Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103525.D
Acq On : 8 Mar 2018 19:09
Operator : SJ/JU
Sample : J1820-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 08 23:52:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 08 14:20:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	146699	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	620897	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	231560	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	345443	20.00	ng		0.00
75) Chrysene-d12	14.06	240	239515	20.00	ng		0.00
86) Perylene-d12	15.56	264	207474	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	979496	100.98	ng		0.00
7) Phenol-d6	6.50	99	1200169	101.12	ng		0.00
23) Nitrobenzene-d5	7.43	82	821778	75.58	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	168292	85.86	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1071548	78.20	ng		0.00
78) Terphenyl-d14	12.99	244	671091	67.35	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.50	77	1759	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.43	70	105778	14.320	ng	#	83
25) Isophorone	7.43	82	821778	38.378	ng	#	64
32) Benzoic acid	8.01	122	120	6.930	ng	#	81
50) 2,6-Dinitrotoluene	9.90	165	29193	7.489	ng	#	26
56) 2,4-Dinitrotoluene	9.90	165	29194	5.921	ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.70	198	256	5.055	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	11747	3.264	ng	#	1
70) Phenanthrene	11.43	178	62010	3.262	ng		98
73) Di-n-butylphthalate	11.95	149	363000	14.943	ng		99
74) Fluoranthene	12.62	202	104198	5.454	ng		99
77) Pyrene	12.85	202	97192	5.205	ng		97
80) Benzo(a)anthracene	14.04	228	47910	3.083	ng		97
82) Chrysene	14.09	228	46968	3.113	ng		99
87) Benzo(b)fluoranthene	15.12	252	82632	6.058	ng	#	91
88) Benzo(k)fluoranthene	15.12	252	82632	6.433	ng	#	93
89) Benzo(a)pyrene	15.50	252	39668	3.256	ng	#	93
91) Benzo(g,h,i)perylene	17.59	276	23396	2.543	ng		97

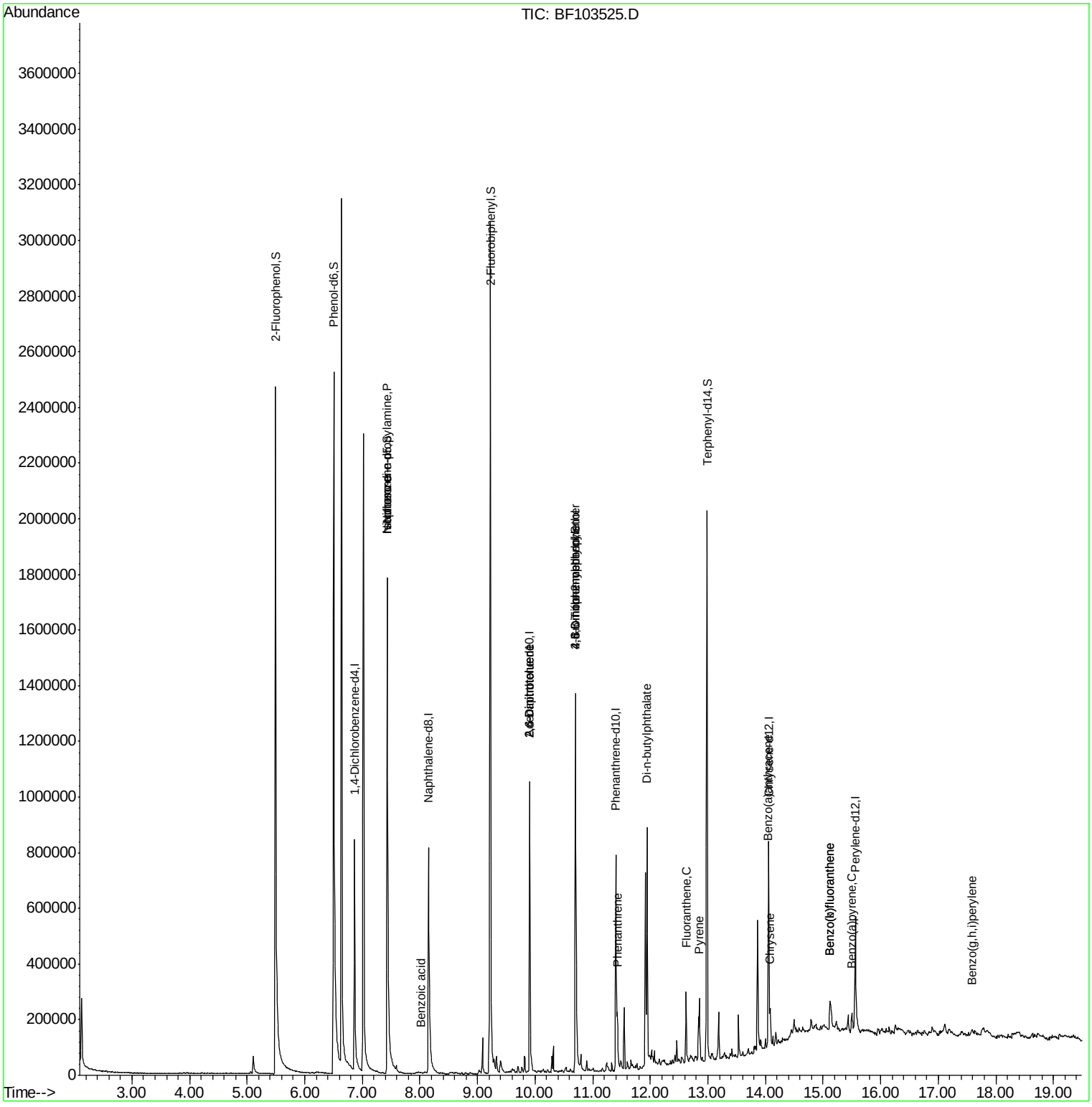
(#) = qualifier out of range (m) = manual integration (+) = signals summed

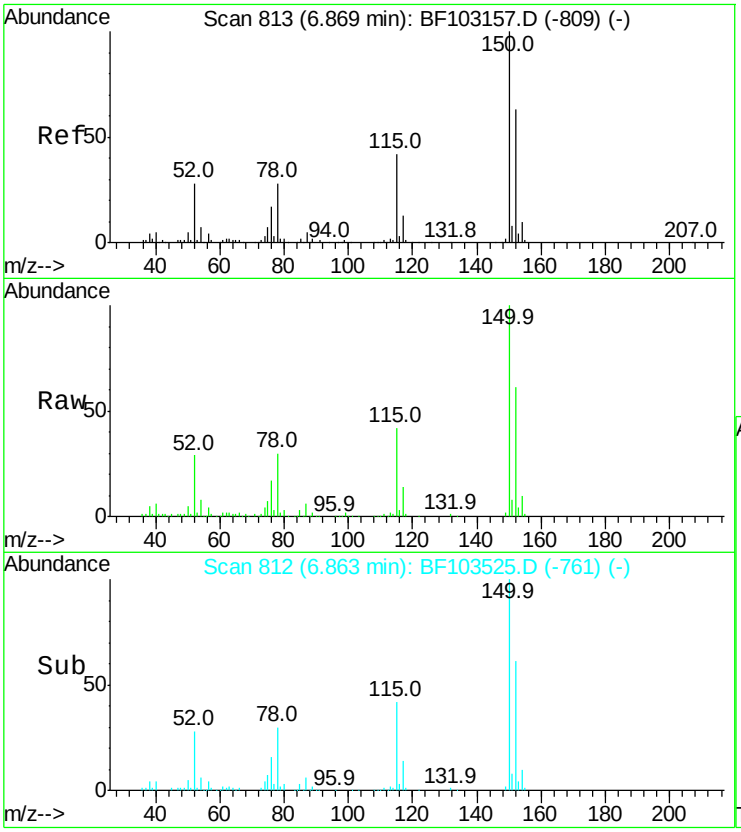
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103525.D
Acq On : 8 Mar 2018 19:09
Operator : SJ/JU
Sample : J1820-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 08 23:52:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 08 14:20:19 2018
Response via : Initial Calibration



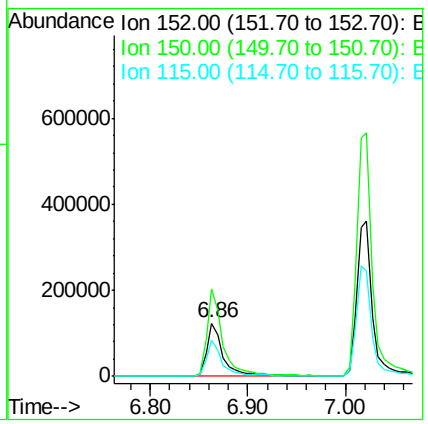


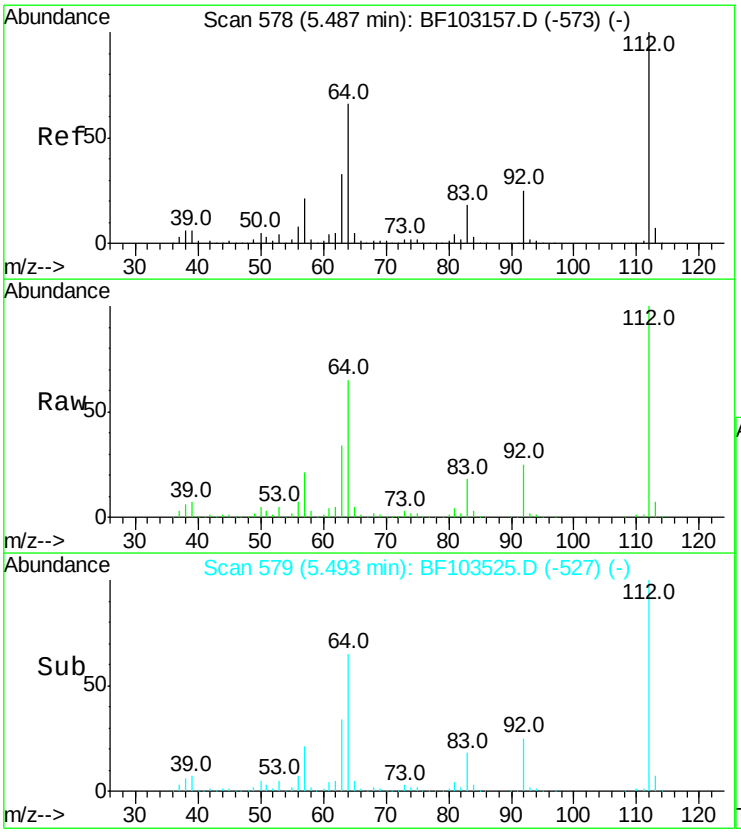
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 146699

