Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103702.D
Acq On : 16 Mar 2018 17:59
Operator : JU/SJ
Sample : J1752-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 16 22:59:09 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	6.96	152	180931	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	740057	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	337498	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	570316	20.00	ng		0.00
75) Chrysene-d12	14.14	240	374950	20.00	ng		0.00
86) Perylene-d12	15.68	264	354855	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1197305	100.65	ng		0.00
7) Phenol-d6	6.59	99	1468550	100.91	ng		0.00
23) Nitrobenzene-d5	7.53	82	891794	84.03	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	305795	105.38	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1362552	64.40	ng		0.00
78) Terphenyl-d14	13.09	244	1112730	68.88	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.59	94	43329	2.802	ng	#	54
19) n-Nitroso-di-n-propylamine	7.53	70	121790	13.058	ng	#	75
25) Isophorone	7.53	82	889769	36.218	ng	#	64
32) Benzoic acid	7.91	122	3411	10.270	ng		93
47) 2-Nitroaniline	9.55	65	117	6.831	ng	#	8
49) Dimethylphthalate	9.71	163	131427	5.104	ng		99
50) 2,6-Dinitrotoluene	9.71	165	1579	4.274	ng	#	3
55) 4-Nitrophenol	10.09	139	582	5.086	ng	#	1
56) 2,4-Dinitrotoluene	10.00	165	44533	12.357	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.79	198	698	8.483	ng	#	1
66) 4-Bromophenyl-phenylether	10.79	248	19287	3.294	ng	#	1
74) Fluoranthene	12.71	202	146954	4.572	ng		97
77) Pyrene	12.94	202	124146	4.508	ng		98
80) Benzo(a)anthracene	14.13	228	52445	2.210	ng		95
82) Chrysene	14.17	228	52568	2.323	ng		96
87) Benzo(b)fluoranthene	15.22	252	68410	3.051	ng	#	85
88) Benzo(k)fluoranthene	15.22	252	68410	3.174	ng	#	88
89) Benzo(a)pyrene	15.61	252	45695	2.247	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
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Acq On : 16 Mar 2018 17:59
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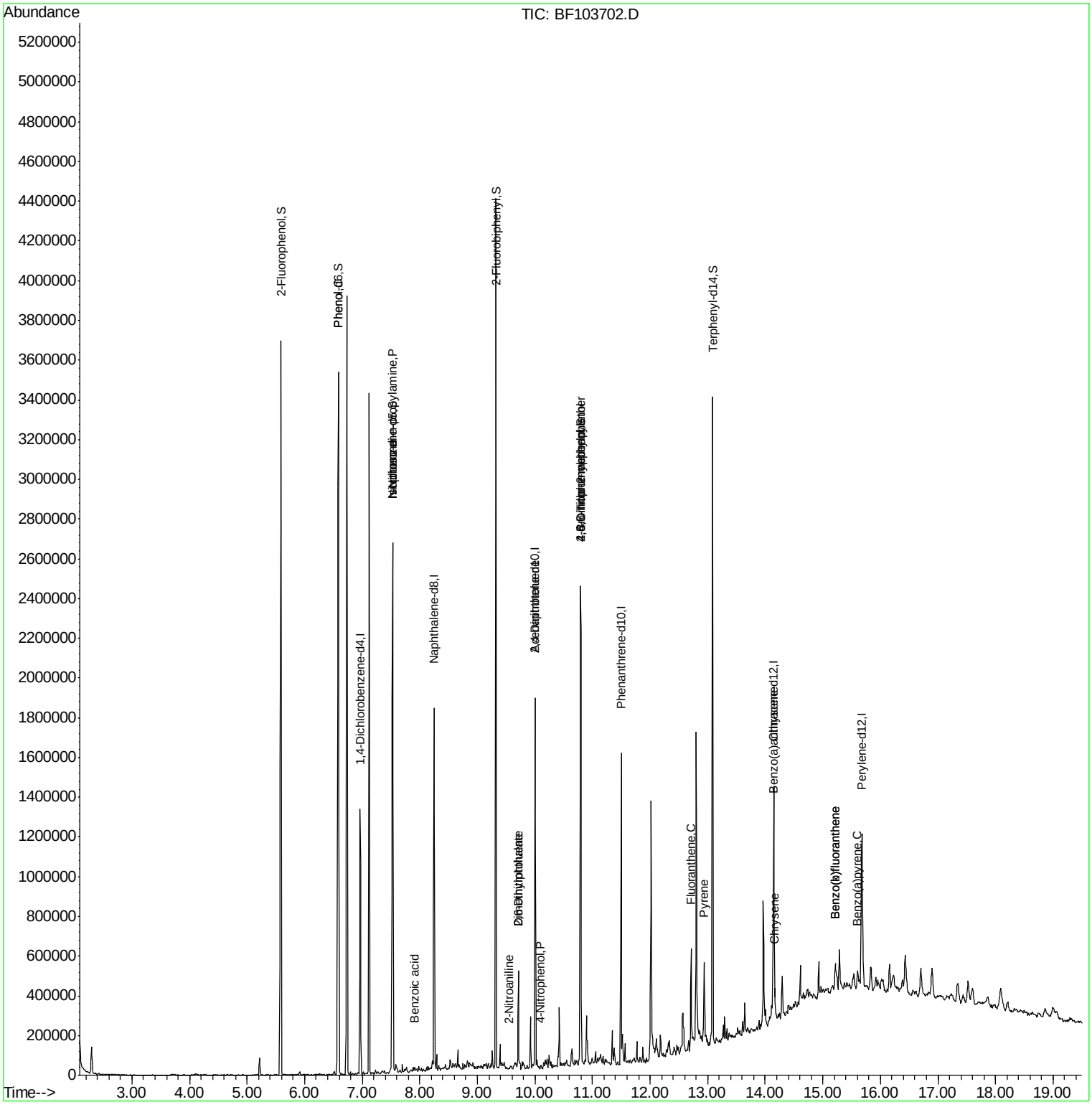
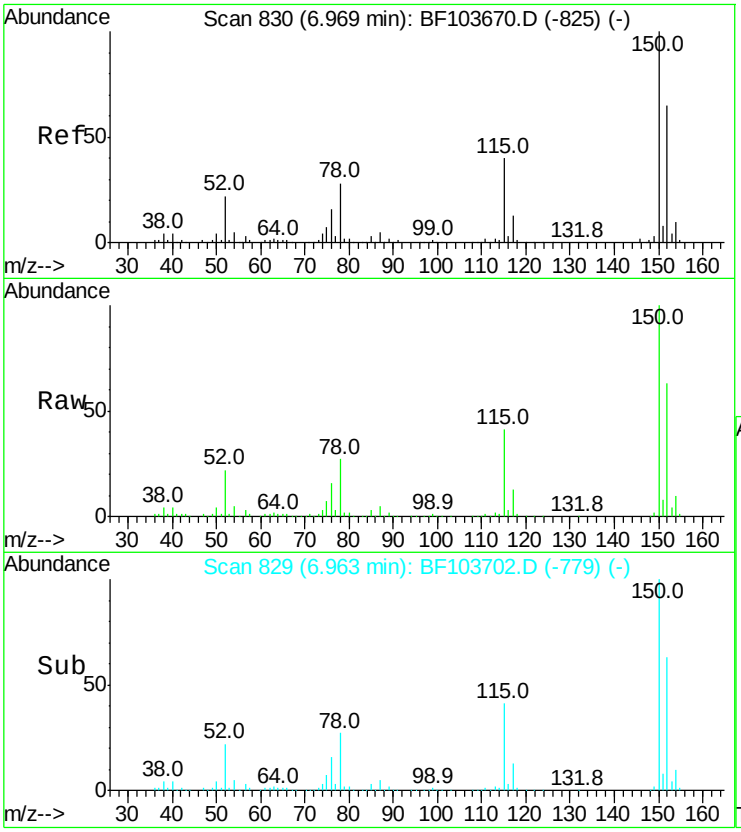


