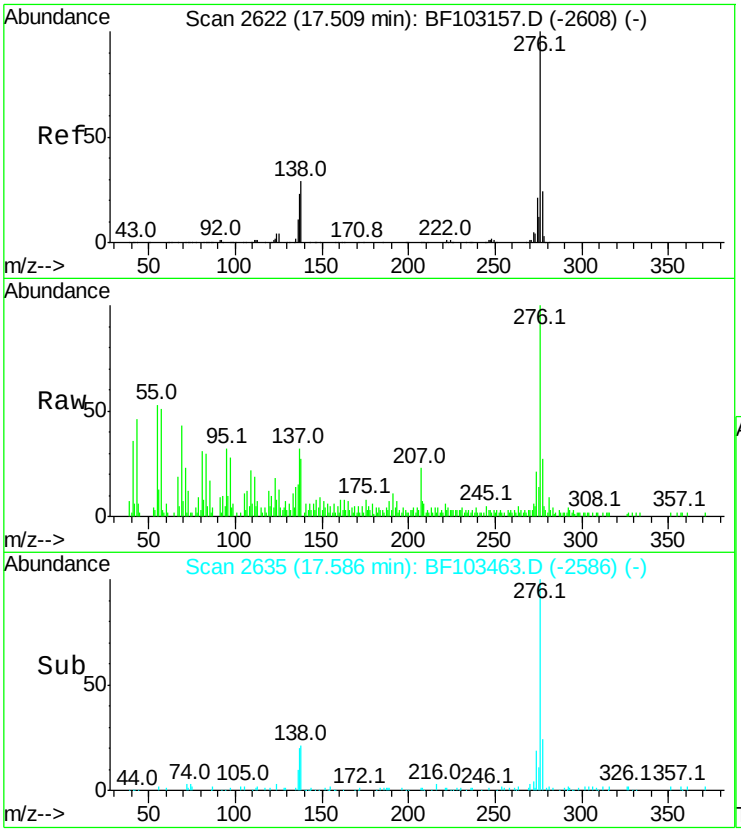


#89
Benzo(a)pyrene
Concen: 6.419 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Tgt Ion:252 Resp: 98634

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	17.0	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 4.232 ng
RT: 17.59 min Scan# 2635
Delta R.T. -0.01 min
Lab File: BF103463.D
Acq: 6 Mar 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 49105

Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.9	26.9
138	27.5	21.8	32.8