Ion	Ratio	Lower	Upper
152	100		
150	164.5	124.6	186.8
115	68.4	50.1	75.1

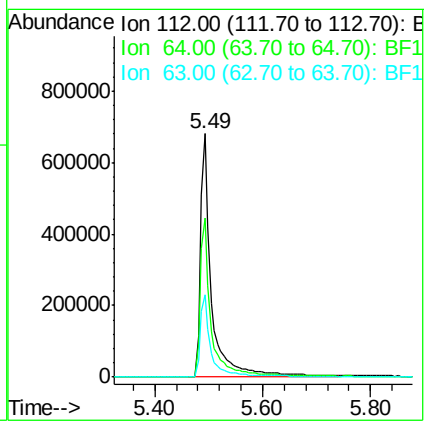


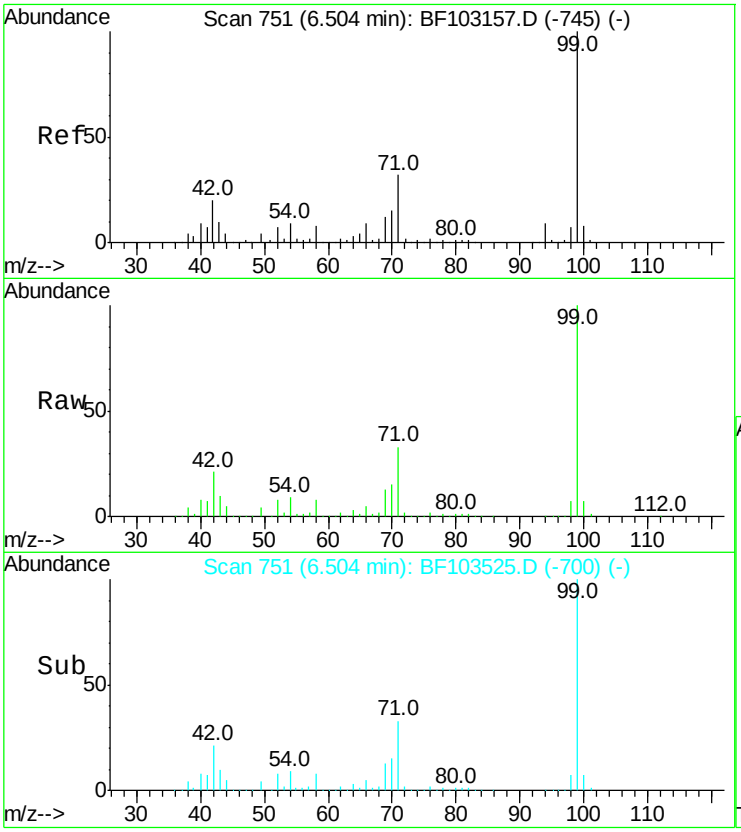


#5
2-Fluorophenol
Concen: 100.983 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Tgt Ion:112 Resp: 979496

Ion	Ratio	Lower	Upper
112	100		
64	65.3	47.9	71.9
63	33.9	23.7	35.5



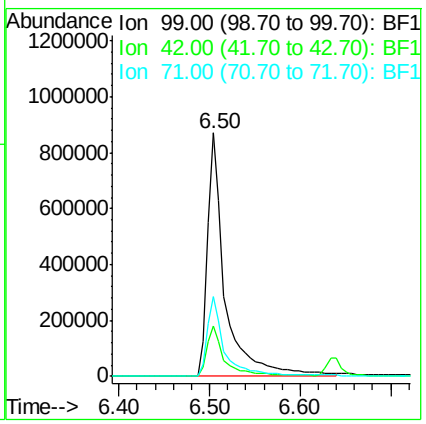


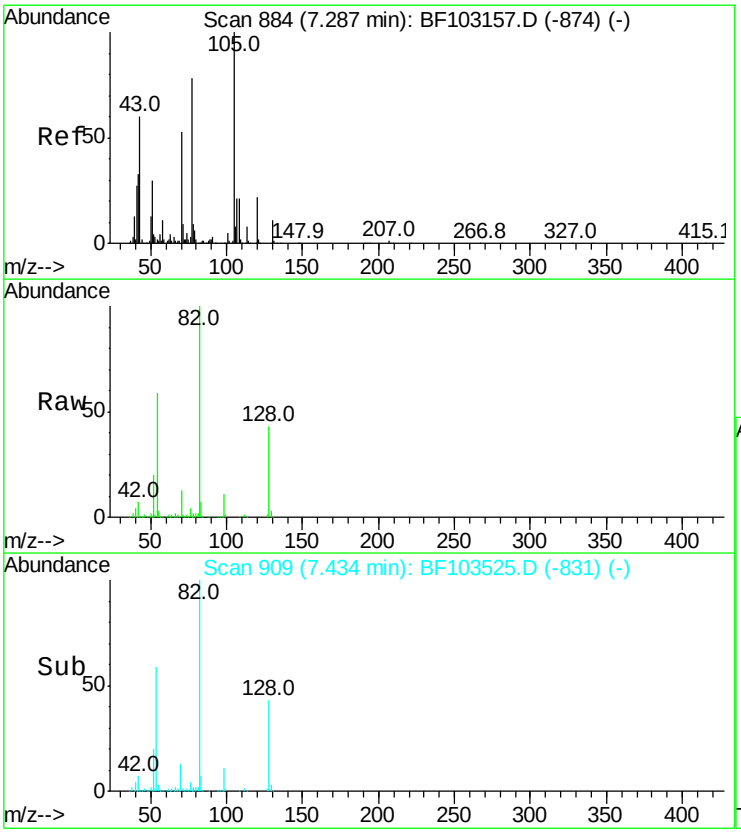
#7
Phenol-d6
Concen: 101.119 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1200169

Ion	Ratio	Lower	Upper
99	100		
42	20.6	14.5	21.7
71	32.8	25.4	38.0

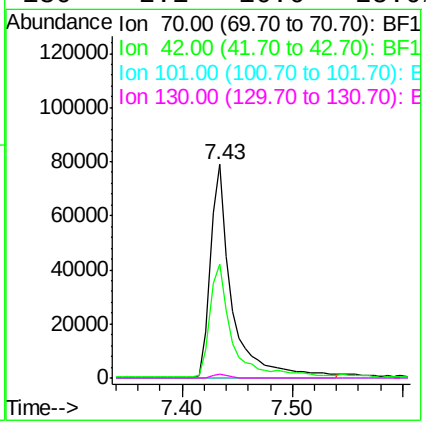


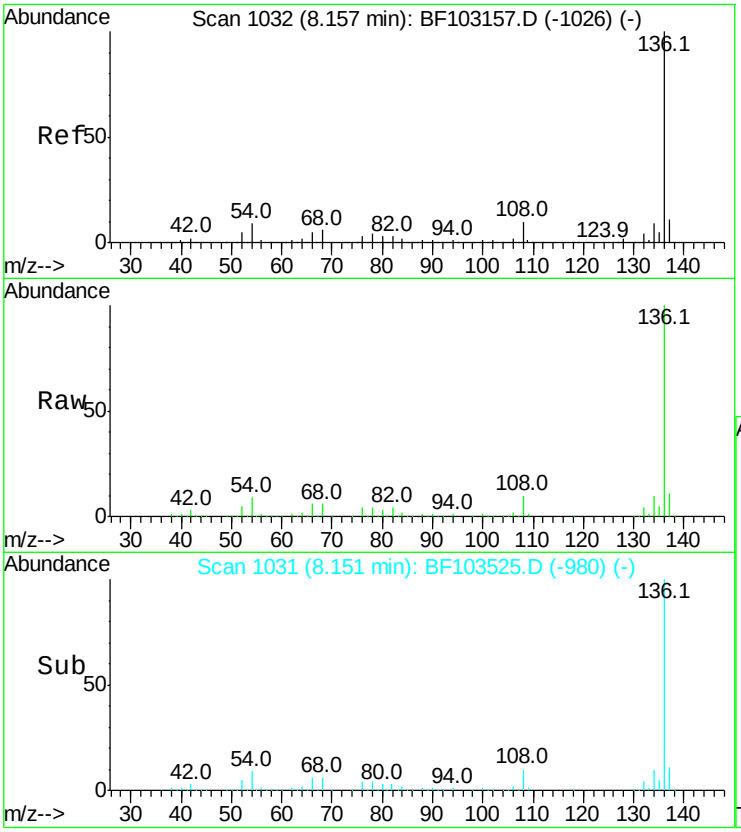


#19
n-Nitroso-di-n-propylamine
Concen: 14.320 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.16 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Tgt Ion: 70 Resp: 105778

Ion	Ratio	Lower	Upper
70	100		
42	53.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



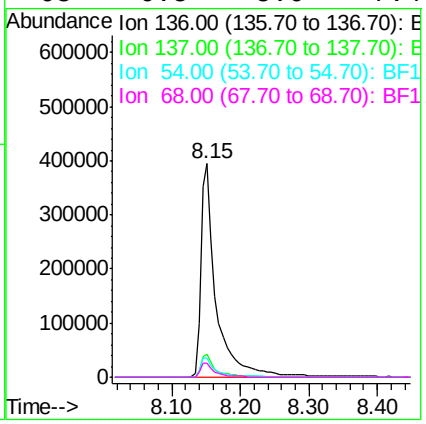


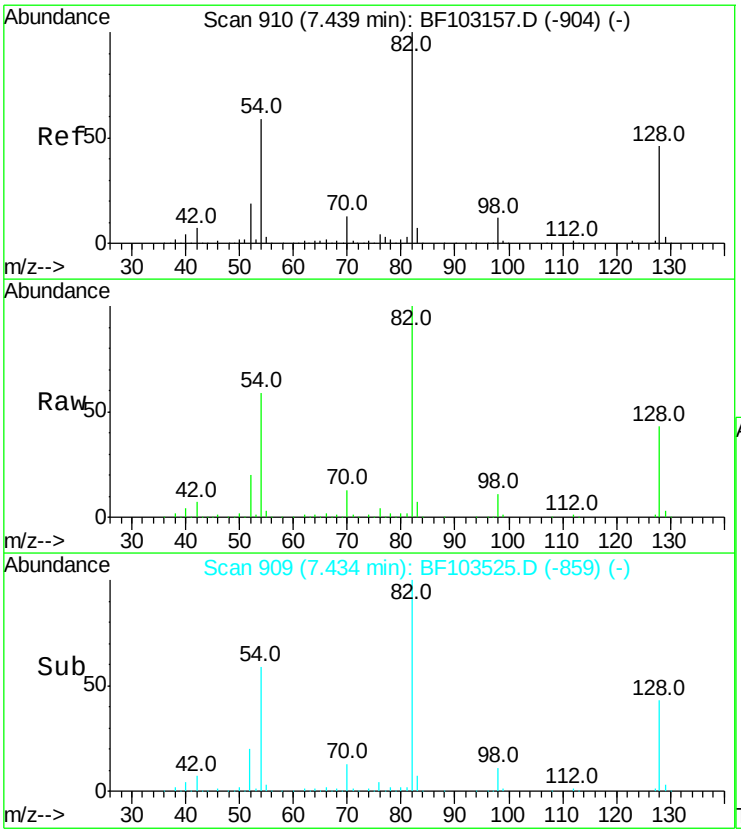
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 620897

