Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103714.D
Acq On : 16 Mar 2018 23:20
Operator : JU/SJ
Sample : J1938-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 17 03:22:03 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	176184	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	703447	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	302560	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	460582	20.00	ng		0.00
75) Chrysene-d12	14.16	240	320919	20.00	ng		0.00
86) Perylene-d12	15.69	264	275829	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1084917	93.66	ng		0.02
7) Phenol-d6	6.59	99	1330443	93.88	ng		0.00
23) Nitrobenzene-d5	7.53	82	792508	78.56	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	246897	94.91	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1197989	63.16	ng		0.00
78) Terphenyl-d14	13.09	244	851856	61.61	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.60	94	36270	2.409	ng		91
19) n-Nitroso-di-n-propylamine	7.53	70	104522	11.509	ng	#	75
25) Isophorone	7.53	82	792498	33.938	ng	#	64
47) 2-Nitroaniline	9.72	65	1586	7.074	ng	#	1
49) Dimethylphthalate	9.72	163	145134	6.287	ng		99
50) 2,6-Dinitrotoluene	10.01	165	39356	12.066	ng	#	25
55) 4-Nitrophenol	10.22	139	1214	5.239	ng	#	20
56) 2,4-Dinitrotoluene	10.01	165	39356	12.270	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.80	198	518	8.453	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	15030	3.178	ng	#	1
70) Phenanthrene	11.53	178	69210	2.747	ng		98
74) Fluoranthene	12.72	202	204607	7.883	ng		95
77) Pyrene	12.95	202	200527	8.508	ng		98
80) Benzo(a)anthracene	14.18	228	117873	5.803	ng		96
82) Chrysene	14.18	228	117873	6.087	ng		98
85) Indeno(1,2,3-cd)pyrene	17.25	276	63360	3.747	ng		92
87) Benzo(b)fluoranthene	15.23	252	220622	12.660	ng		97
88) Benzo(k)fluoranthene	15.23	252	220622	13.170	ng		99
89) Benzo(a)pyrene	15.62	252	111688	7.066	ng		97
91) Benzo(g,h,i)perylene	17.73	276	56691	4.258	ng		95

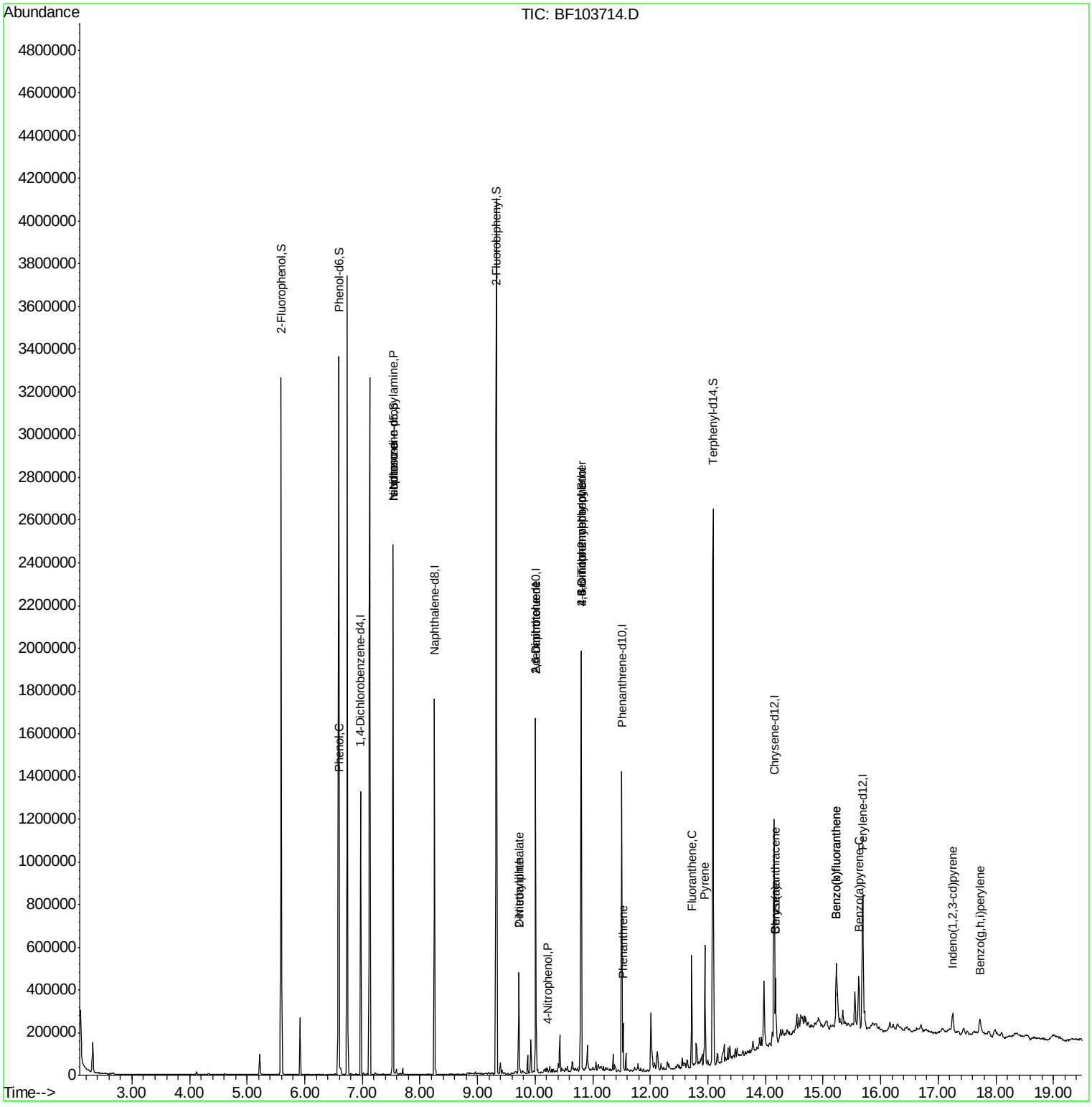
(#) = qualifier out of range (m) = manual integration (+) = signals summed

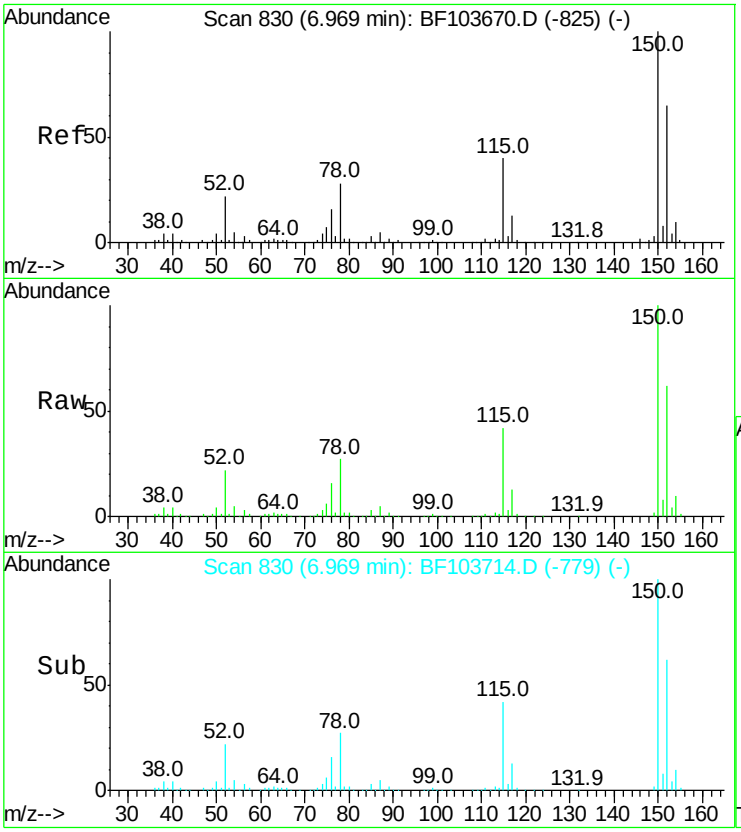
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103714.D
Acq On : 16 Mar 2018 23:20
Operator : JU/SJ
Sample : J1938-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 17 03:22:03 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration



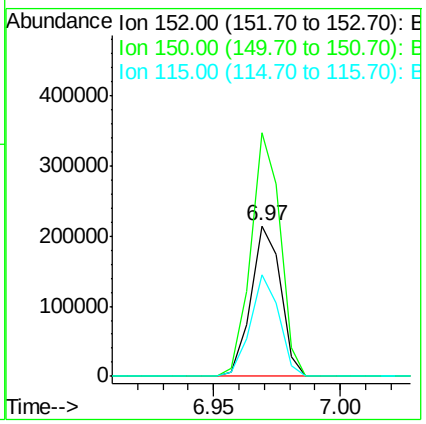


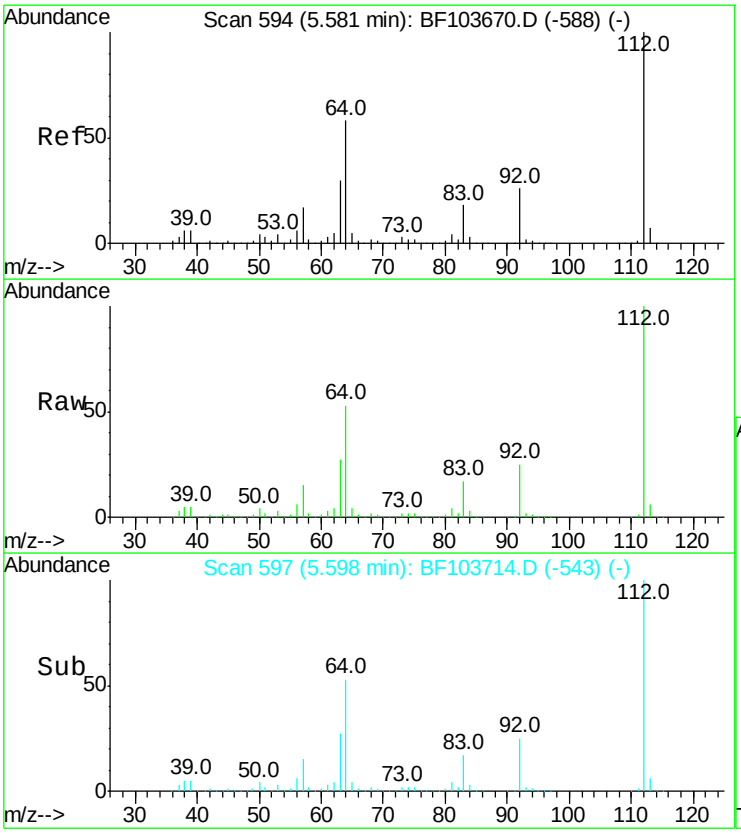
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 176184