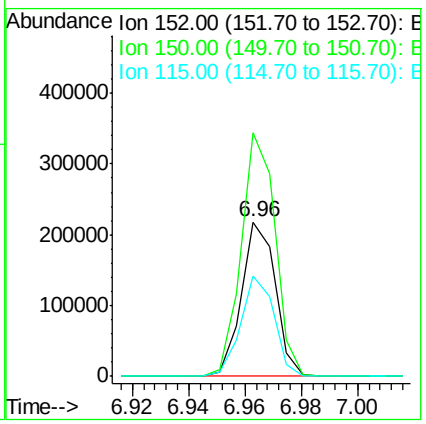


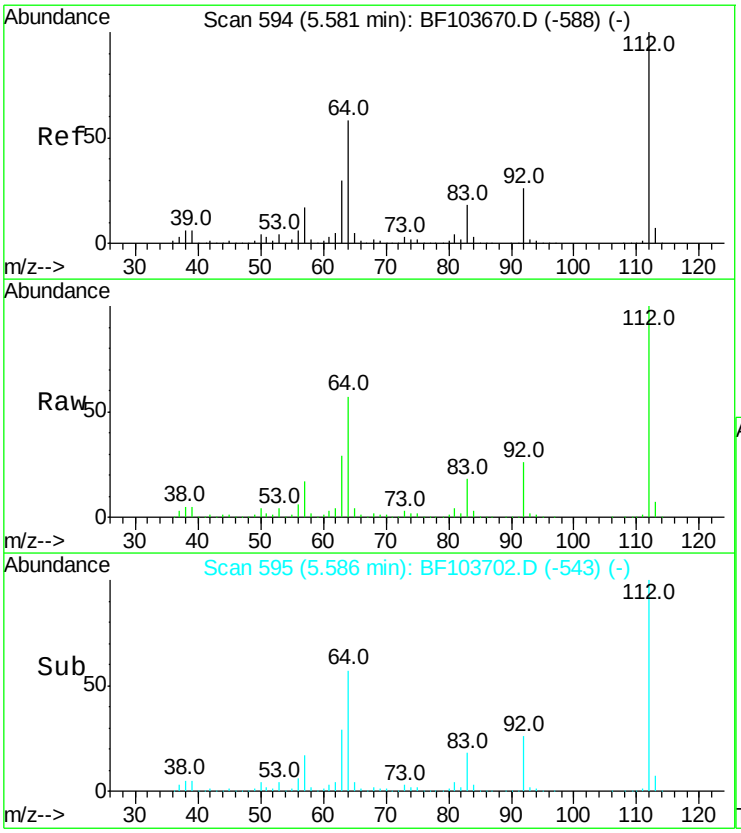
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 180931

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	65.2	50.1	75.1

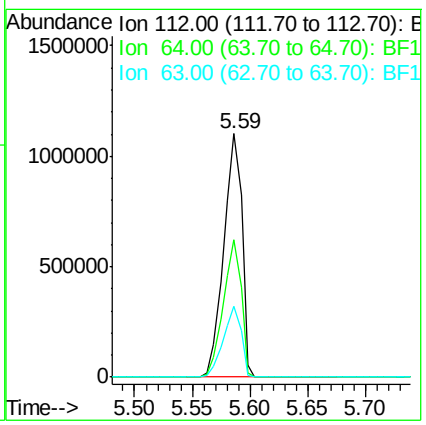


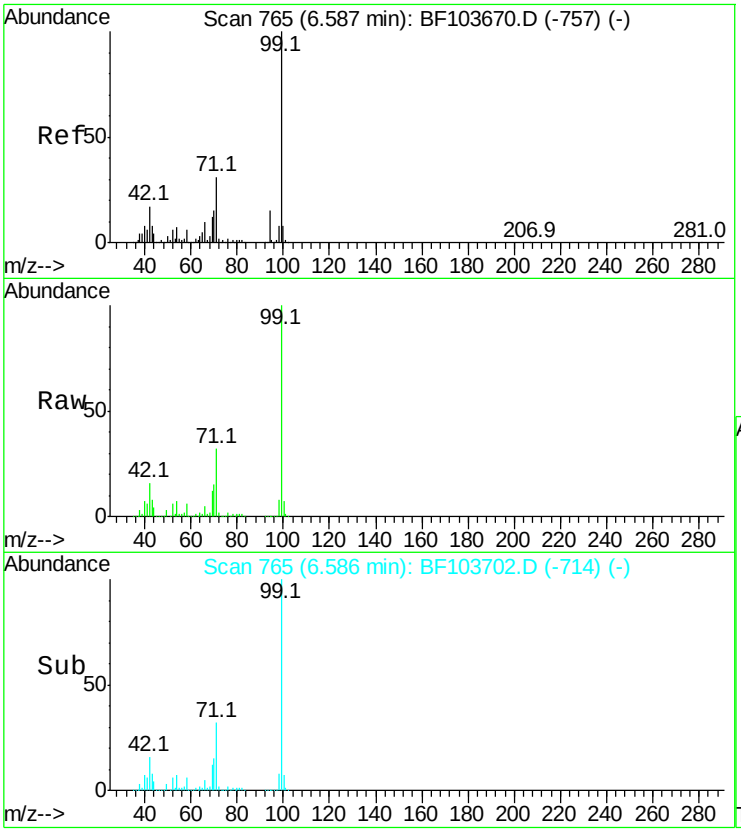


#5
2-Fluorophenol
Concen: 100.651 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Tgt Ion:112 Resp: 1197305