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.9	6.6	9.8
68	6.5	5.0	7.4

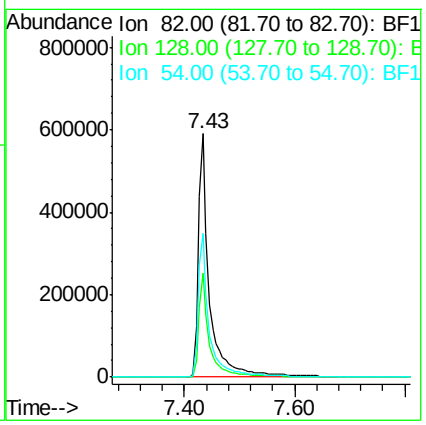


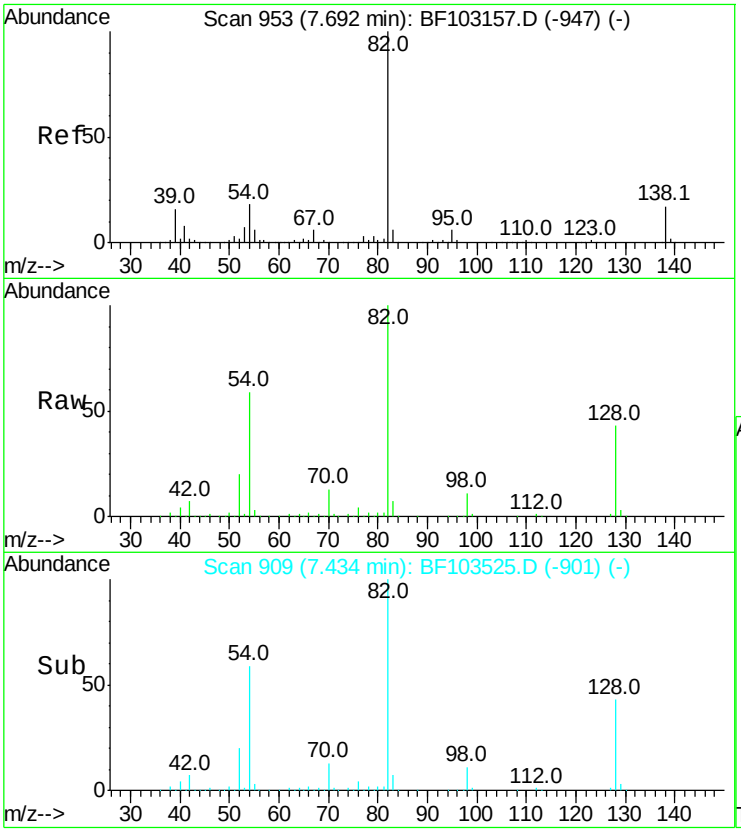


#23
Nitrobenzene-d5
Concen: 75.585 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Tgt Ion: 82 Resp: 821778

Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	59.0	41.4	62.2



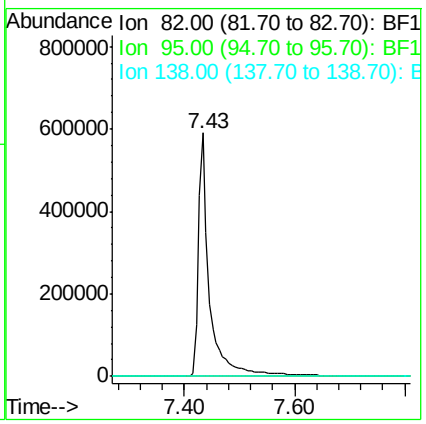


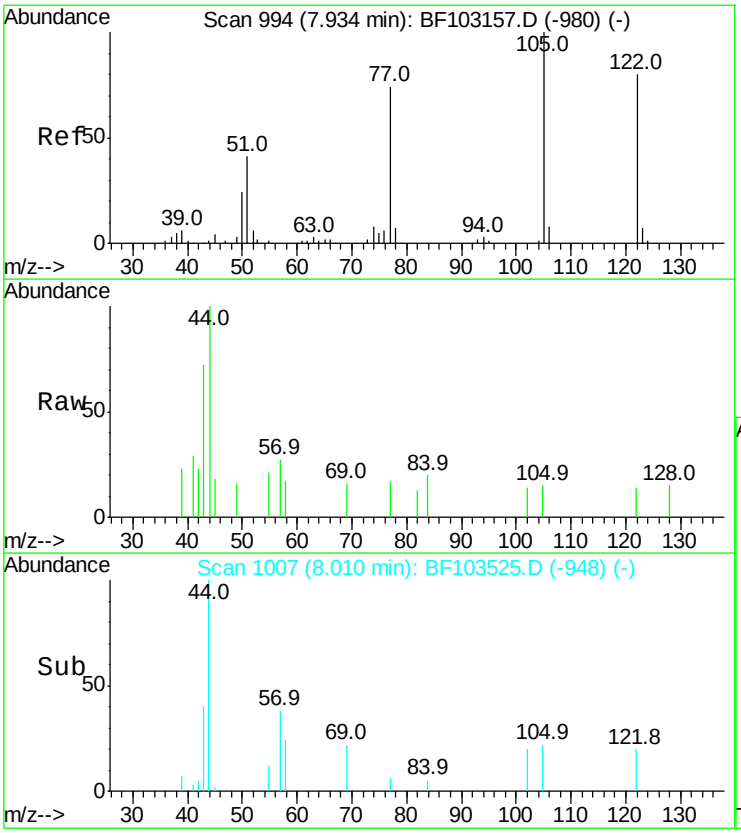
#25
Isophorone
Concen: 38.378 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.25 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 821778

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

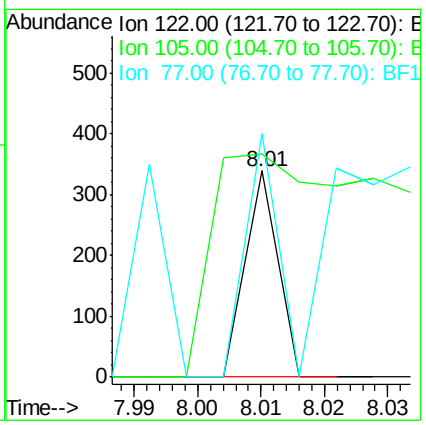


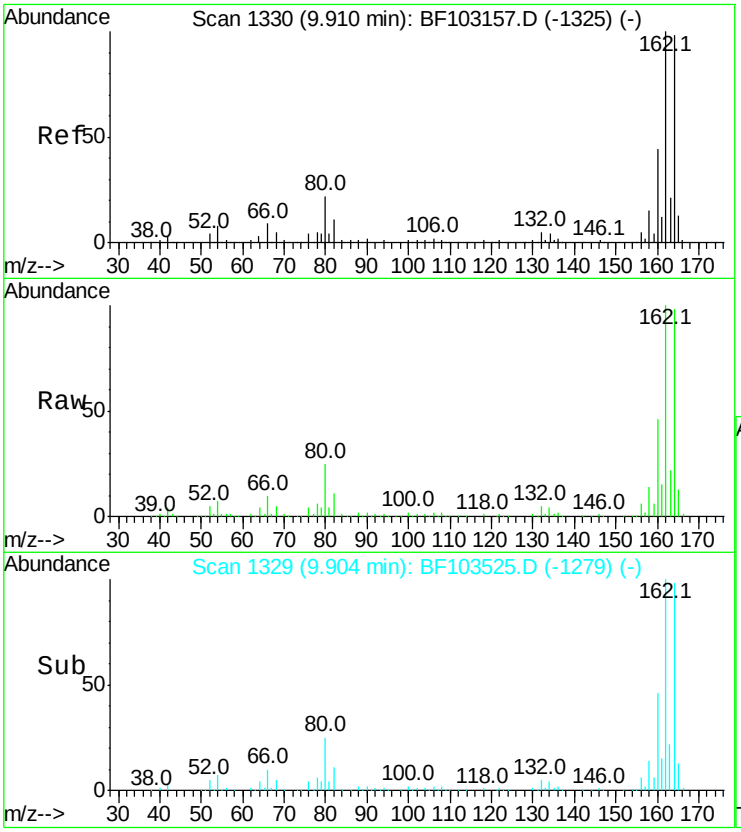


#32
Benzoic acid
Concen: 6.930 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.05 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Tgt Ion:122 Resp: 120

Ion	Ratio	Lower	Upper
122	100		
105	108.3	101.1	141.1
77	118.3	70.7	110.7#



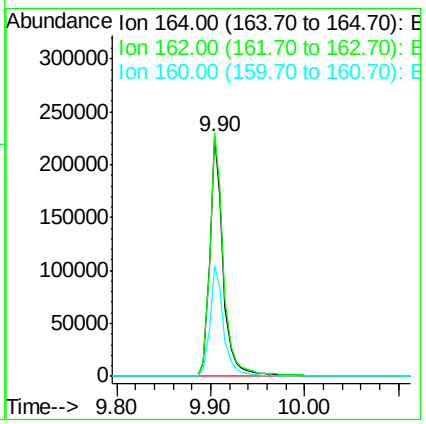


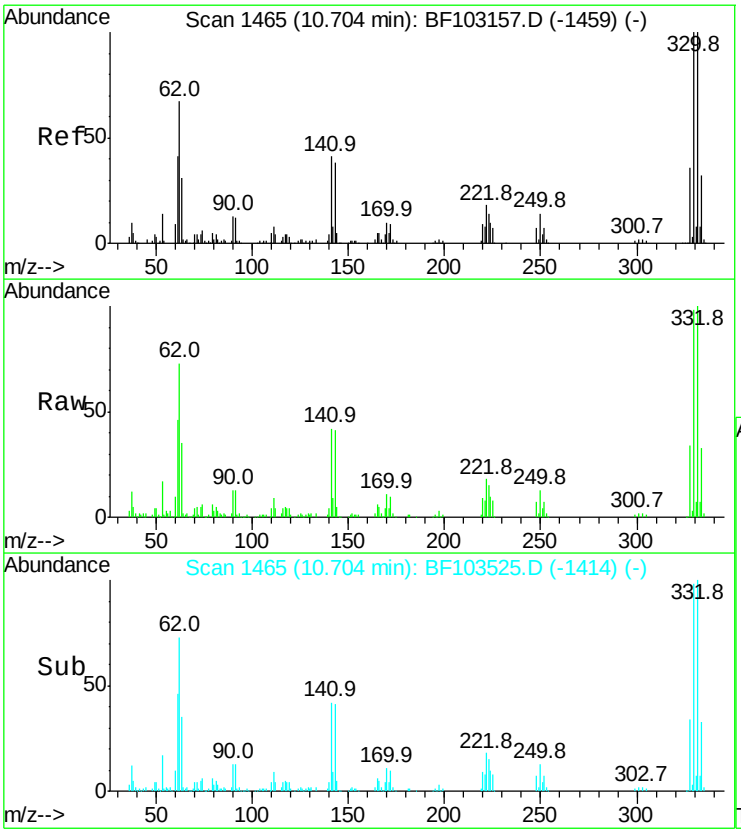
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 231560

Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	46.4	38.3	57.5

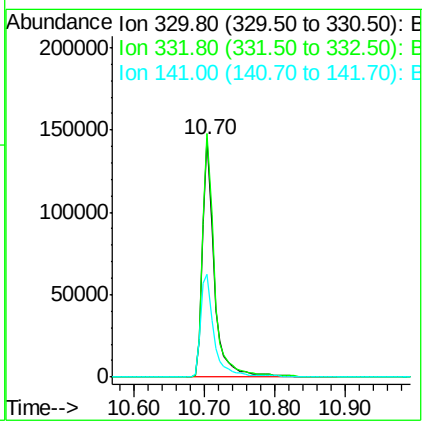


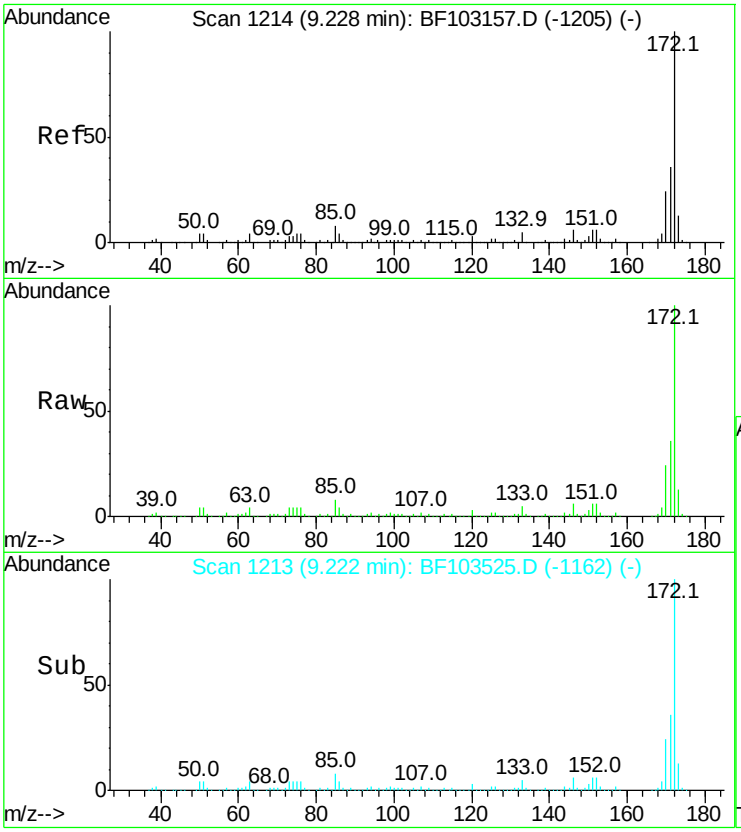


#41
2,4,6-Tribromophenol
Concen: 85.862 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Tgt Ion:330 Resp: 168292

Ion	Ratio	Lower	Upper
330	100		
332	103.1	77.0	115.6
141	49.7	29.9	44.9#



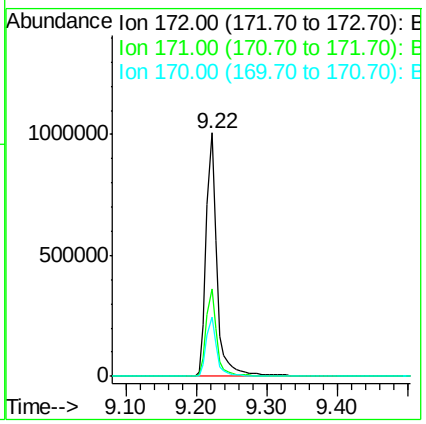


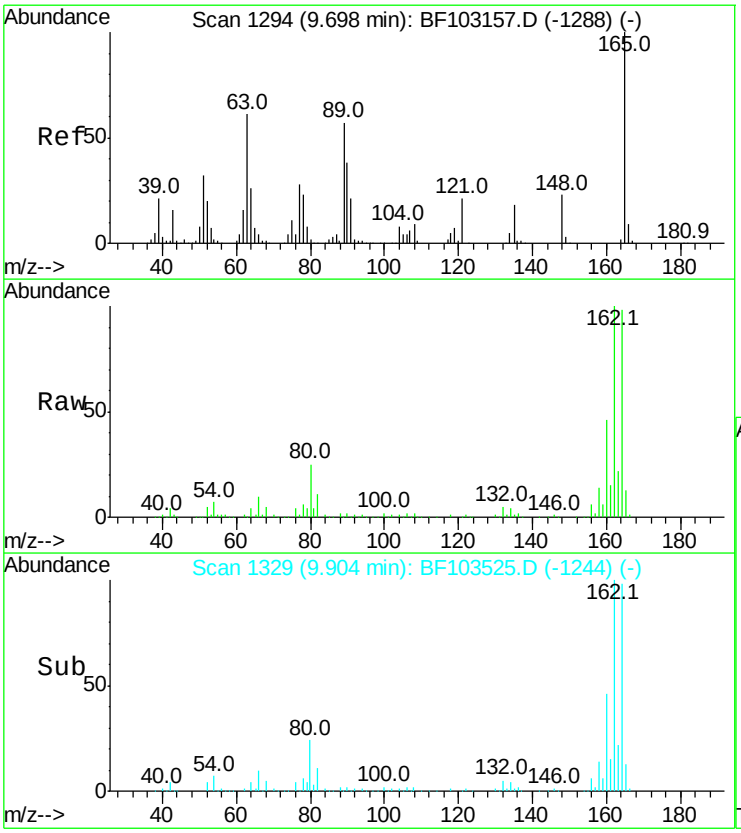
#44
2-Fluorobiphenyl
Concen: 78.200 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1071548

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

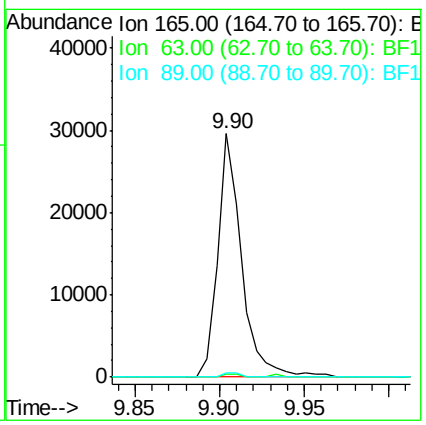


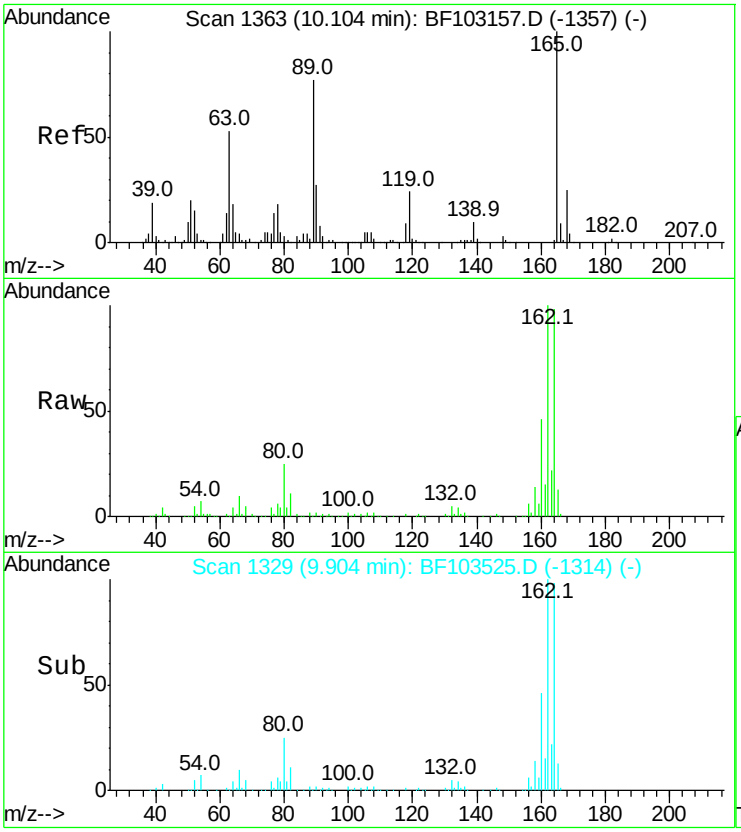


#50
2,6-Dinitrotoluene
Concen: 7.489 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Tgt Ion:165 Resp: 29193

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.9	44.0	66.0#



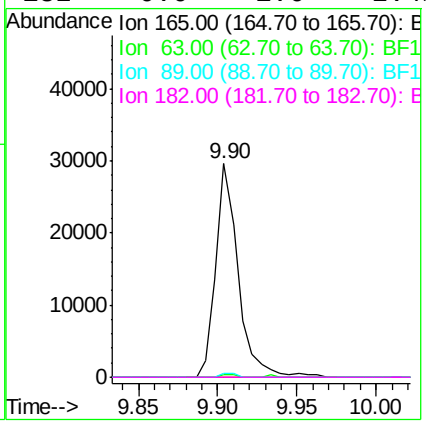


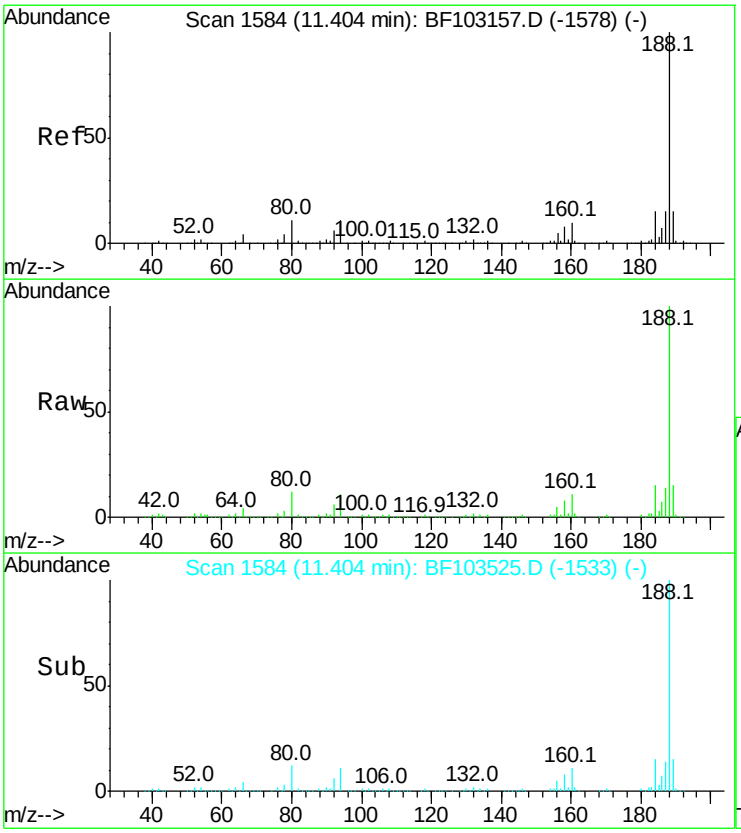
#56
2,4-Dinitrotoluene
Concen: 5.921 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 29194

Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

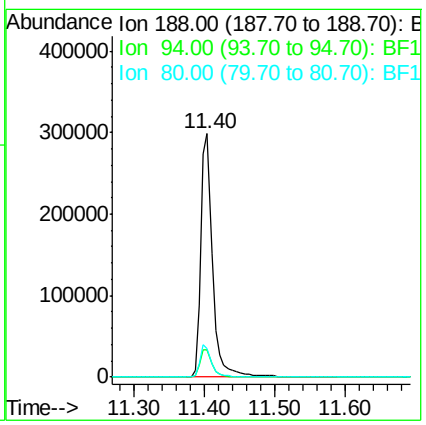


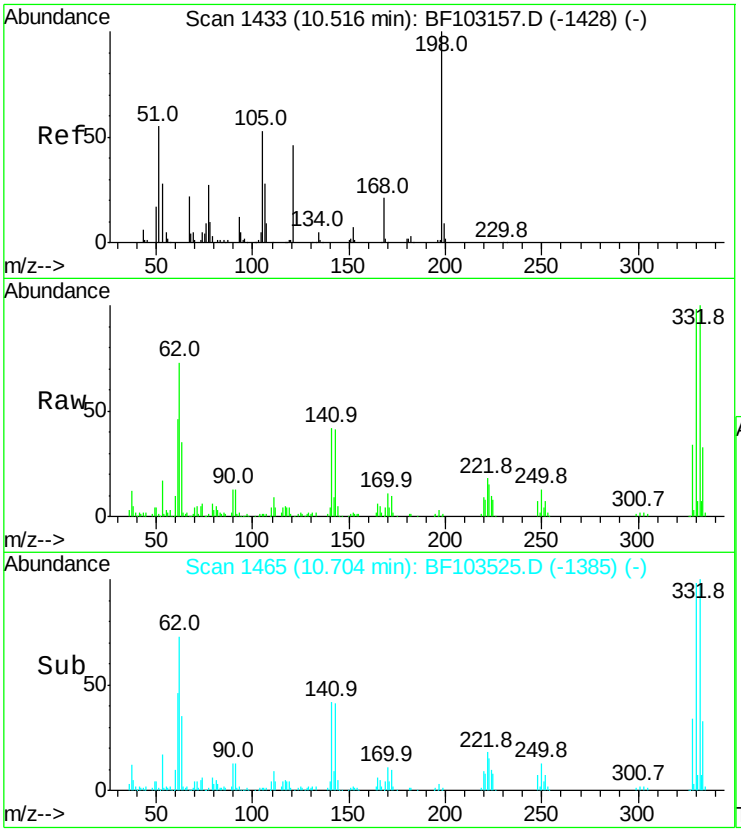


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Tgt Ion:188 Resp: 345443

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.8	9.2	13.8



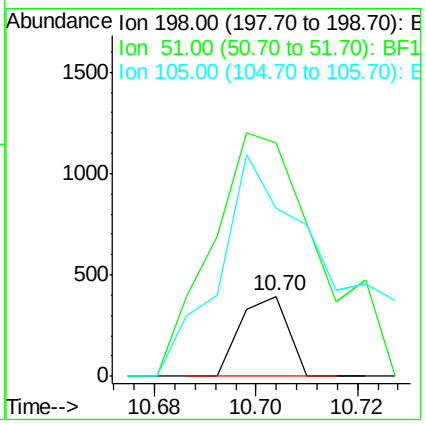


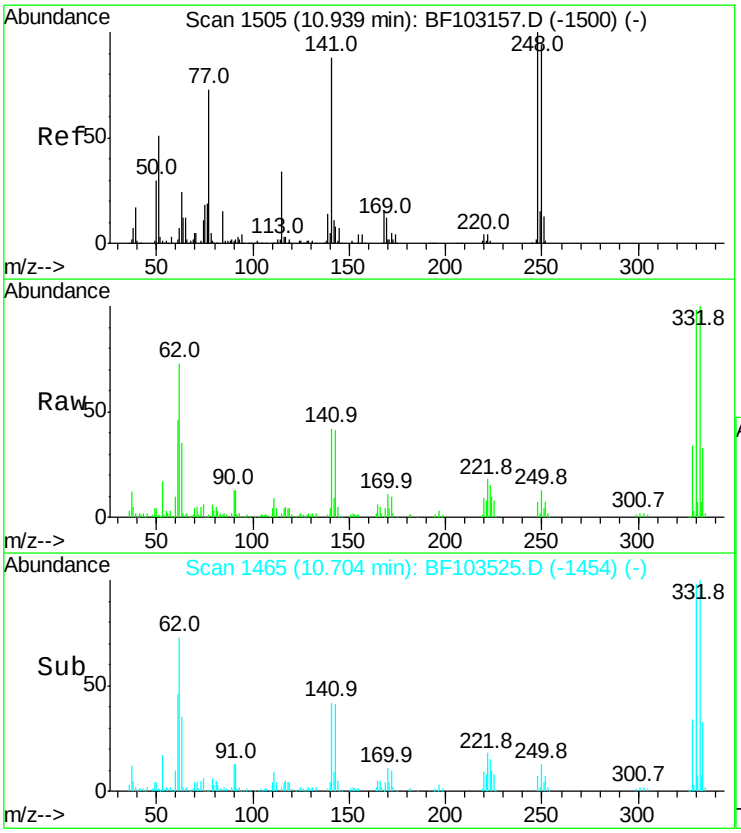
#64
4,6-Dinitro-2-methylphenol
Concen: 5.055 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.17 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 256

Ion	Ratio	Lower	Upper
198	100		
51	290.7	37.7	77.7#
105	209.6	36.3	76.3#

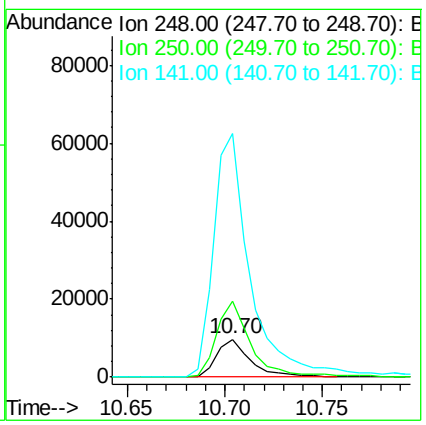


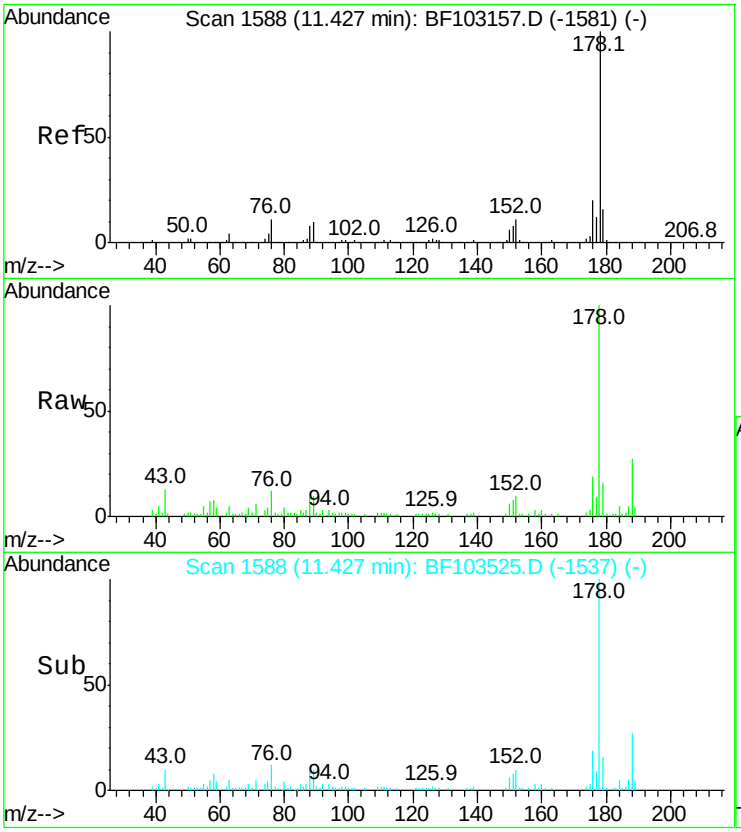


#66
4-Bromophenyl-phenylether
Concen: 3.264 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Tgt Ion:248 Resp: 11747