Ion	Ratio	Lower	Upper
152	100		
150	161.7	124.6	186.8
115	67.2	50.1	75.1

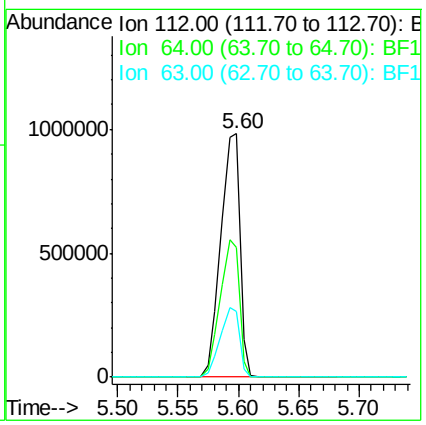


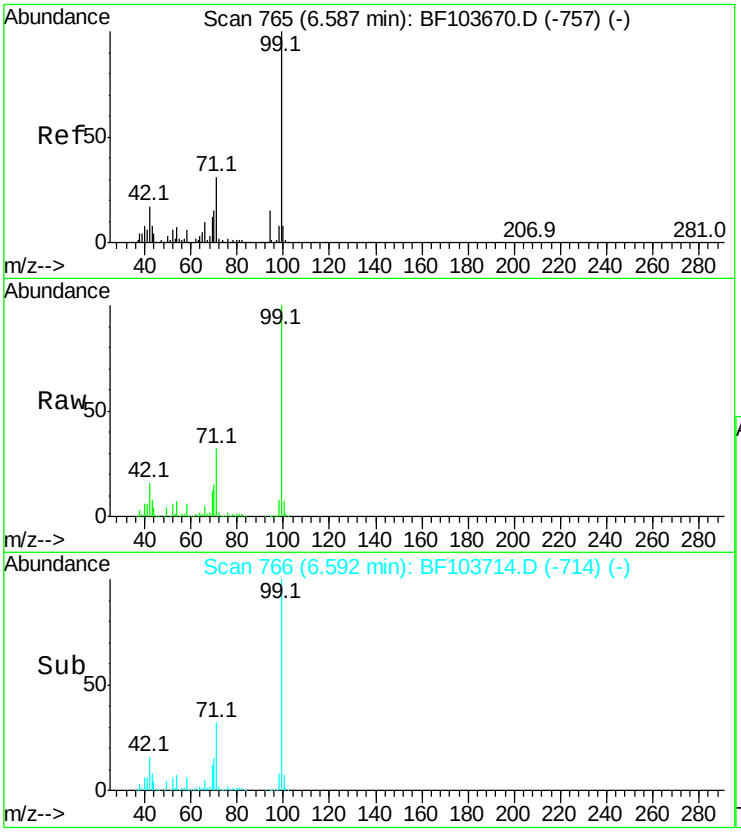


#5
2-Fluorophenol
Concen: 93.661 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Tgt Ion:112 Resp: 1084917

Ion	Ratio	Lower	Upper
112	100		
64	53.3	47.9	71.9
63	26.9	23.7	35.5



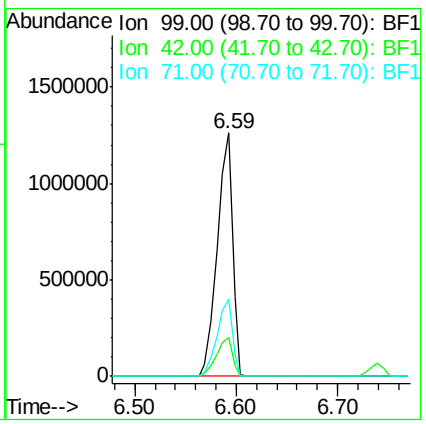


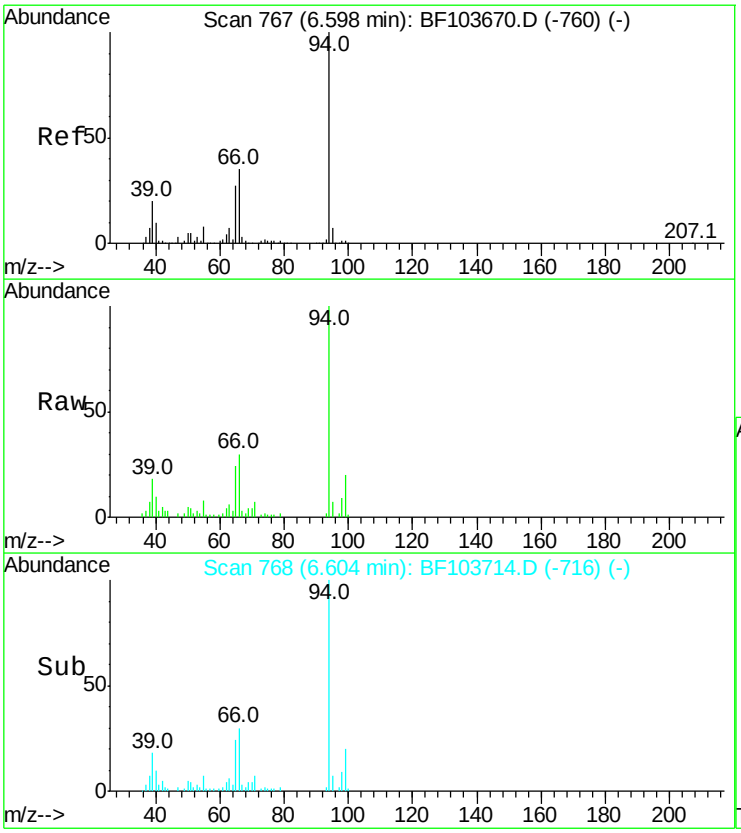
#7
Phenol-d6
Concen: 93.881 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1330443

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	31.8	25.4	38.0

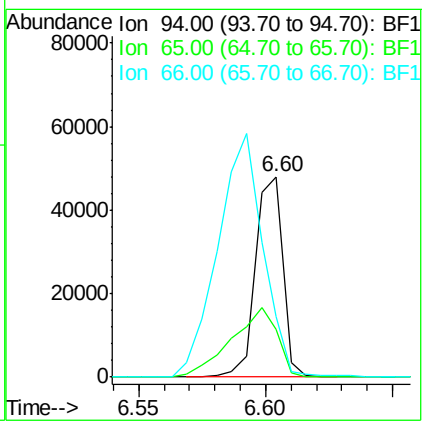


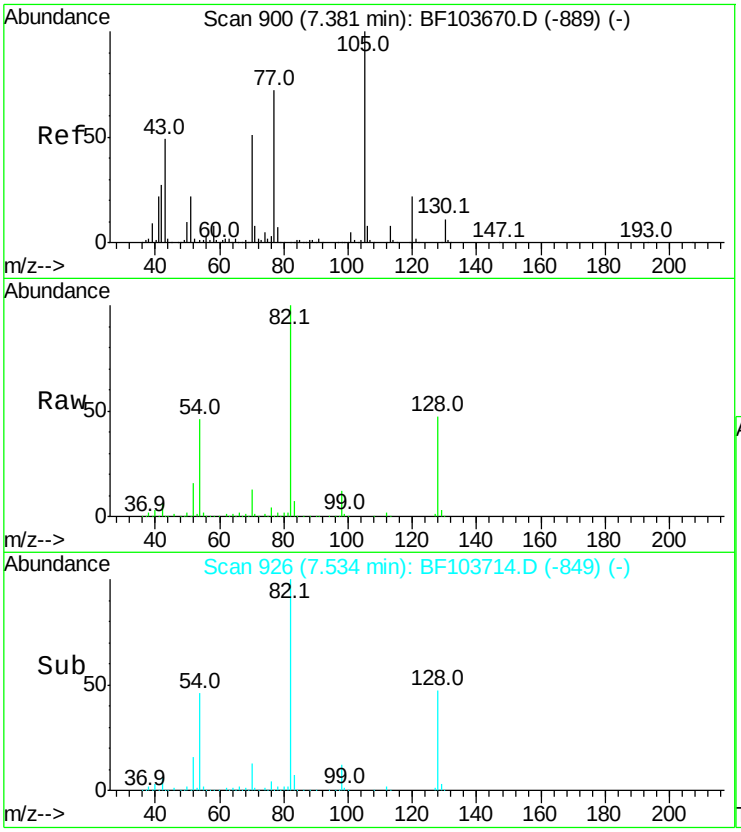


#10
Phenol
Concen: 2.409 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Tgt Ion: 94 Resp: 36270

Ion	Ratio	Lower	Upper
94	100		
65	24.0	7.9	47.9
66	30.4	16.2	56.2



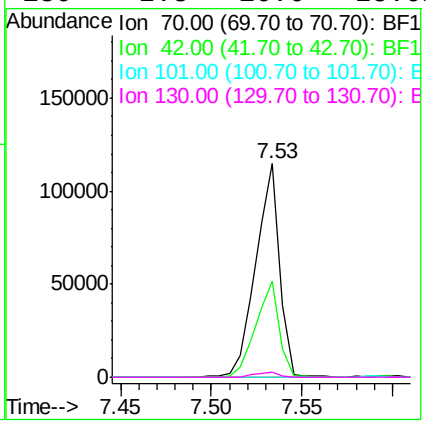


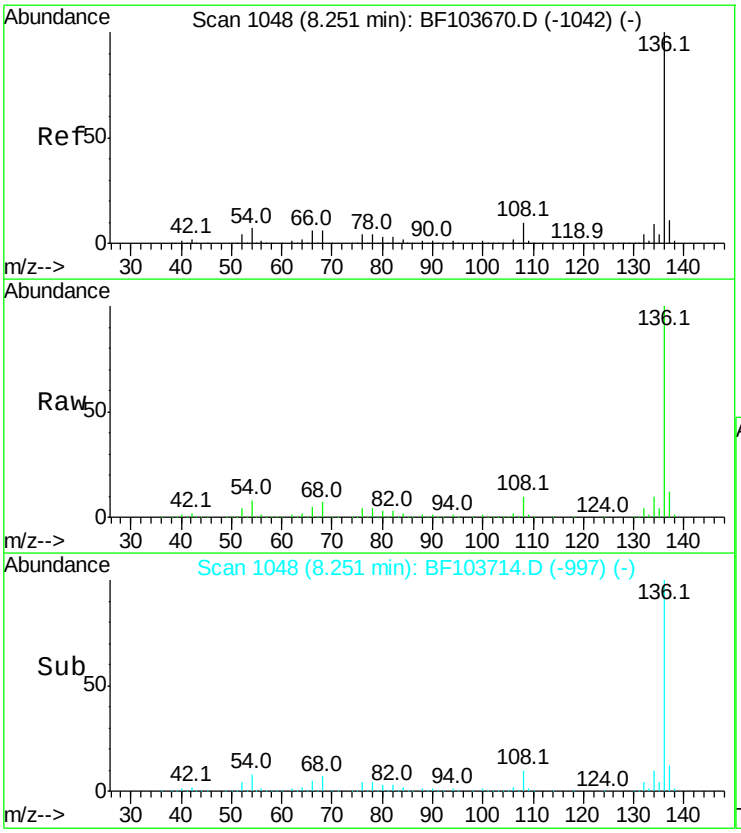
#19
n-Nitroso-di-n-propylamine
Concen: 11.509 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 104522

Ion	Ratio	Lower	Upper
70	100		
42	45.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