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	28.9	23.7	35.5



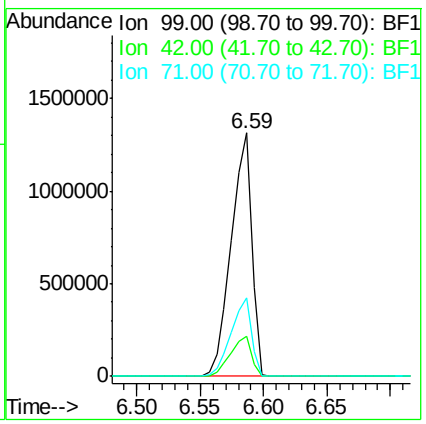


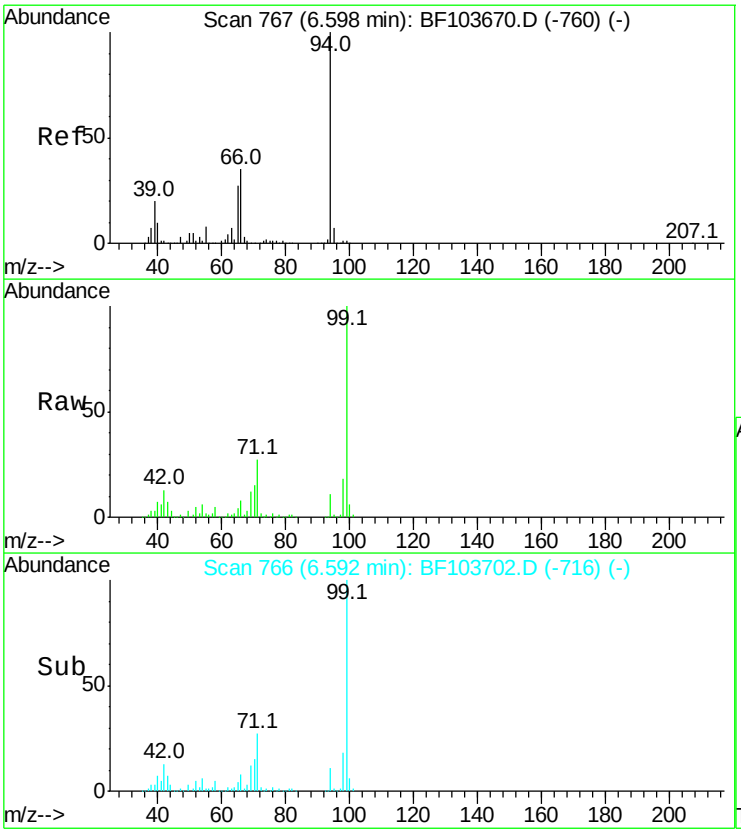
#7
Phenol-d6
Concen: 100.908 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1468550

Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	32.1	25.4	38.0

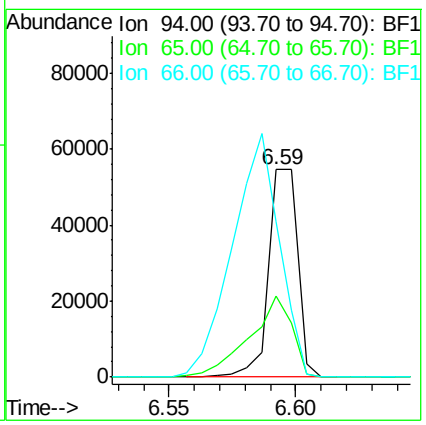


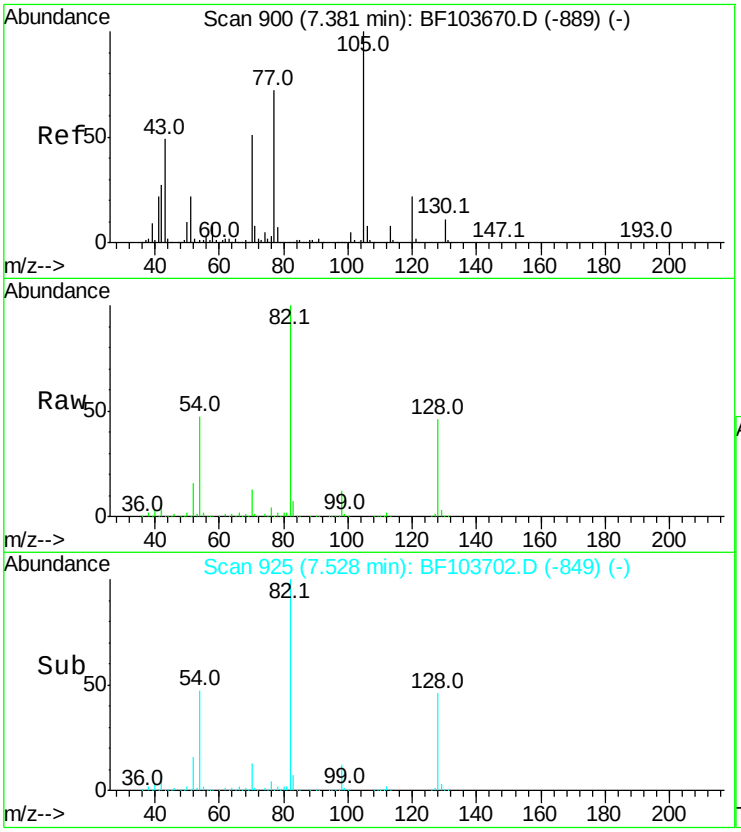


#10
Phenol
Concen: 2.802 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Tgt Ion: 94 Resp: 43329