Ion	Ratio	Lower	Upper
248	100		
250	199.2	76.9	115.3#
141	643.3	74.4	111.6#



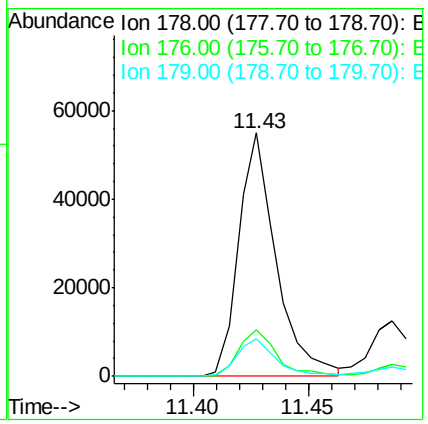


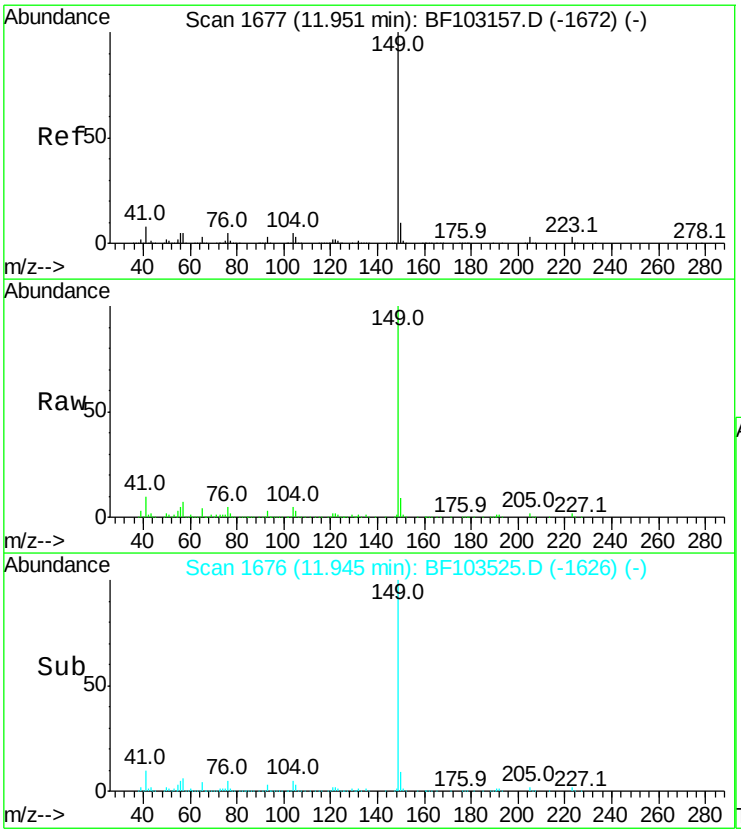
#70
Phenanthrene
Concen: 3.262 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 62010

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.7	13.0	19.6

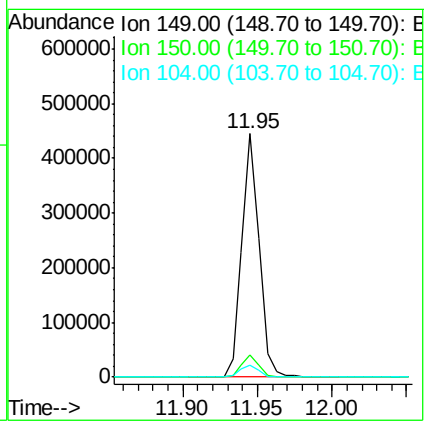


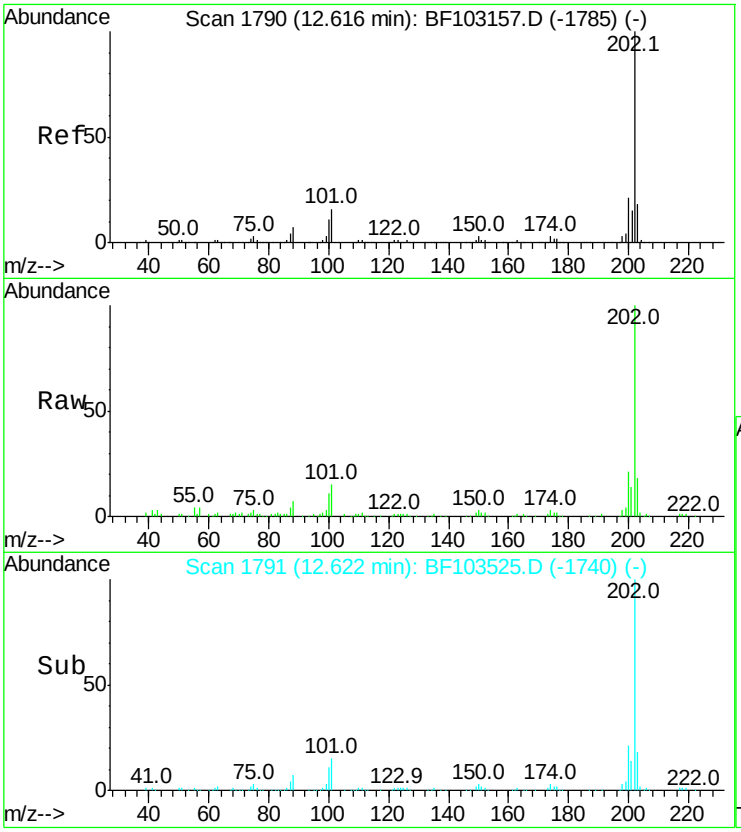


#73
Di-n-butylphthalate
Concen: 14.943 ng
RT: 11.95 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Tgt Ion:149 Resp: 363000

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	5.0	3.8	5.8



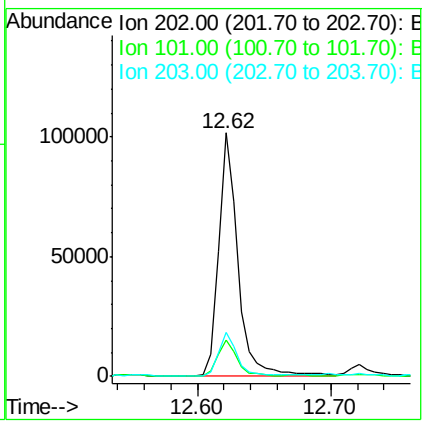


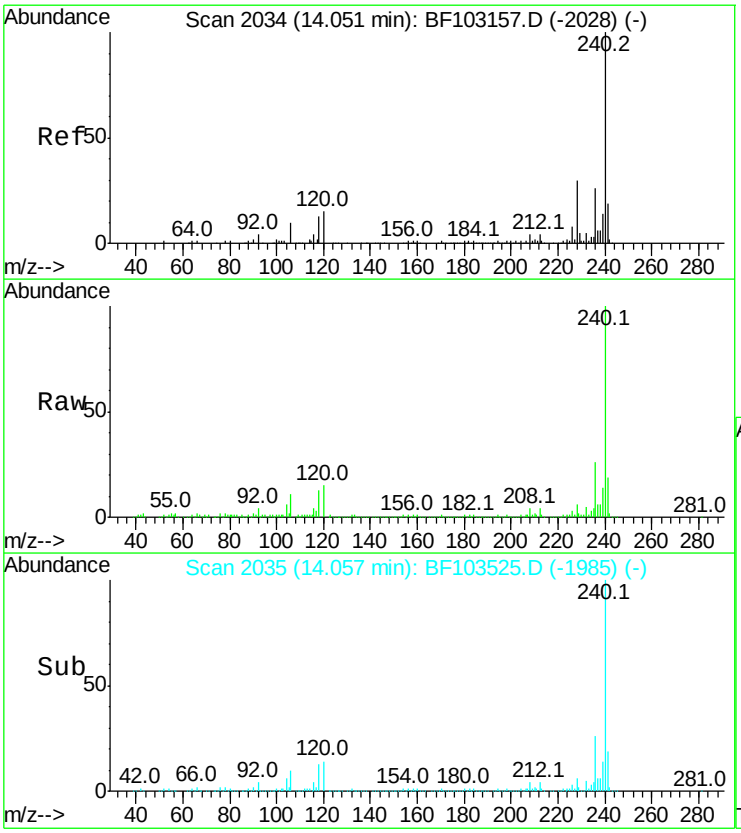
#74
Fluoranthene
Concen: 5.454 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 104198