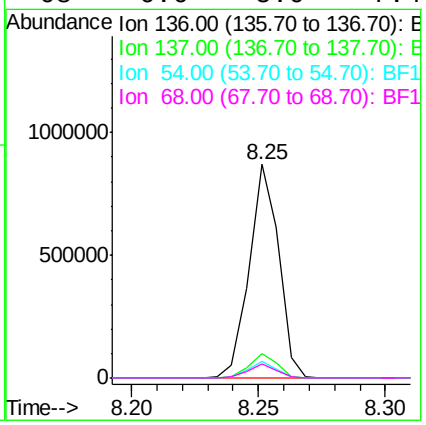


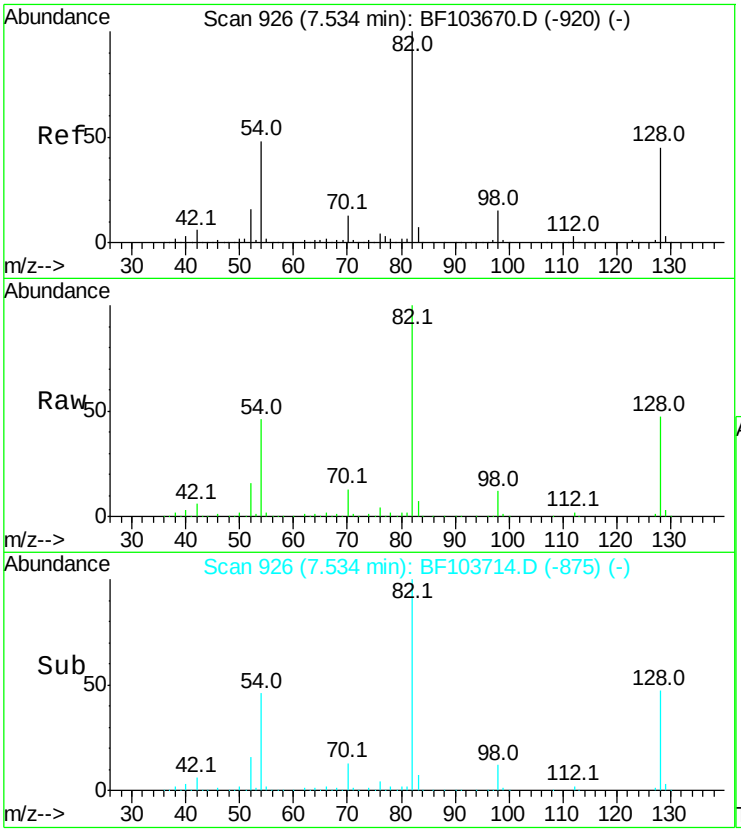


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Tgt Ion:136 Resp: 703447

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	7.7	6.6	9.8
68	6.6	5.0	7.4



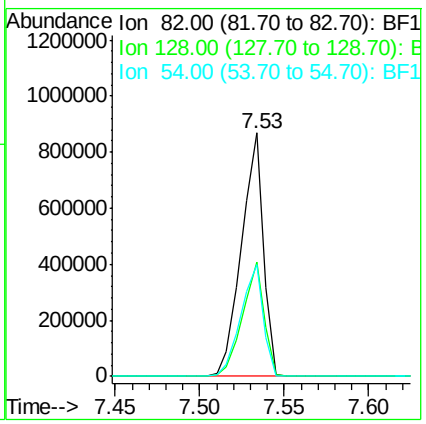


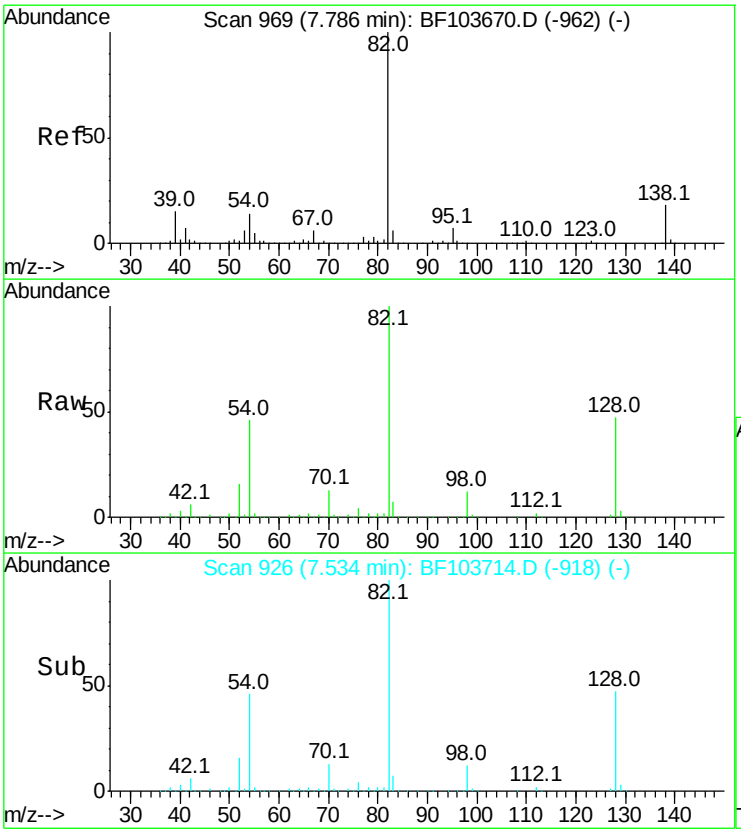
#23
Nitrobenzene-d5
Concen: 78.565 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 792508

Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	45.7	41.4	62.2

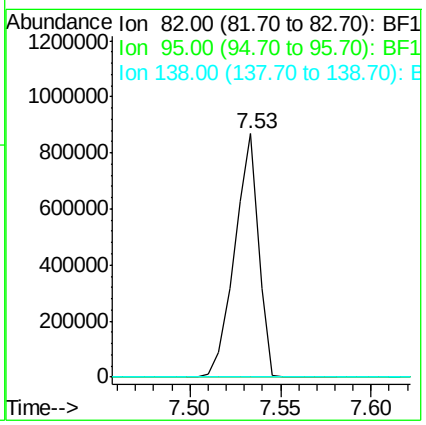


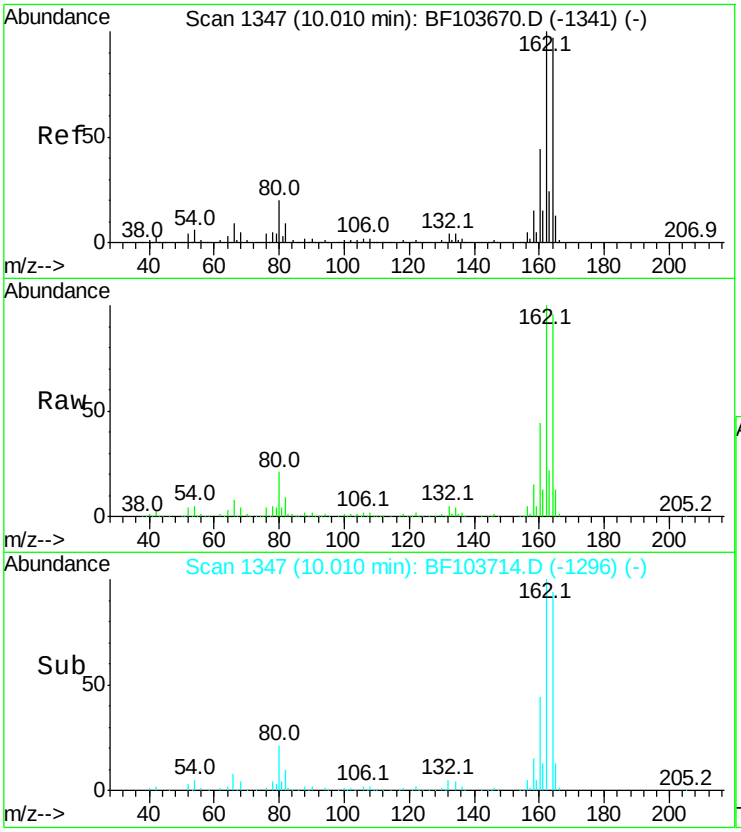


#25
Isophorone
Concen: 33.938 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Tgt Ion: 82 Resp: 792498

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



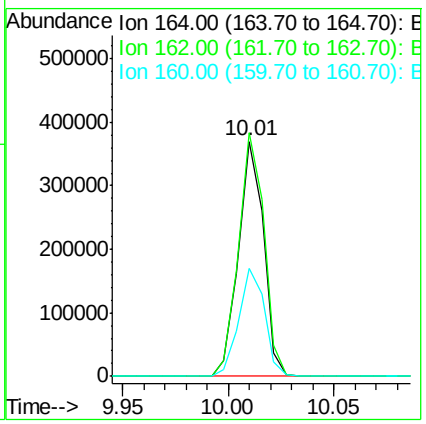


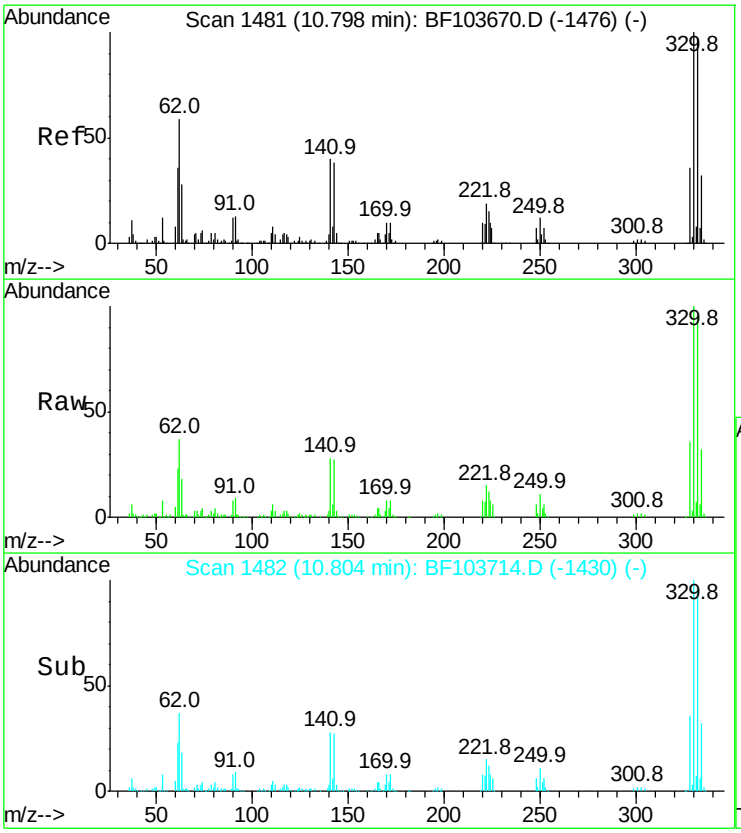
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 302560

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	46.0	38.3	57.5

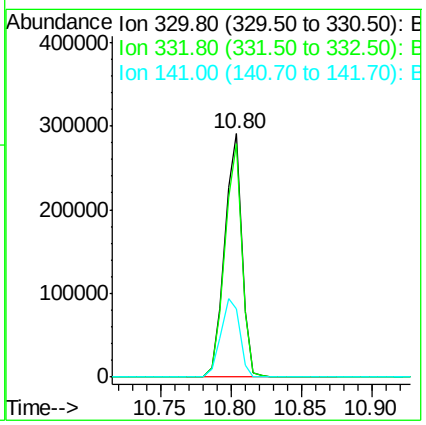


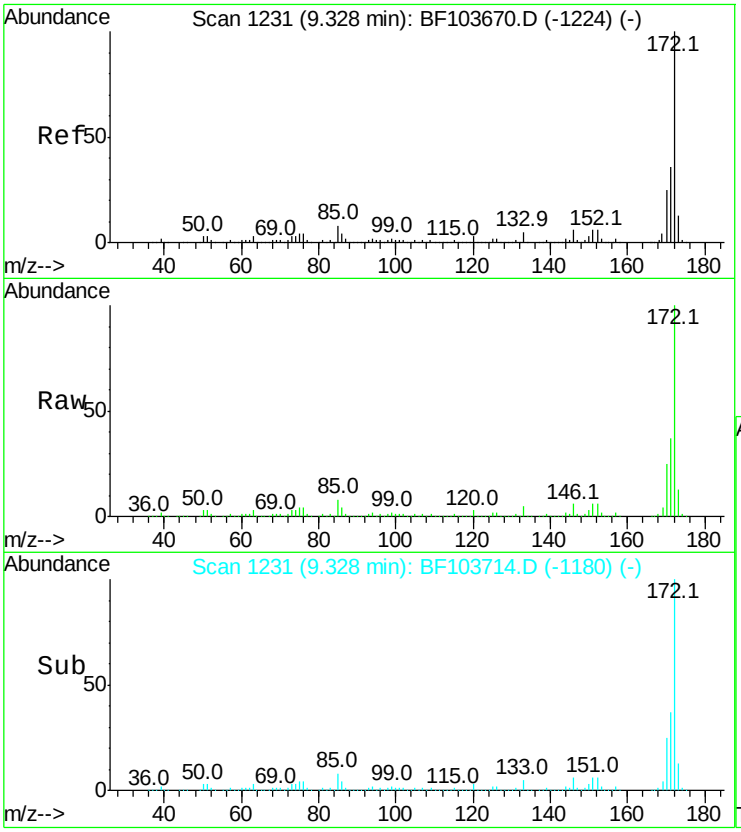


#41
2,4,6-Tribromophenol
Concen: 94.908 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Tgt Ion:330 Resp: 246897