Ion	Ratio	Lower	Upper
94	100		
65	38.8	7.9	47.9
66	74.7	16.2	56.2#



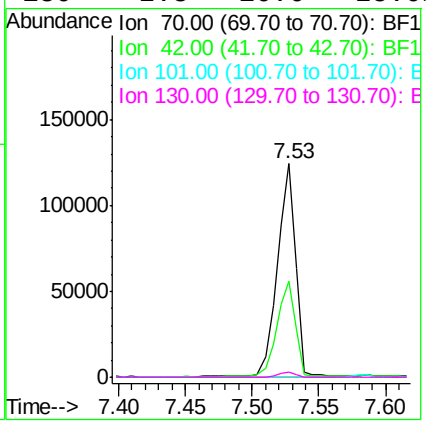


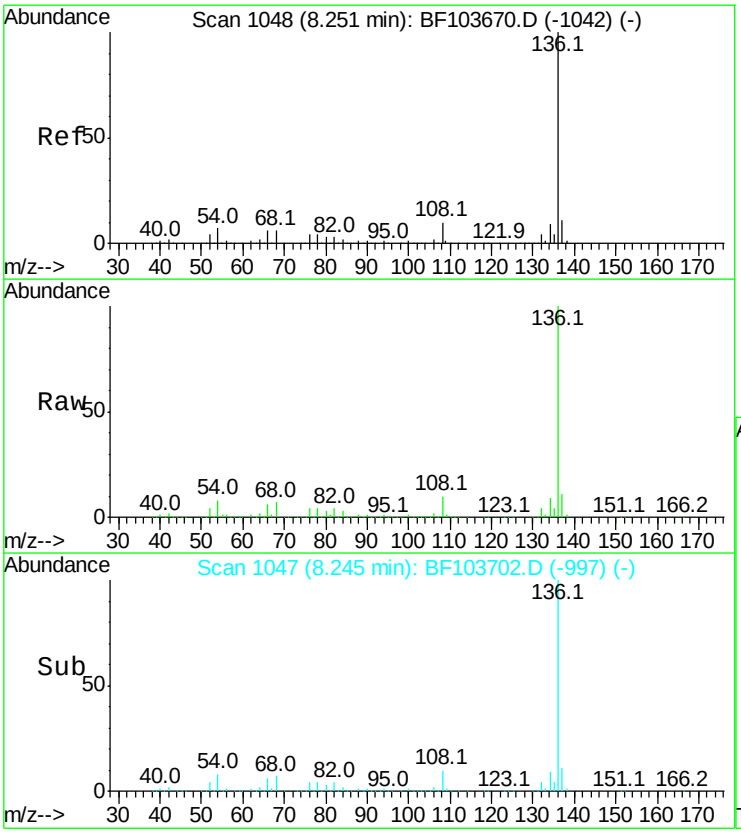
#19
n-Nitroso-di-n-propylamine
Concen: 13.058 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 121790

Ion	Ratio	Lower	Upper
70	100		
42	45.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

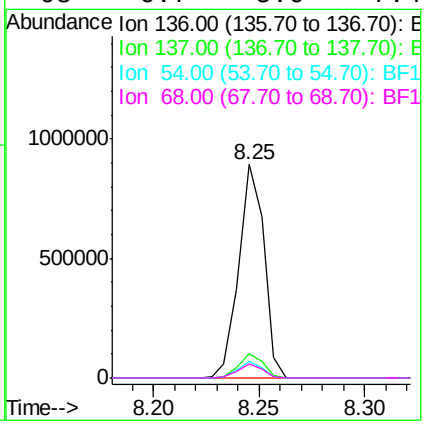


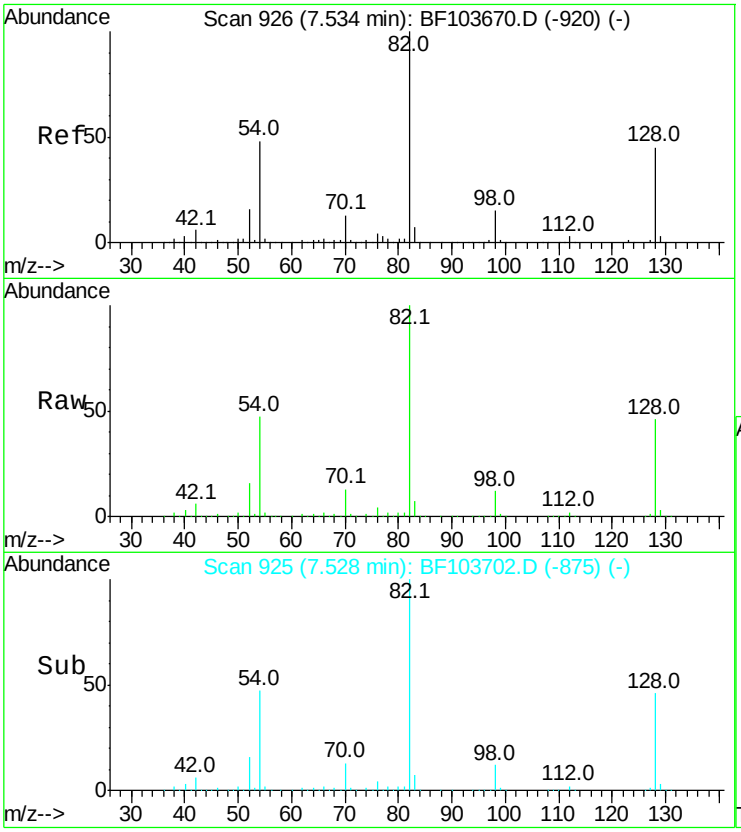


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Tgt Ion:136 Resp: 740057

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.6	6.6	9.8
68	6.7	5.0	7.4



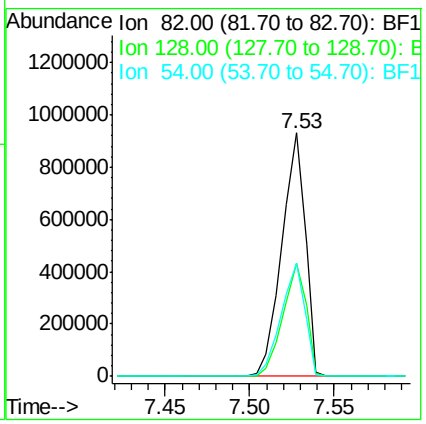


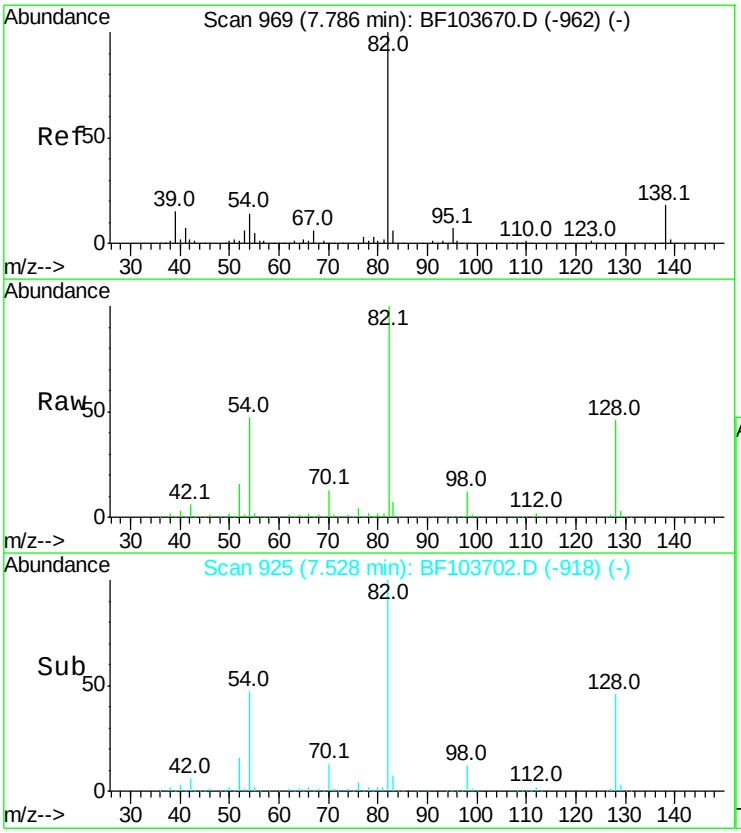
#23
Nitrobenzene-d5
Concen: 84.034 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 891794