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.1
203	17.9	0.0	38.1

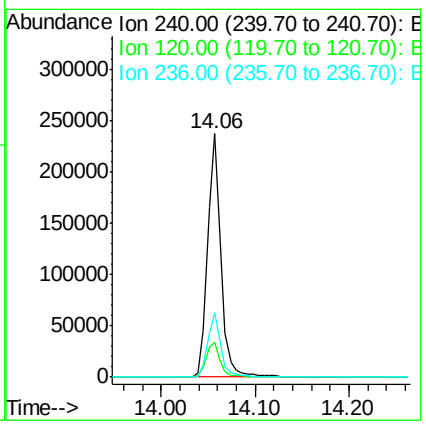


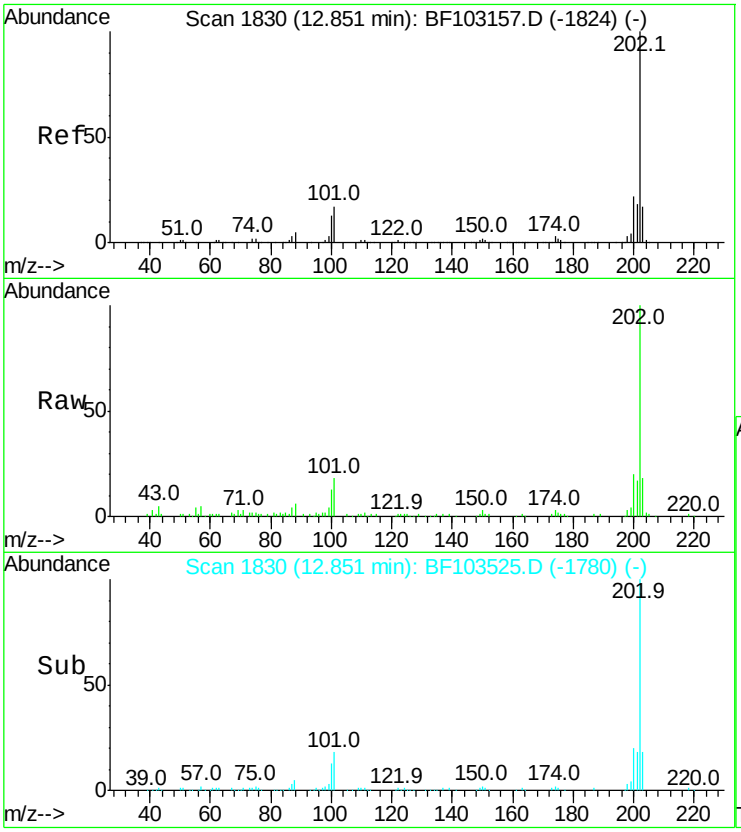


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Tgt Ion:240 Resp: 239515

Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	26.2	20.7	31.1



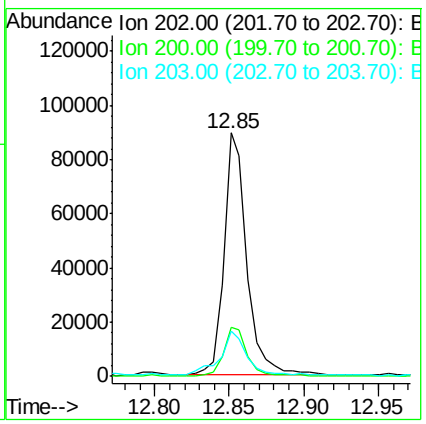


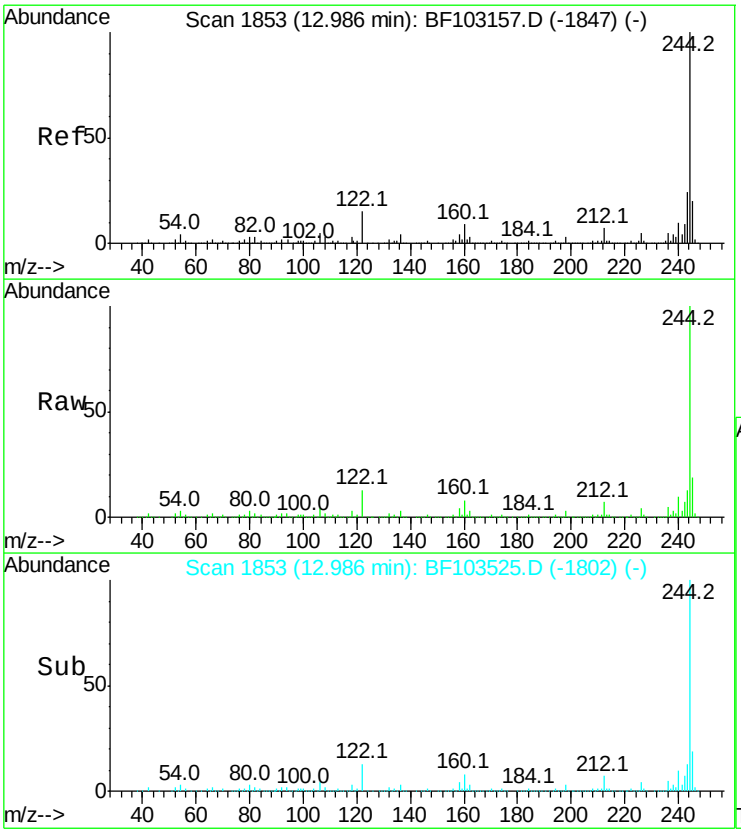
#77
Pyrene
Concen: 5.205 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 97192

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	18.4	14.3	21.5

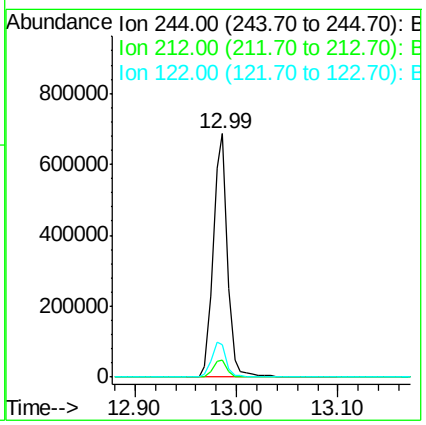


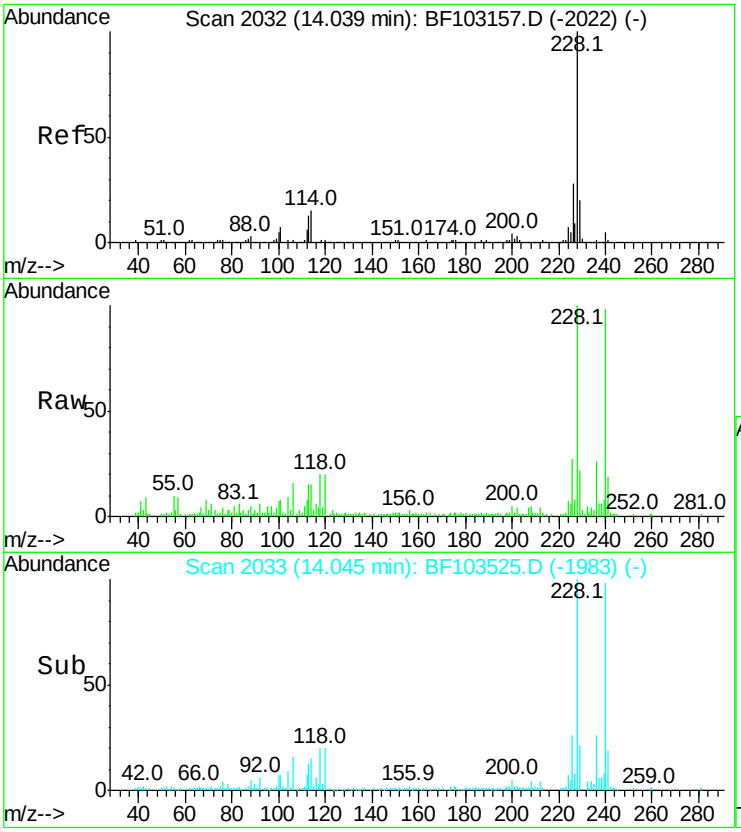


#78
Terphenyl-d14
Concen: 67.353 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Tgt Ion:244 Resp: 671091

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.5	11.0	16.4



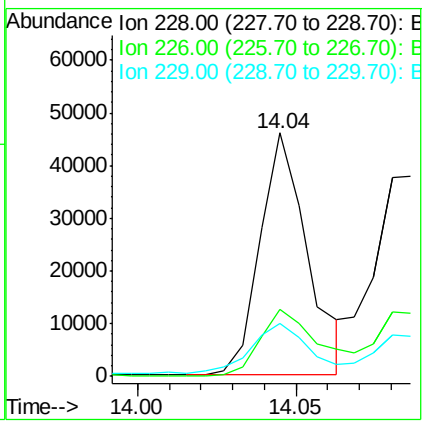


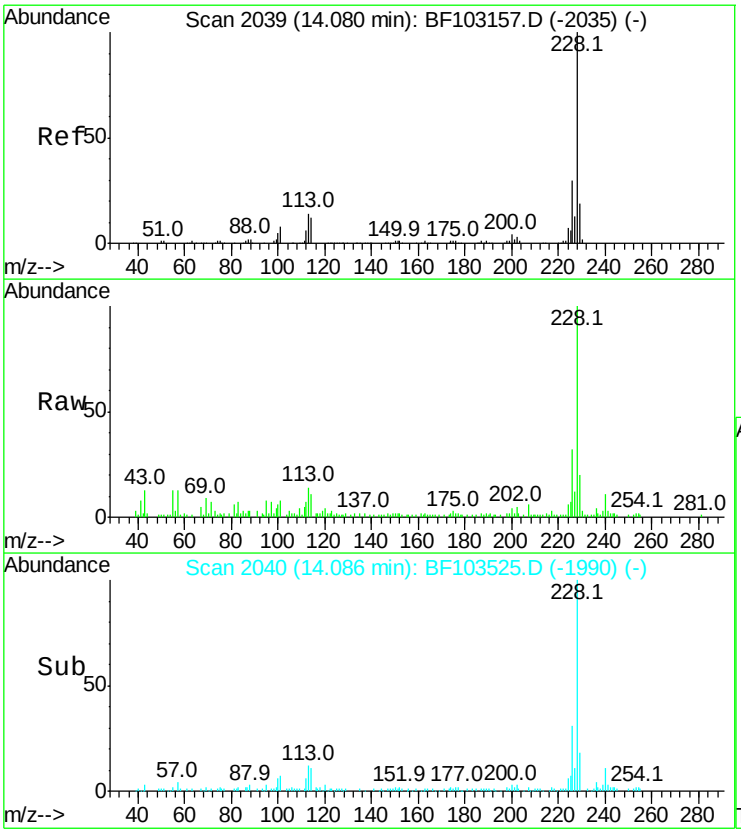
#80
Benzo(a)anthracene
Concen: 3.083 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 47910

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	21.8	15.8	23.6

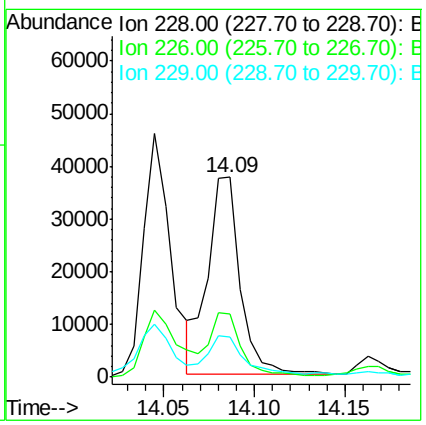


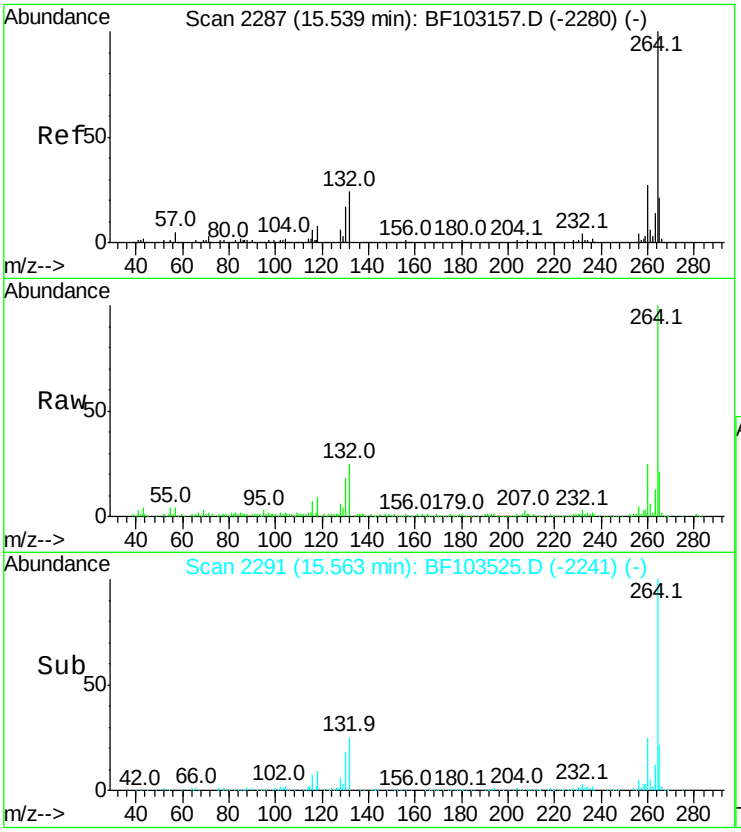


#82
Chrysene
Concen: 3.113 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Tgt Ion:228 Resp: 46968