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	35.6	29.9	44.9



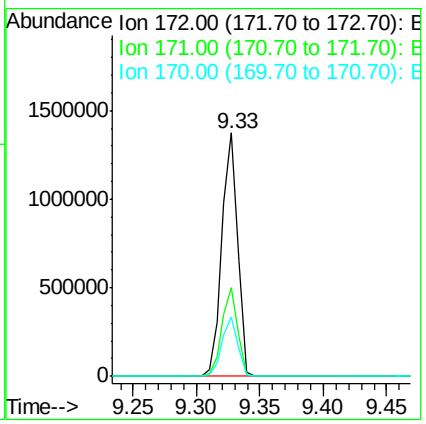


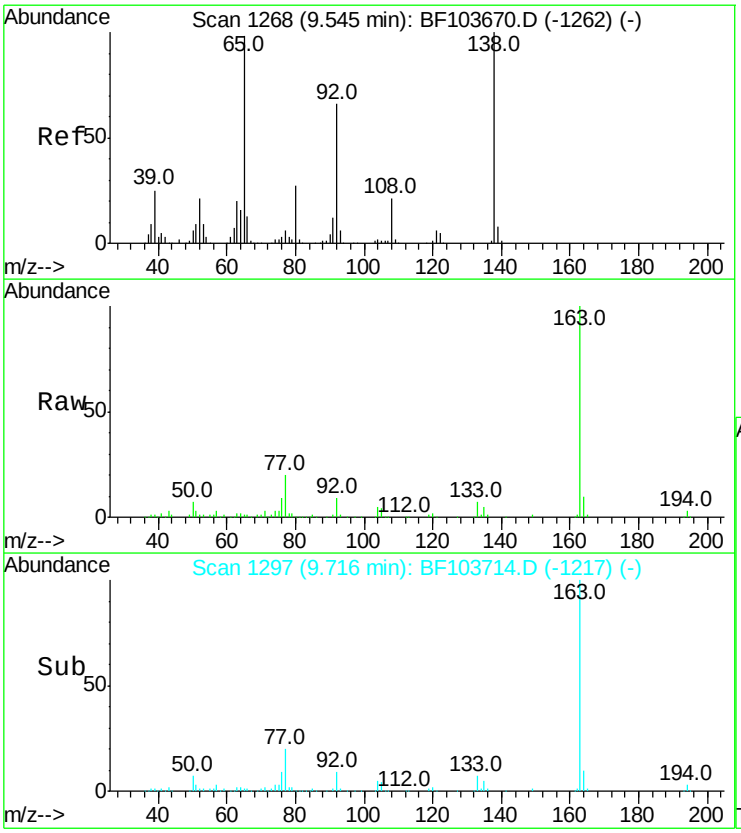
#44
2-Fluorobiphenyl
Concen: 63.160 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1197989

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.5	19.6	29.4

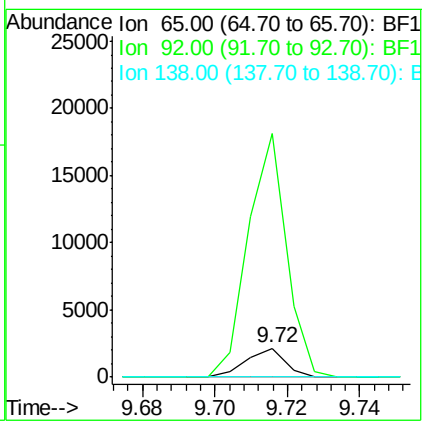


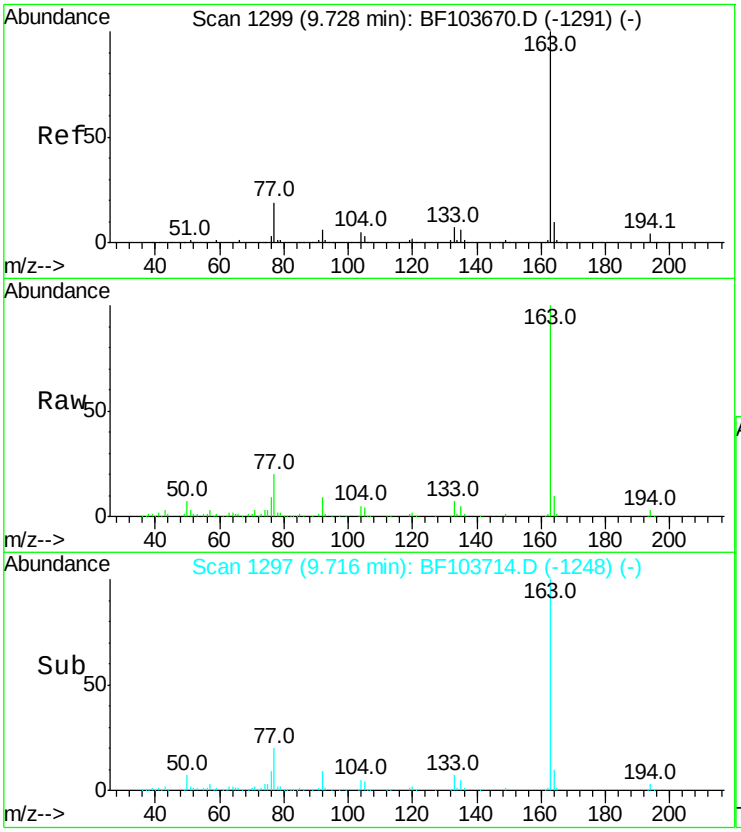


#47
2-Nitroaniline
Concen: 7.074 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.17 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Tgt Ion: 65 Resp: 1586

Ion	Ratio	Lower	Upper
65	100		
92	842.4	55.8	83.6#
138	0.0	91.2	136.8#



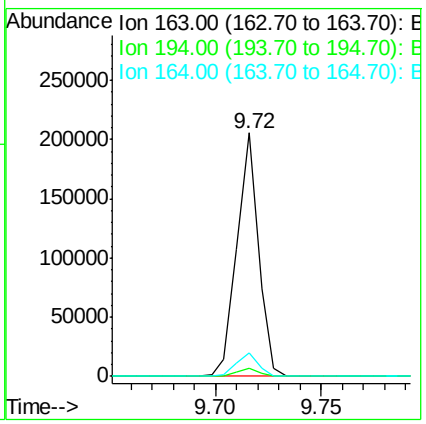


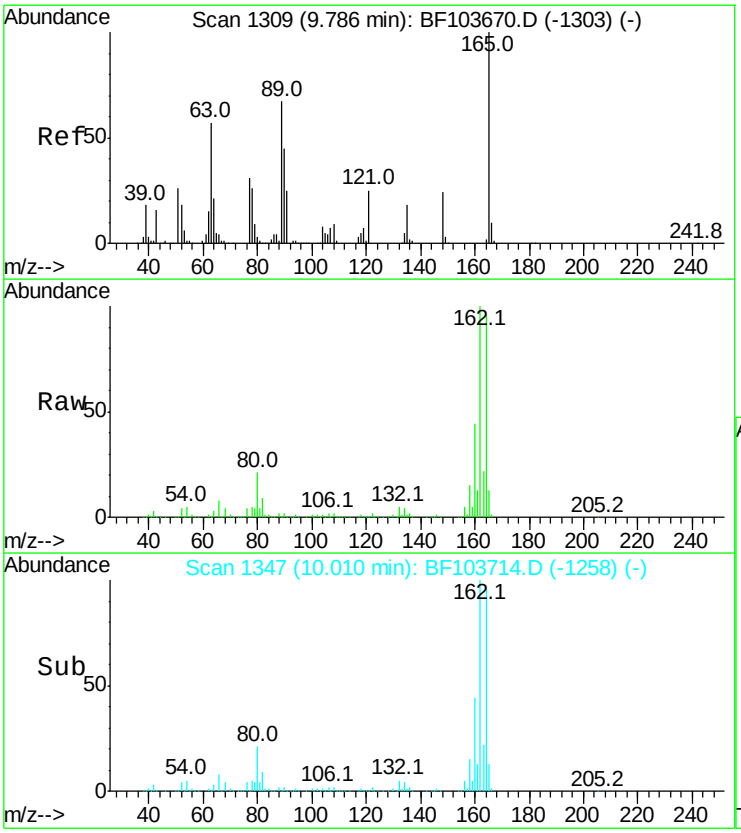
#49
Dimethylphthalate
Concen: 6.287 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 145134

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.5	8.2	12.2

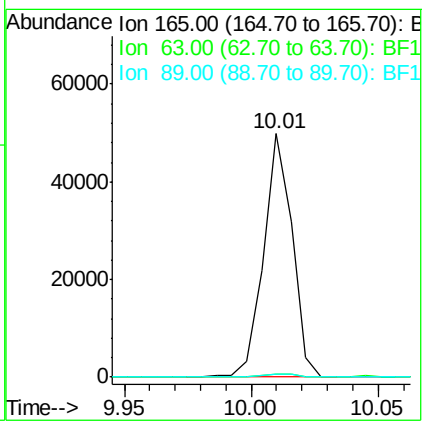


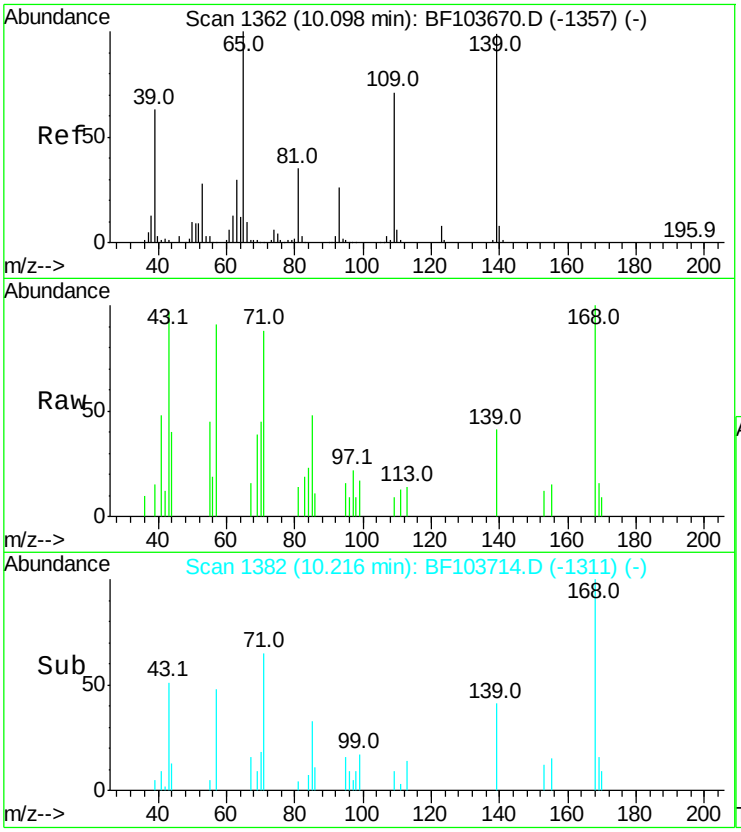


#50
2,6-Dinitrotoluene
Concen: 12.066 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Tgt Ion:165 Resp: 39356