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	46.6	41.4	62.2

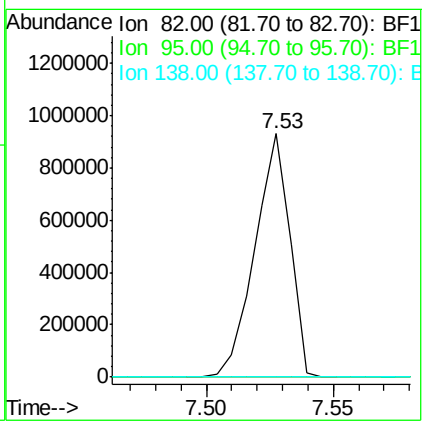


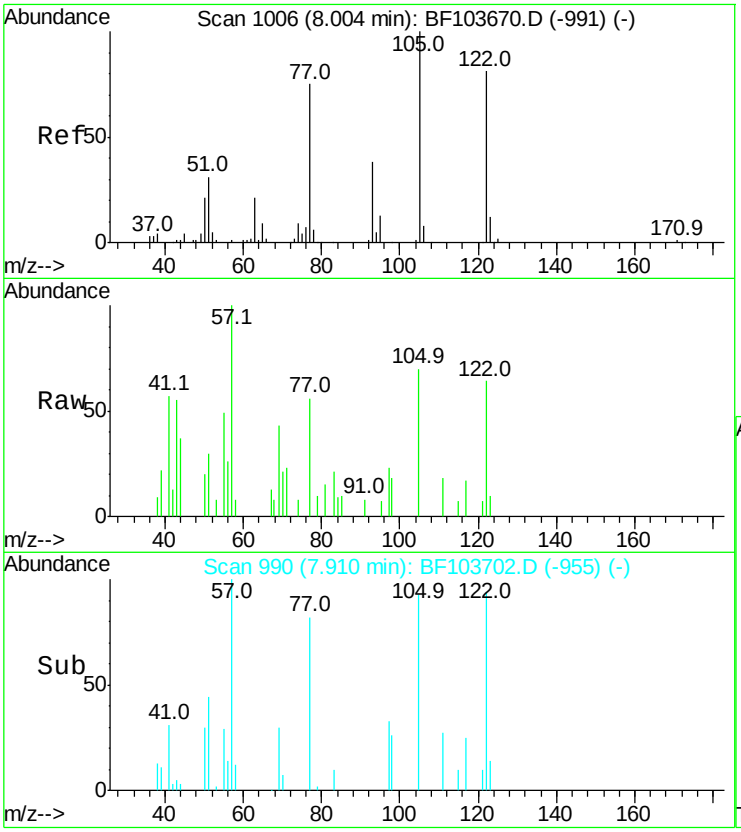


#25
Isophorone
Concen: 36.218 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.26 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Tgt Ion: 82 Resp: 889769

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



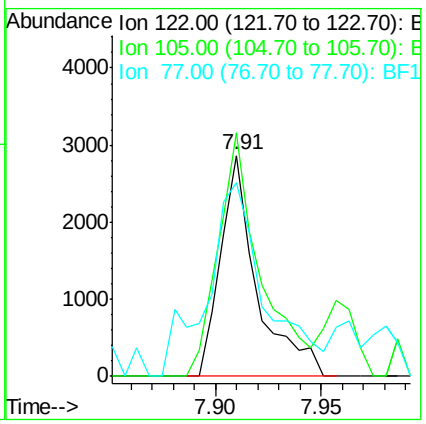


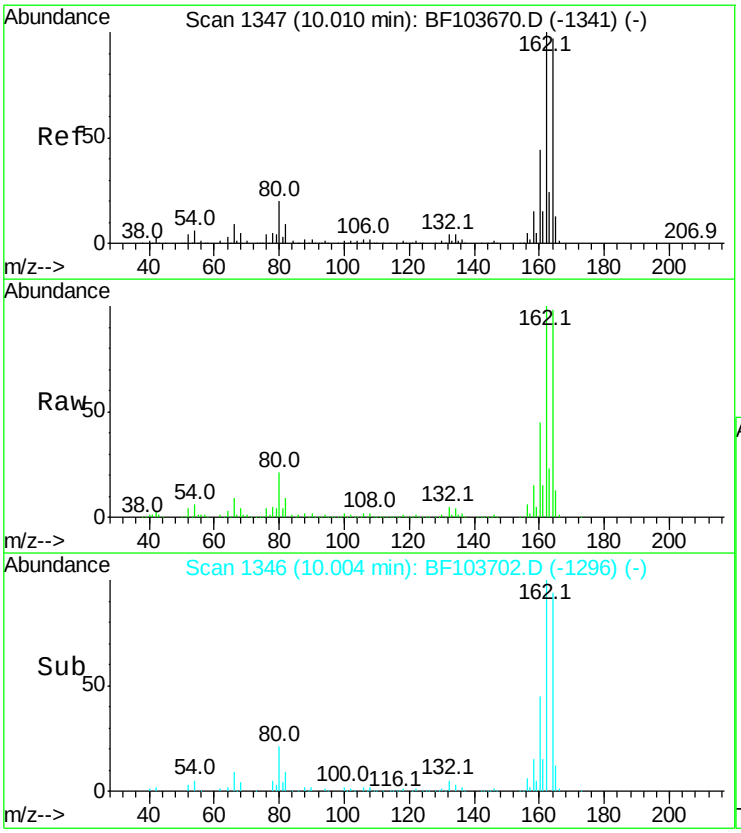
#32
Benzoic acid
Concen: 10.270 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.09 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 3411