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	19.9	16.2	24.4



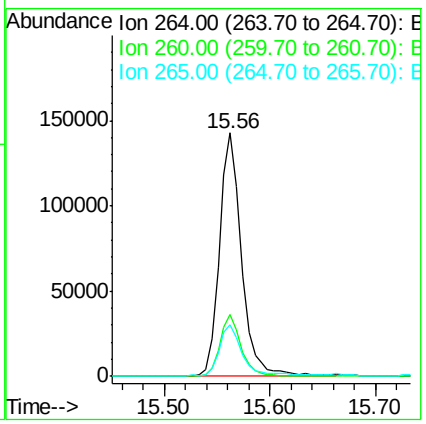


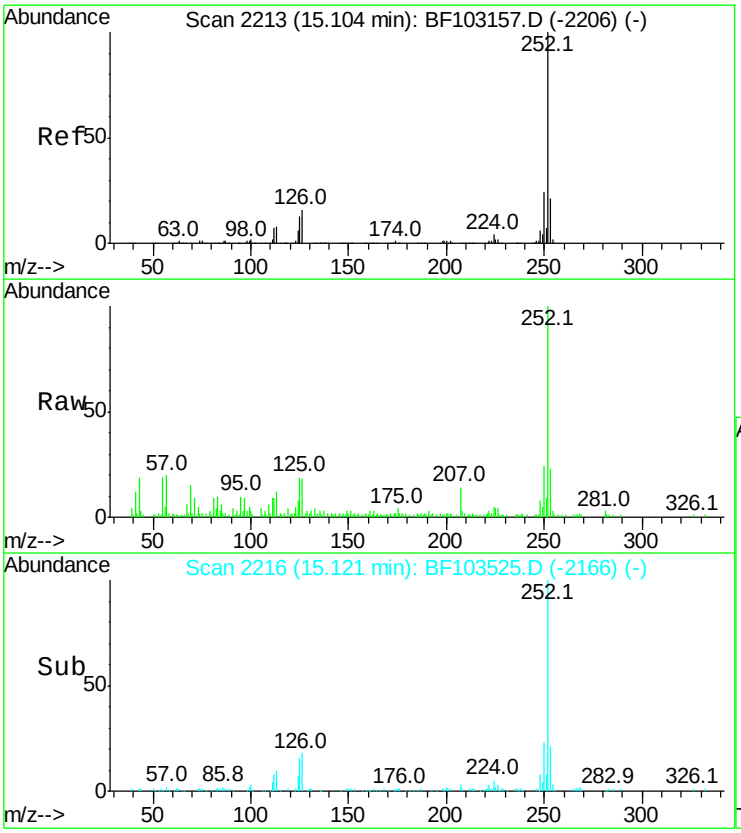
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 207474

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	21.0	17.5	26.3

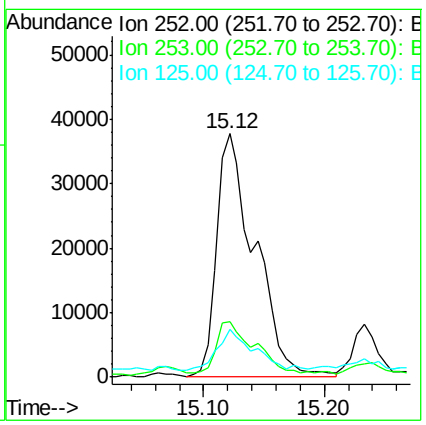


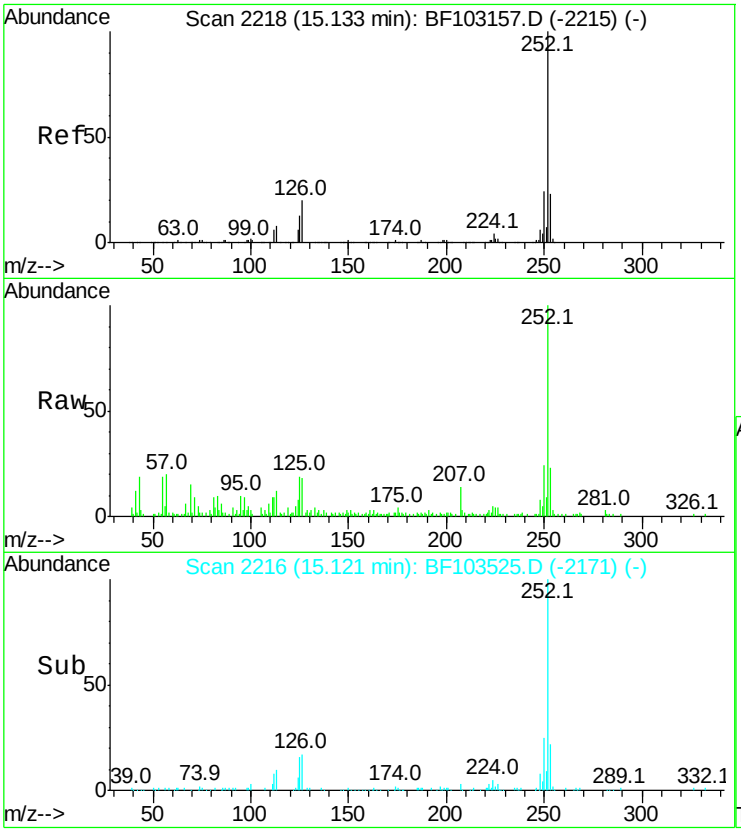


#87
Benzo(b)fluoranthene
Concen: 6.058 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Tgt Ion:252 Resp: 82632

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	19.4	9.0	13.6#



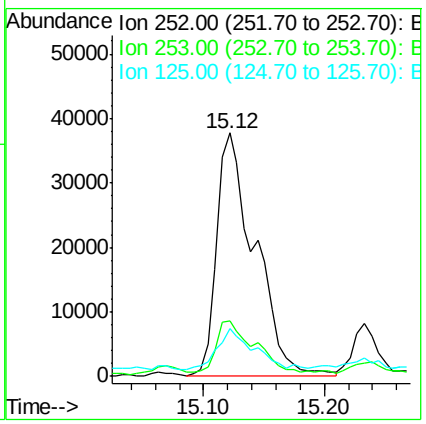


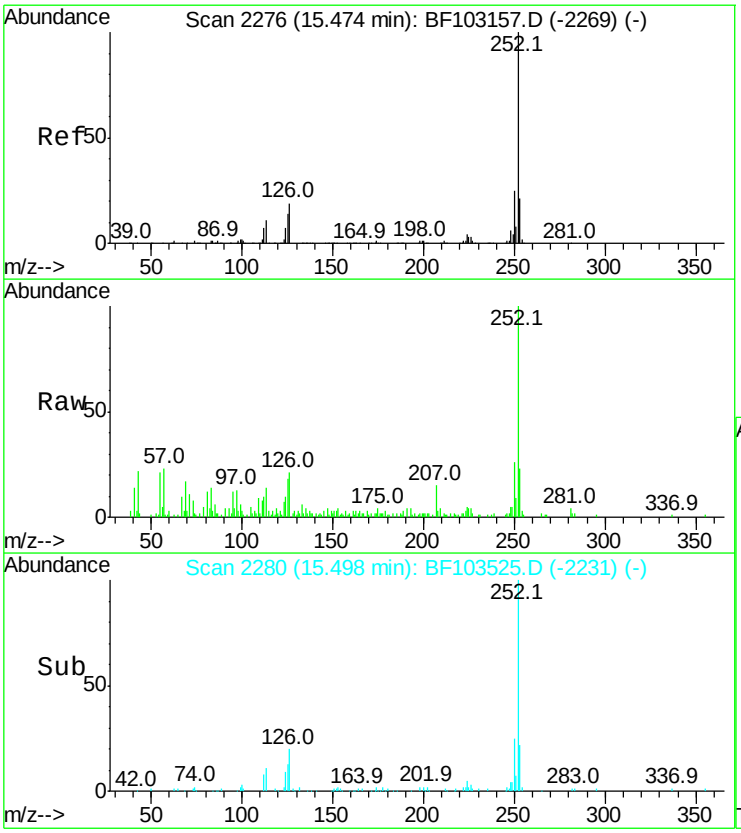
#88
Benzo(k)fluoranthene
Concen: 6.433 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.04 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 82632

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	19.4	10.2	15.2#

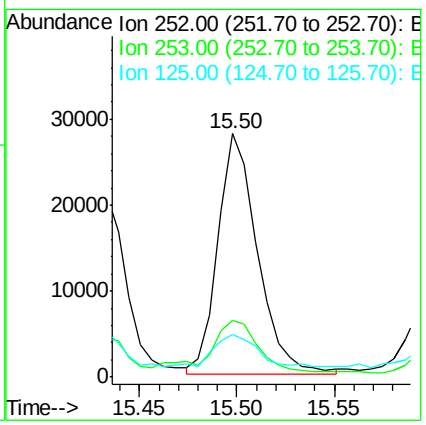


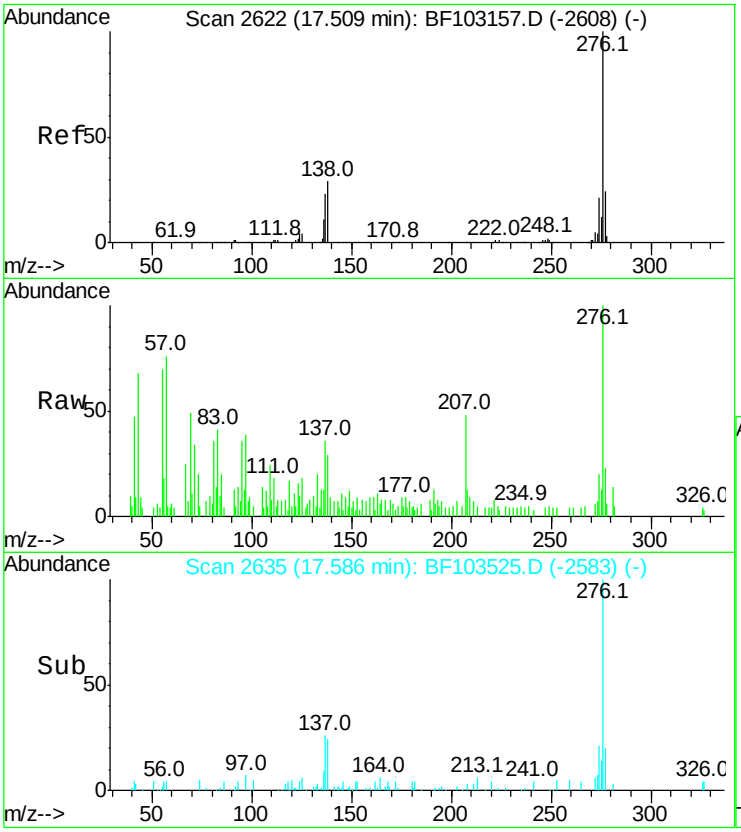


#89
Benzo(a)pyrene
Concen: 3.256 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Tgt Ion:252 Resp: 39668

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	17.7	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 2.543 ng
RT: 17.59 min Scan# 2635
Delta R.T. 0.01 min
Lab File: BF103525.D
Acq: 8 Mar 2018 19:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 23396

Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	29.1	21.8	32.8