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.2	44.0	66.0#



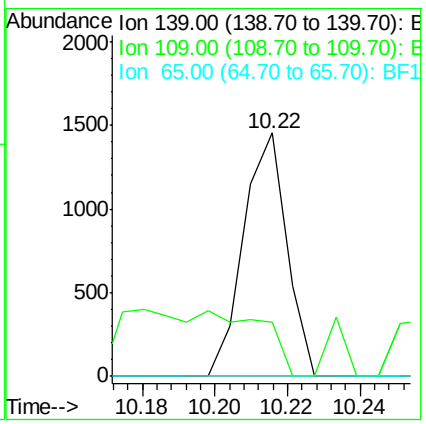


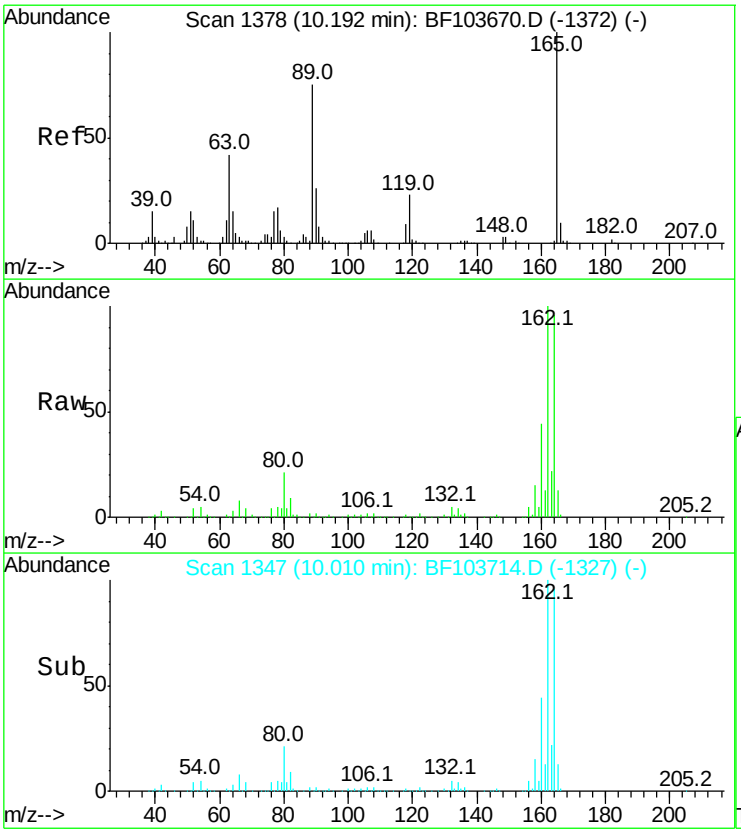
#55
4-Nitrophenol
Concen: 5.239 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.12 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 1214

Ion	Ratio	Lower	Upper
139	100		
109	22.1	48.4	88.4#
65	0.0	72.6	112.6#

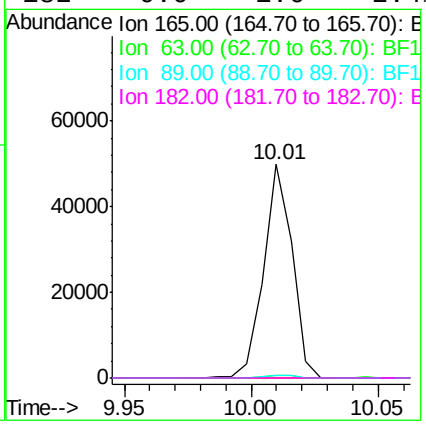


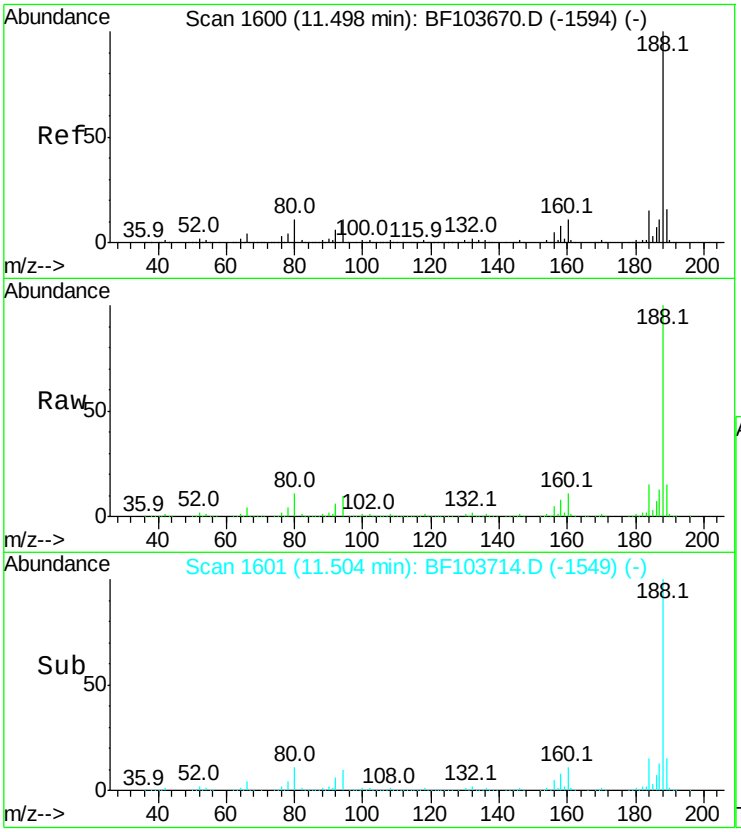


#56
2,4-Dinitrotoluene
Concen: 12.270 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Tgt Ion:165 Resp: 39356

Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



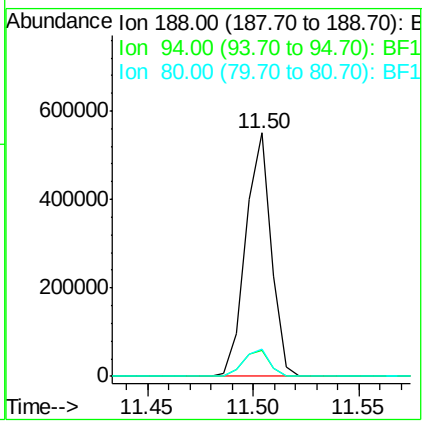


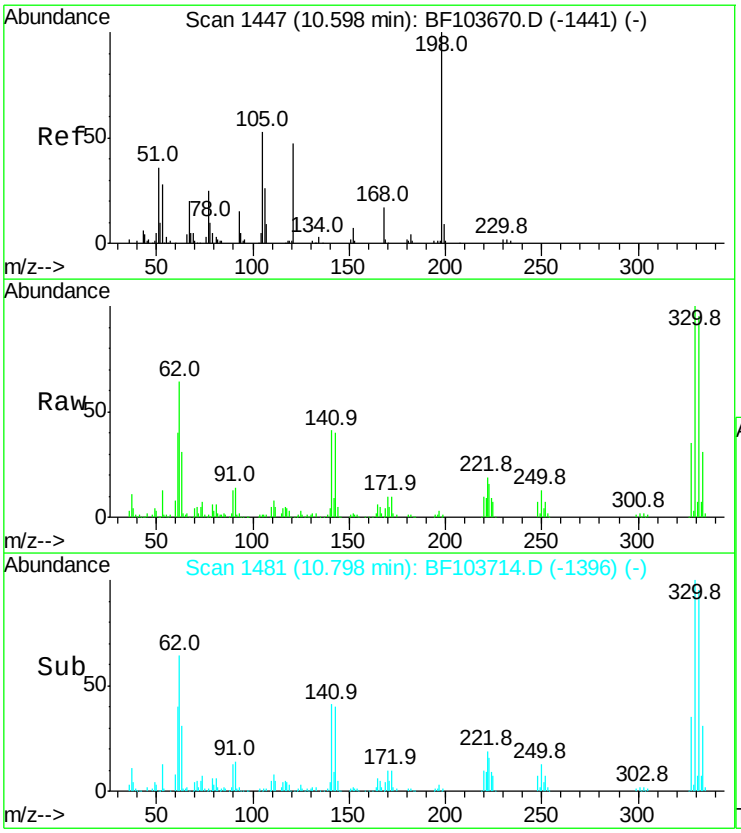
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 460582

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.4	9.2	13.8

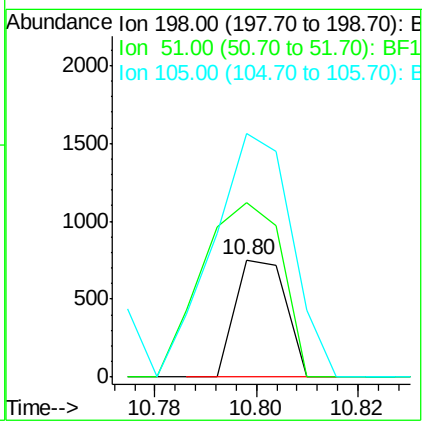


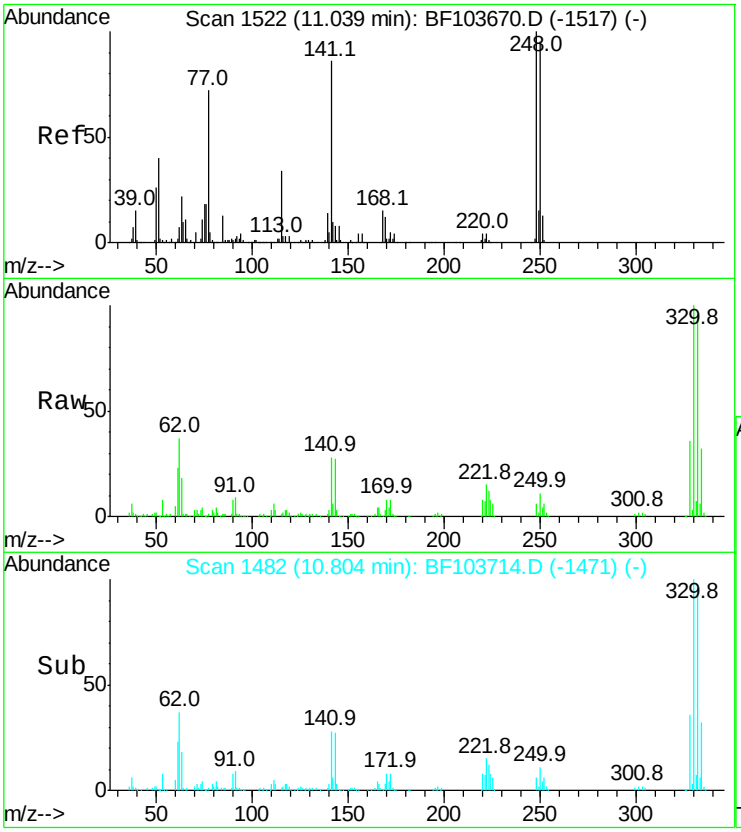


#64
4,6-Dinitro-2-methylphenol
Concen: 8.453 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.20 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Tgt Ion:198 Resp: 518