Ion	Ratio	Lower	Upper
122	100		
105	110.3	101.1	141.1
77	87.6	70.7	110.7

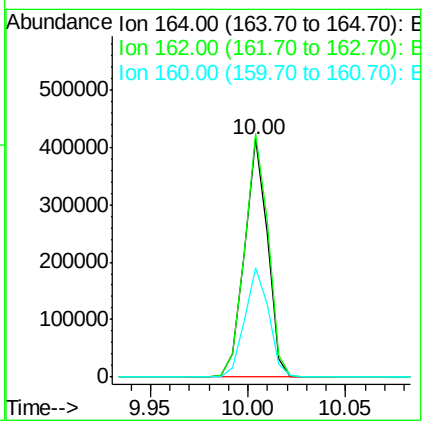


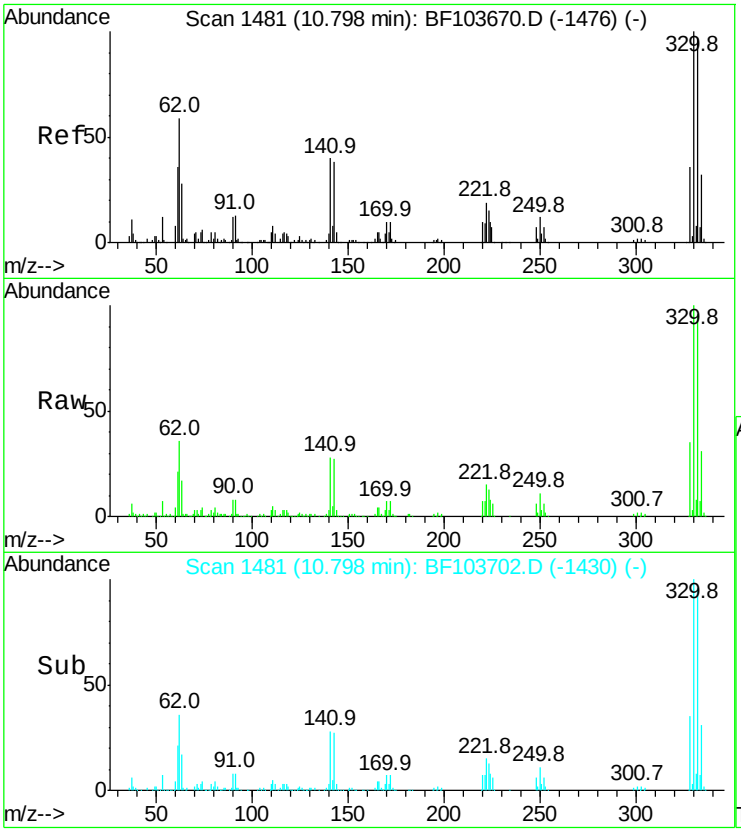


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Tgt Ion:164 Resp: 337498

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	46.0	38.3	57.5



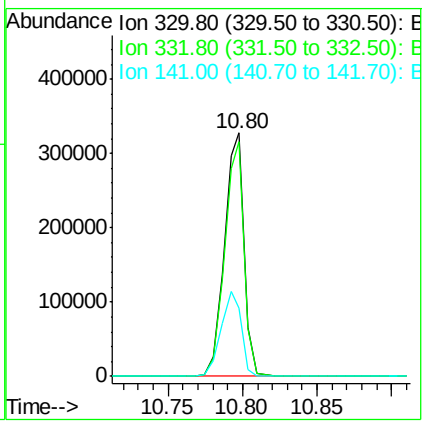


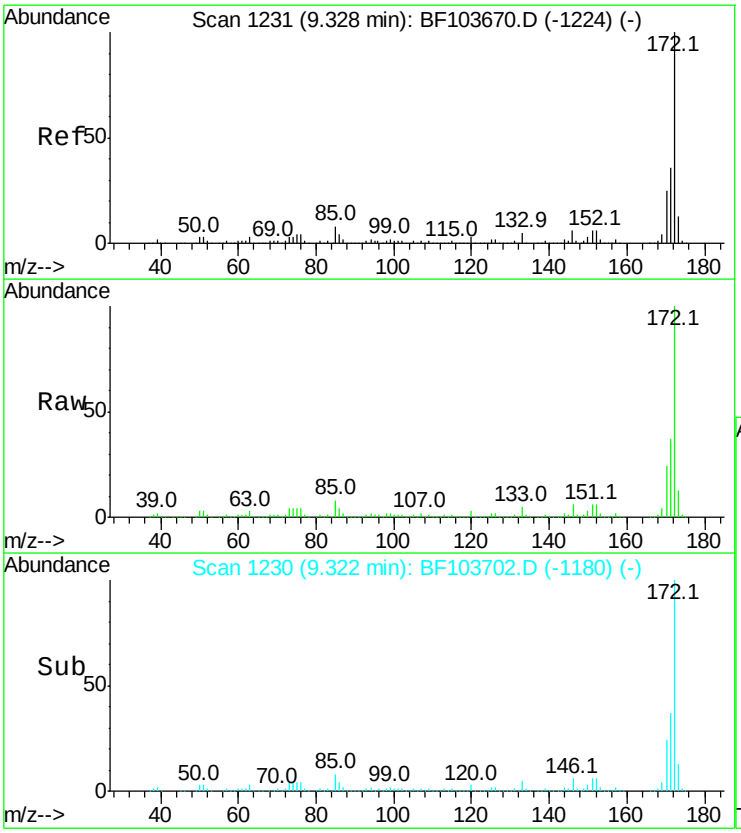
#41
2,4,6-Tribromophenol
Concen: 105.380 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 305795

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	36.7	29.9	44.9

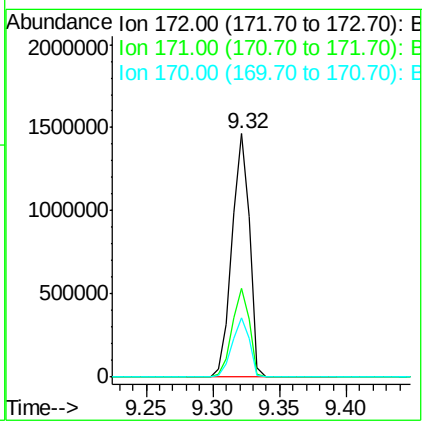


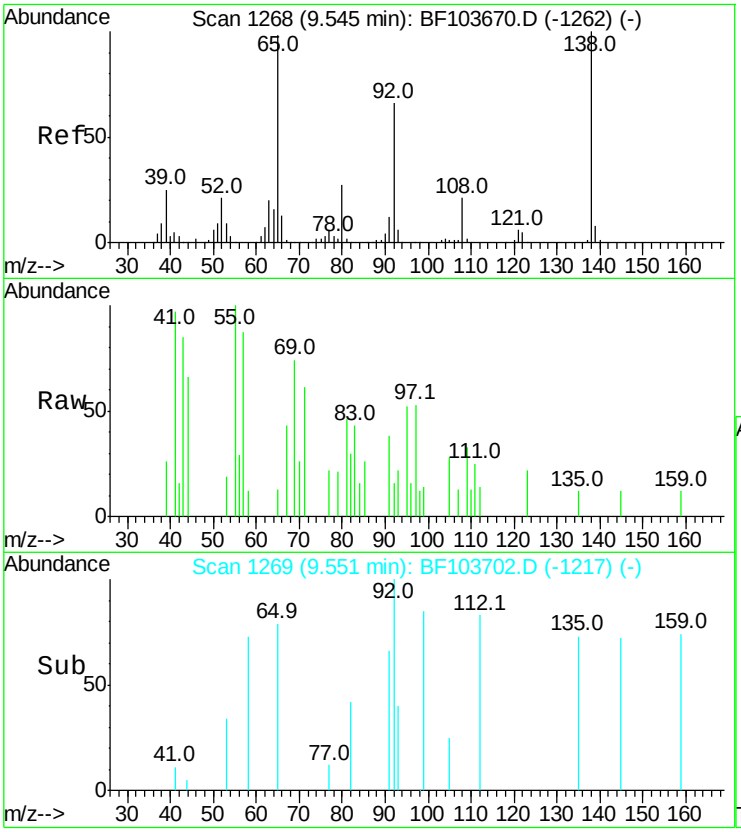


#44
2-Fluorobiphenyl
Concen: 64.400 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Tgt Ion:172 Resp: 1362552

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.2	19.6	29.4



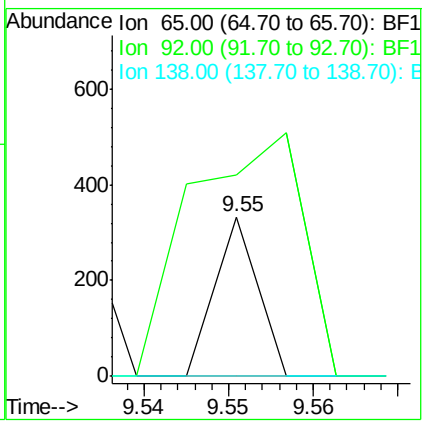


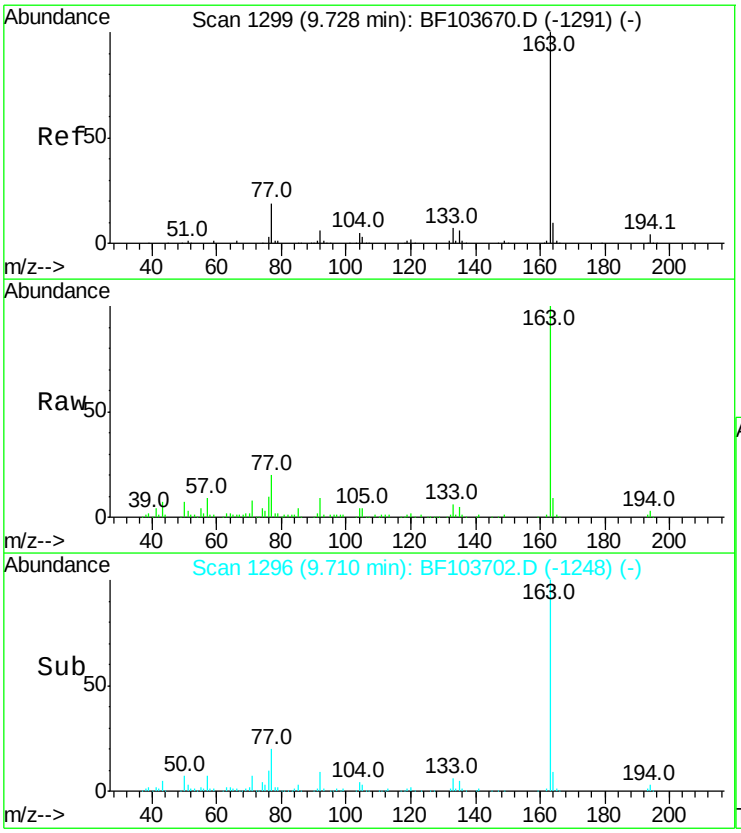
#47
2-Nitroaniline
Concen: 6.831 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 117

Ion	Ratio	Lower	Upper
65	100		
92	126.1	55.8	83.6#
138	0.0	91.2	136.8#

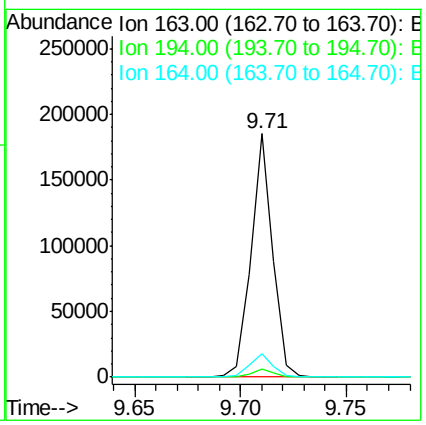


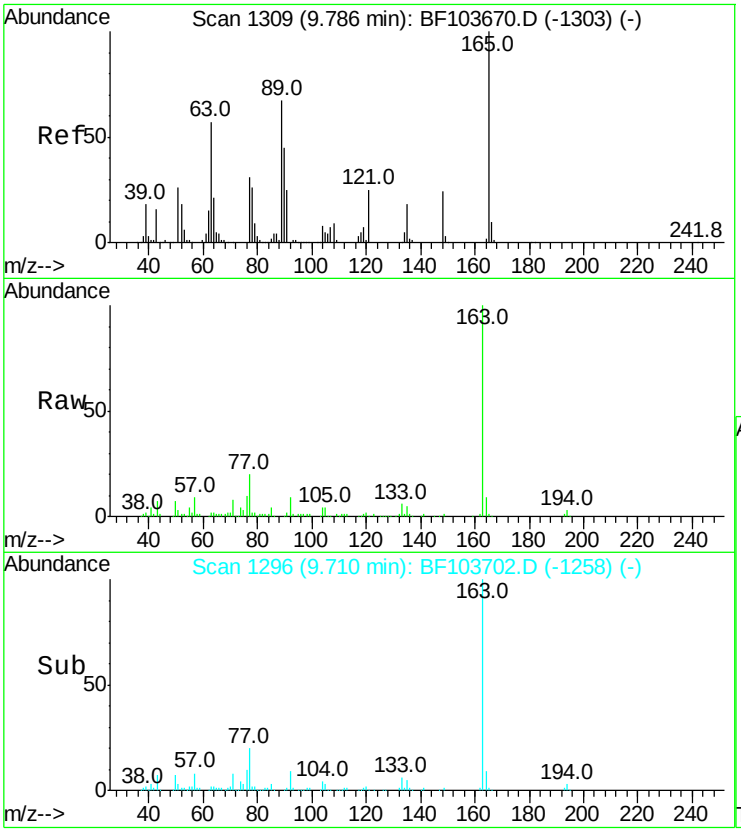


#49
Dimethylphthalate
Concen: 5.104 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Tgt Ion:163 Resp: 131427