Ion	Ratio	Lower	Upper
198	100		
51	148.6	37.7	77.7#
105	207.6	36.3	76.3#



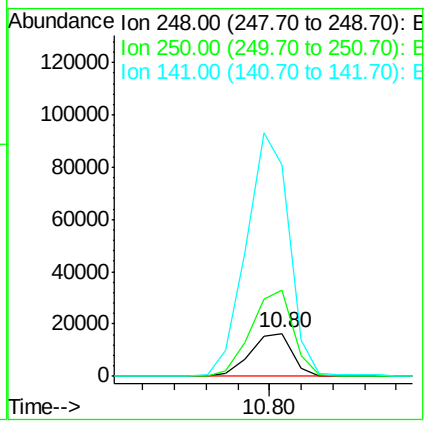


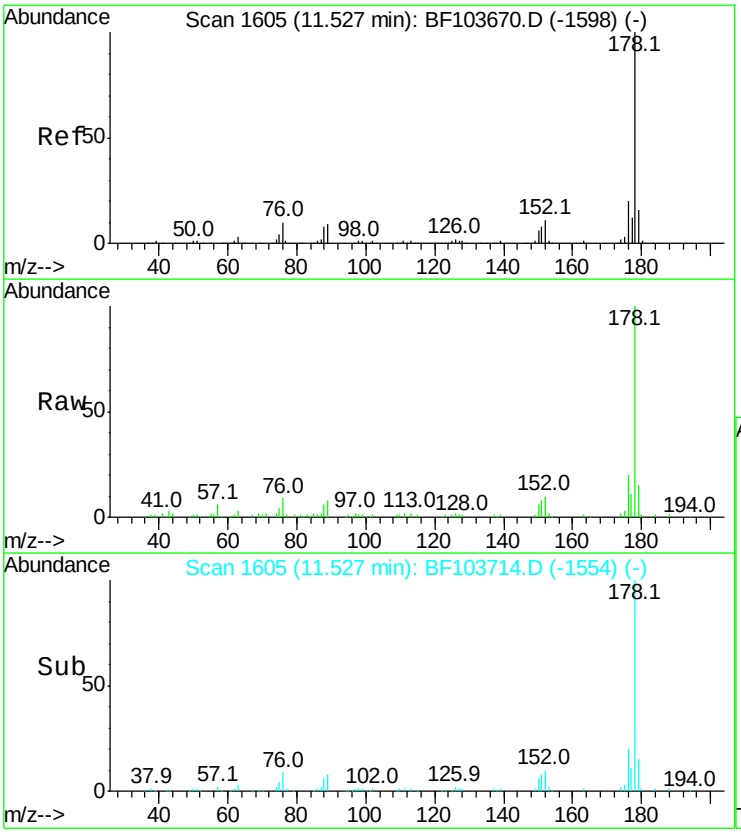
#66
4-Bromophenyl-phenylether
Concen: 3.178 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 15030

Ion	Ratio	Lower	Upper
248	100		
250	202.4	76.9	115.3#
141	493.8	74.4	111.6#

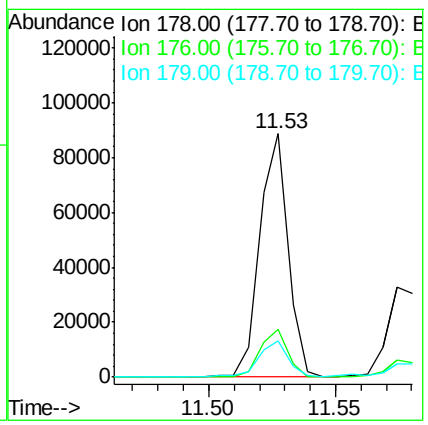


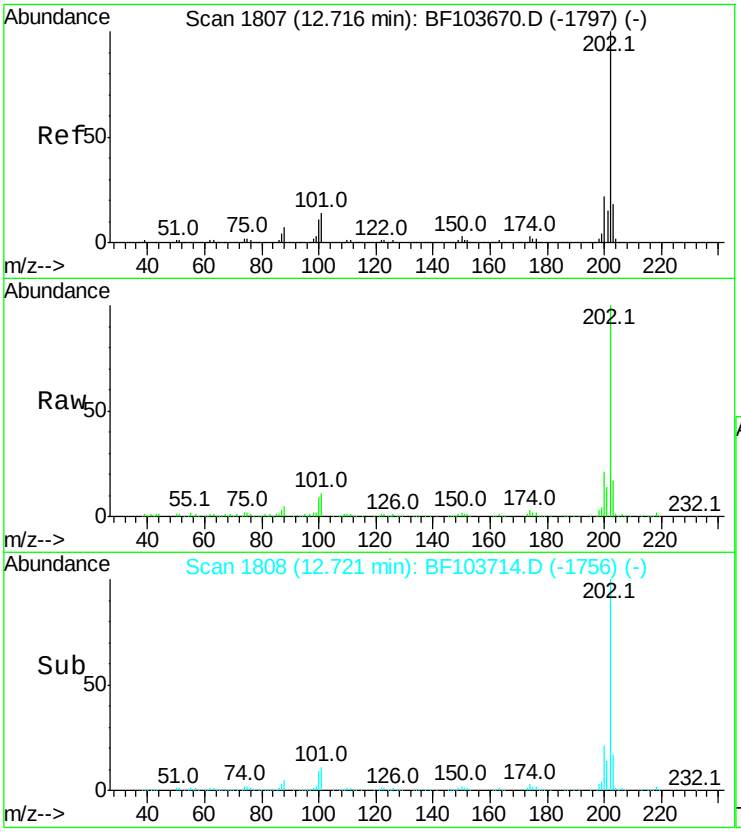


#70
Phenanthrene
Concen: 2.747 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Tgt Ion:178 Resp: 69210

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	14.9	13.0	19.6



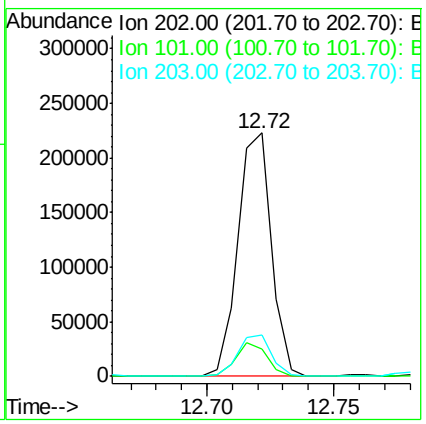


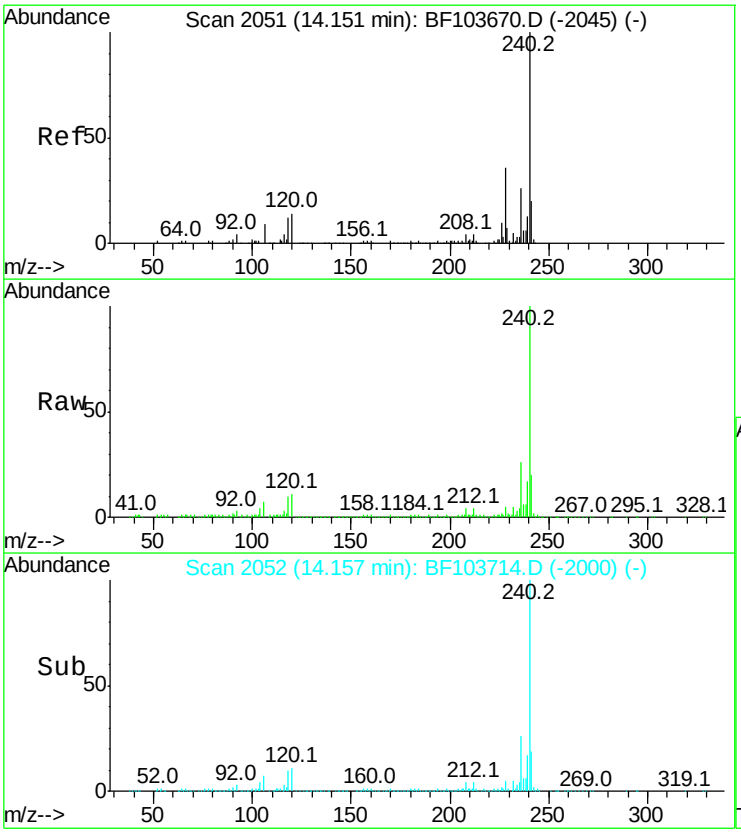
#74
Fluoranthene
Concen: 7.883 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 204607

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.0	0.0	38.1

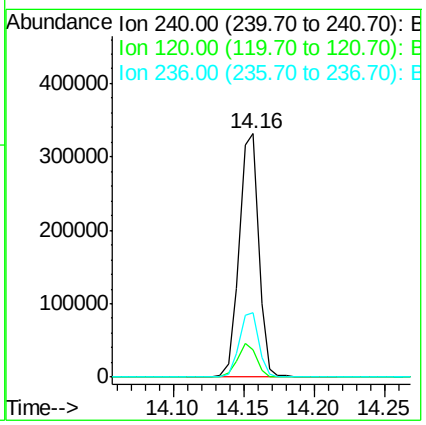


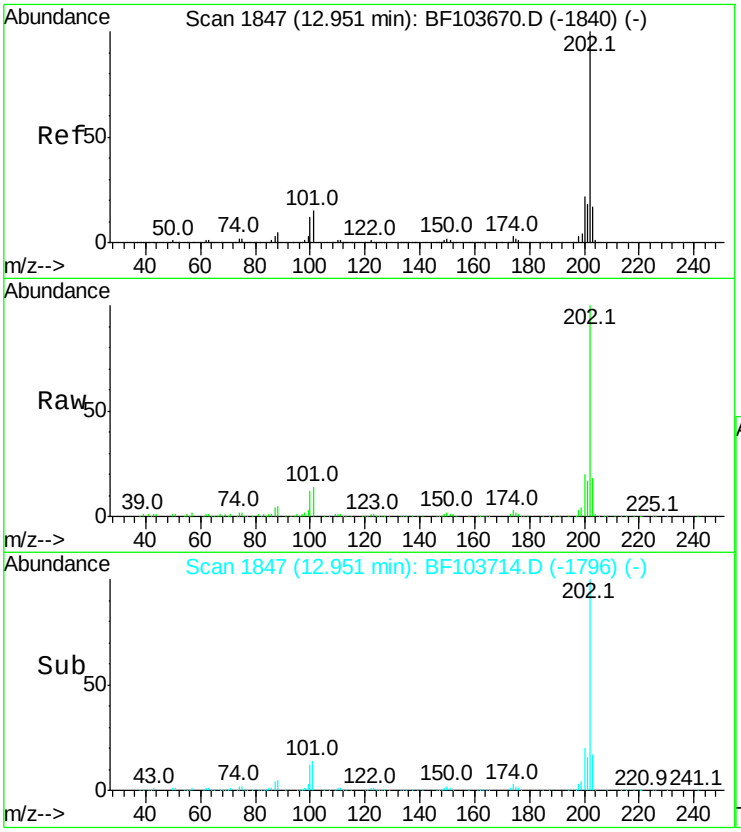


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Tgt Ion:240 Resp: 320919

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	26.5	20.7	31.1



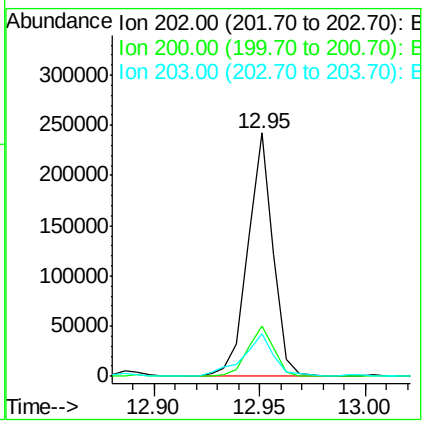


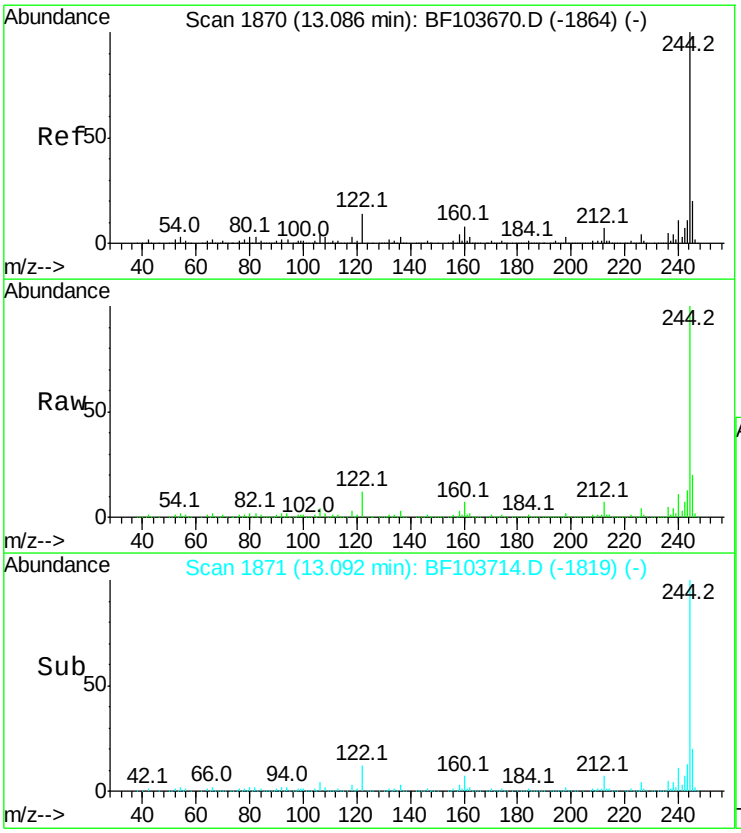
#77
Pyrene
Concen: 8.508 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 200527

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.5	14.3	21.5

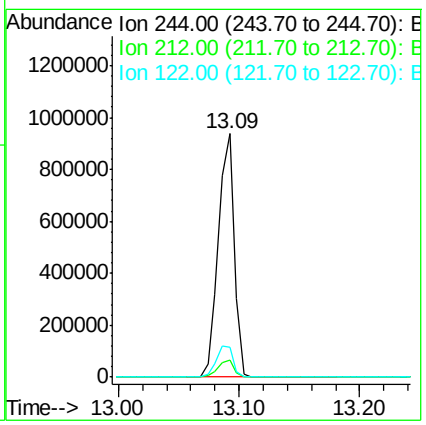


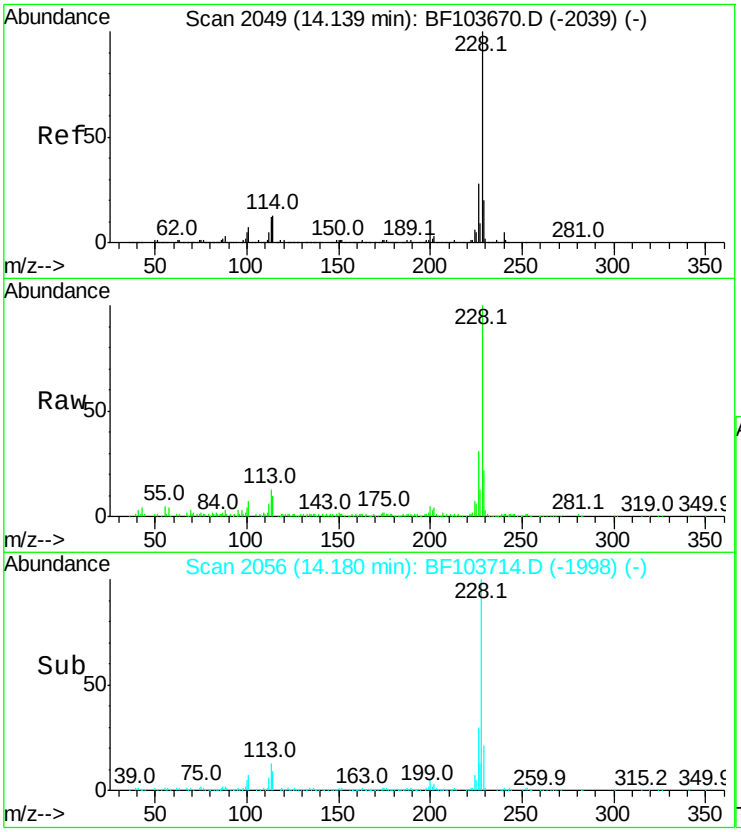


#78
Terphenyl-d14
Concen: 61.613 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Tgt Ion:244 Resp: 851856

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.1	11.0	16.4



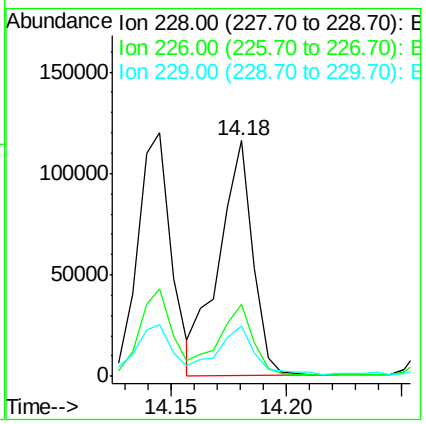


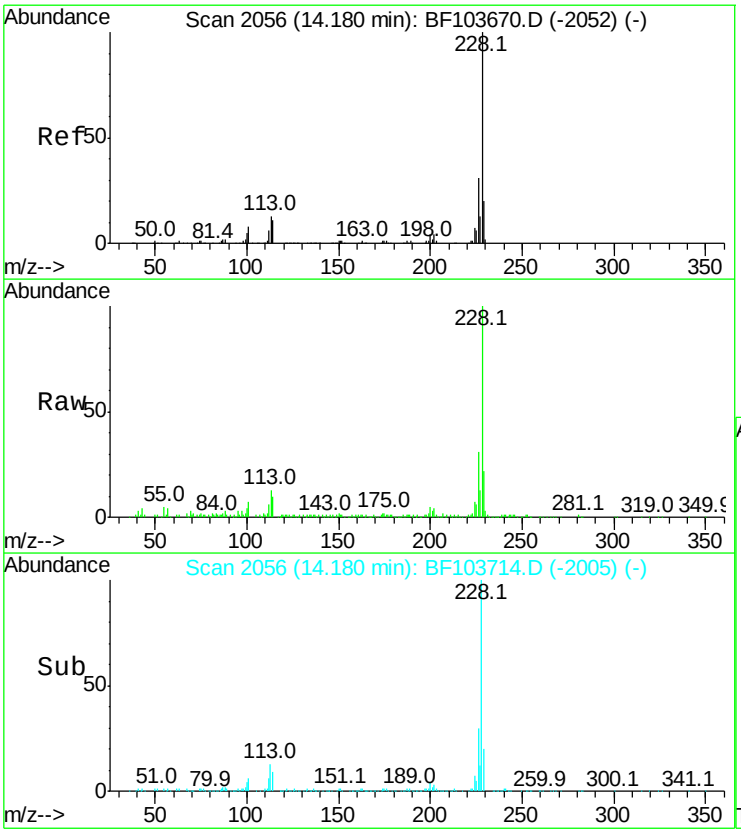
#80
Benzo(a)anthracene
Concen: 5.803 ng
RT: 14.18 min Scan# 2056
Delta R.T. 0.04 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 117873

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	21.6	15.8	23.6

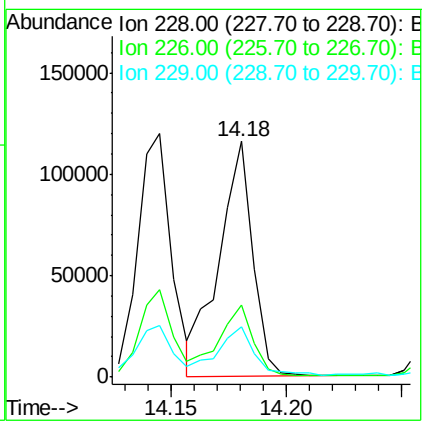


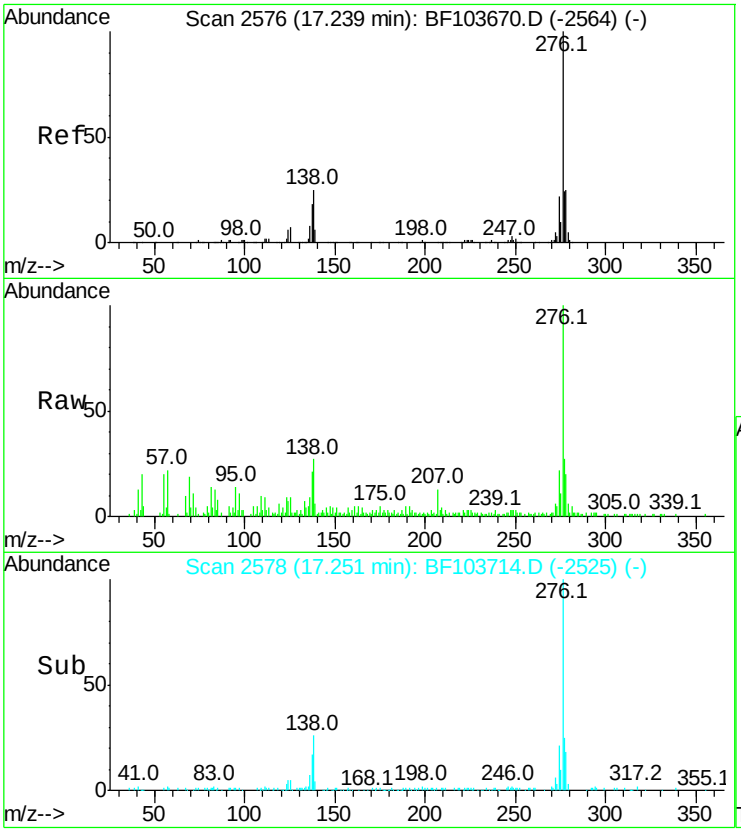


#82
Chrysene
Concen: 6.087 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Tgt Ion:228 Resp: 117873

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	21.6	16.2	24.4



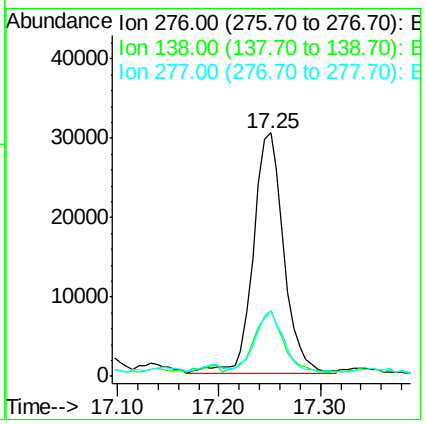


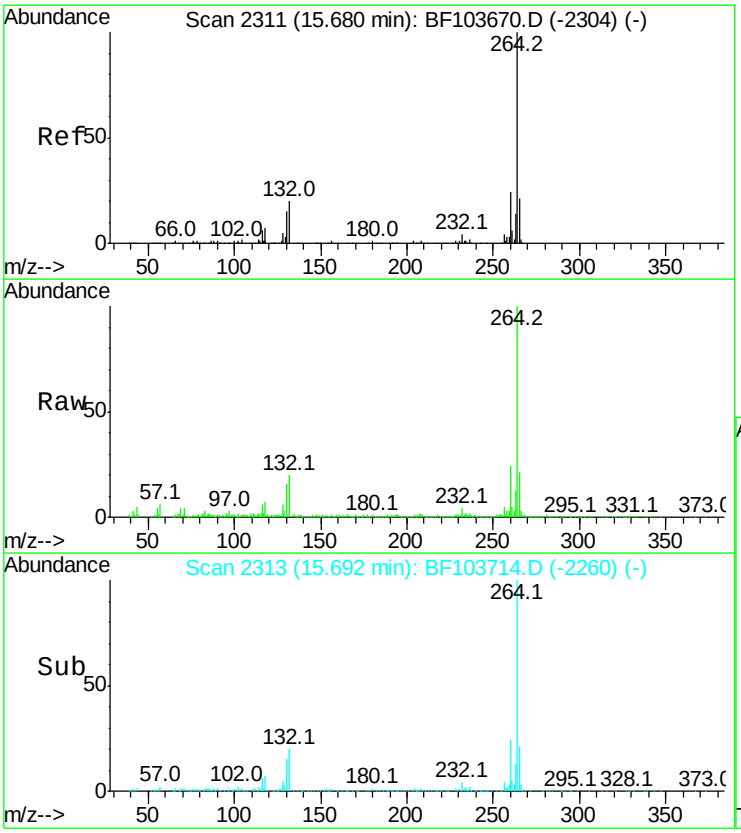
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.747 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.01 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 63360

Ion	Ratio	Lower	Upper
276	100		
138	25.1	25.0	37.6
277	23.1	20.1	30.1

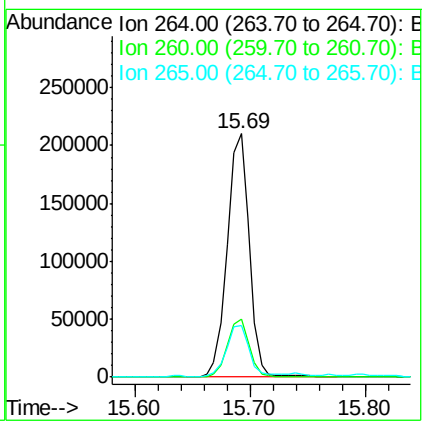


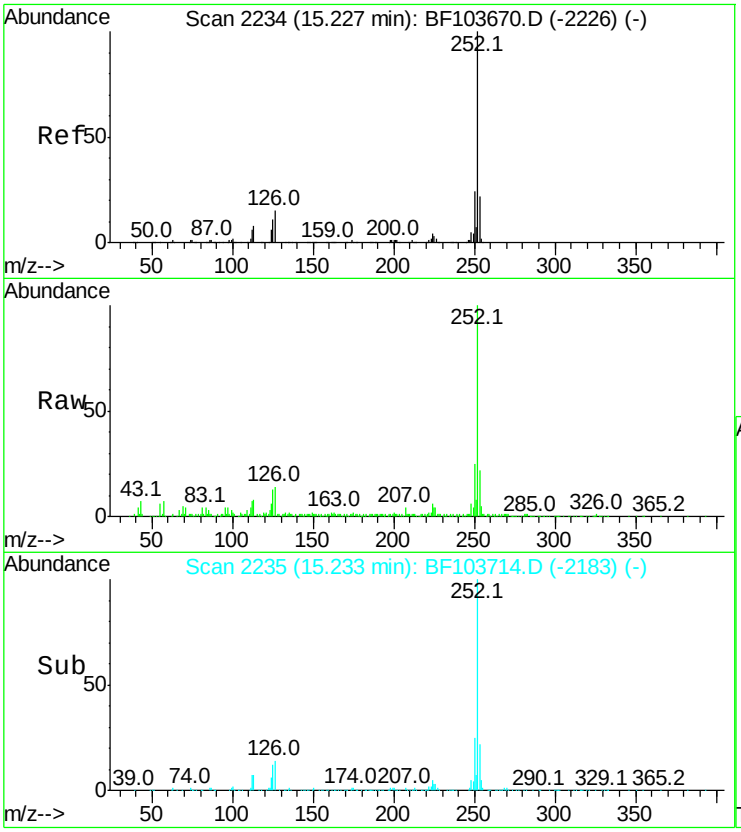


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Tgt Ion:264 Resp: 275829

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	17.5	26.3



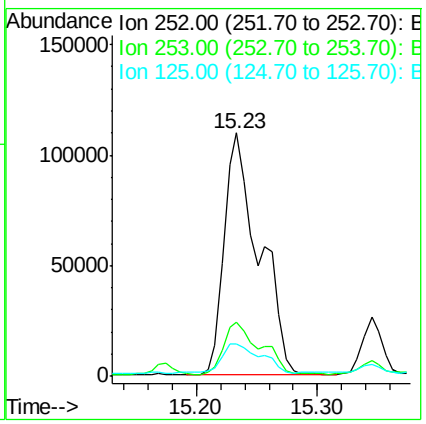


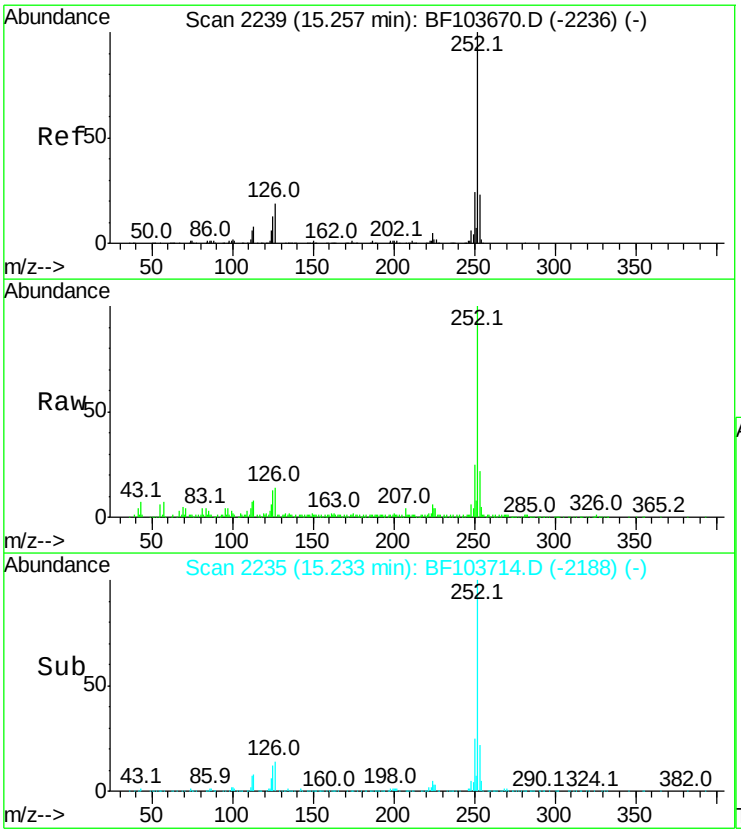
#87
Benzo(b)fluoranthene
Concen: 12.660 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 220622

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	13.2	9.0	13.6

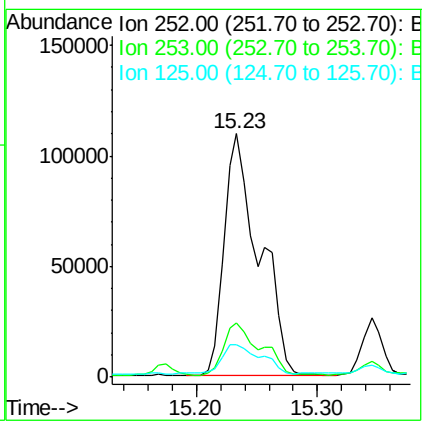


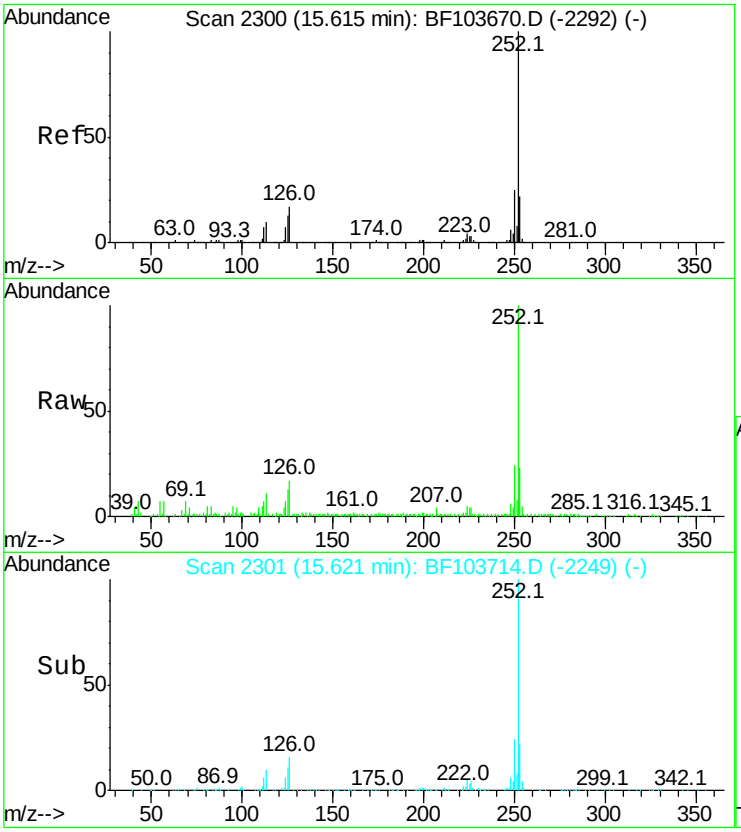


#88
Benzo(k)fluoranthene
Concen: 13.170 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Tgt Ion:252 Resp: 220622

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.2	10.2	15.2



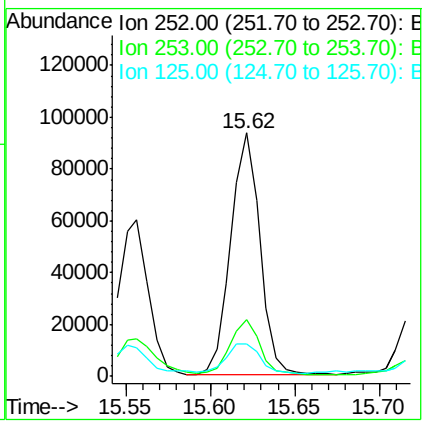


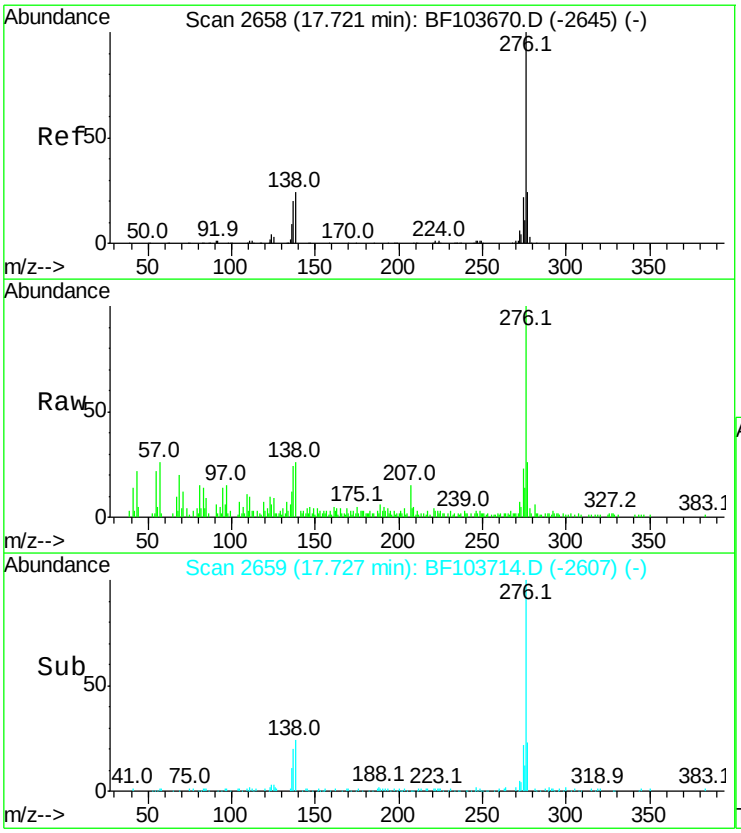
#89
Benzo(a)pyrene
Concen: 7.066 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 111688

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	13.3	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.258 ng
RT: 17.73 min Scan# 2659
Delta R.T. 0.01 min
Lab File: BF103714.D
Acq: 16 Mar 2018 23:20

Tgt Ion:276 Resp: 56691

Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	26.1	21.8	32.8