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.5	8.2	12.2



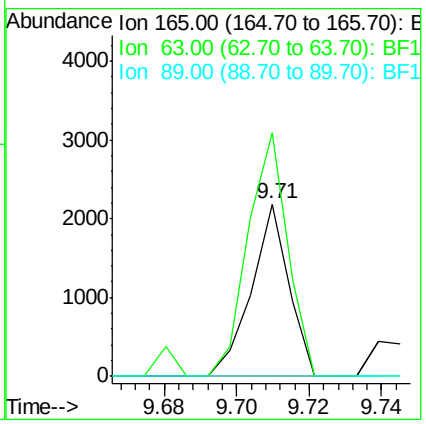


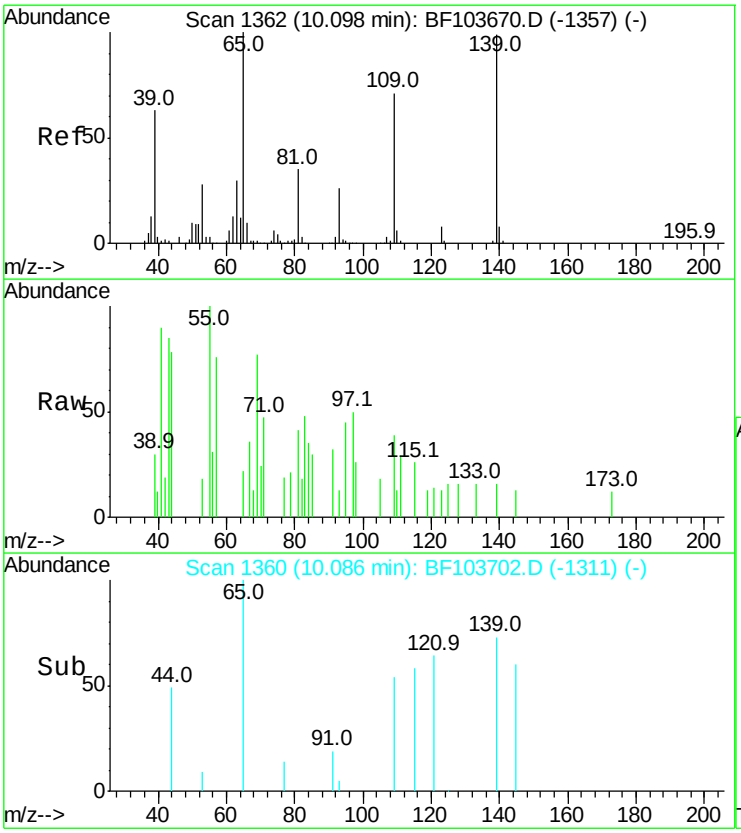
#50
2,6-Dinitrotoluene
Concen: 4.274 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.08 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 1579

Ion	Ratio	Lower	Upper
165	100		
63	141.6	44.7	67.1#
89	0.0	44.0	66.0#

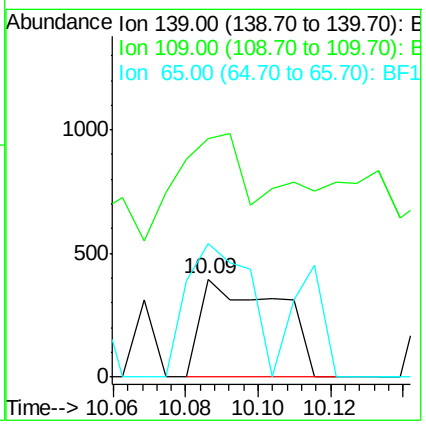


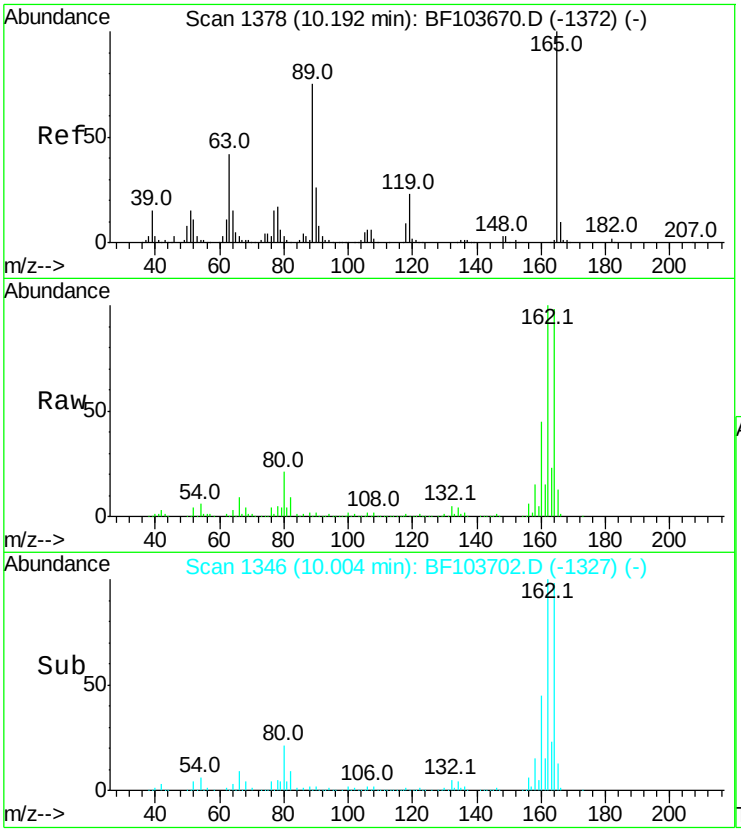


#55
4-Nitrophenol
Concen: 5.086 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Tgt Ion:139 Resp: 582

Ion	Ratio	Lower	Upper
139	100		
109	244.2	48.4	88.4#
65	136.6	72.6	112.6#



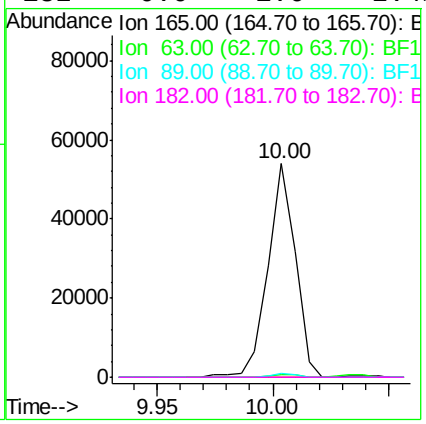


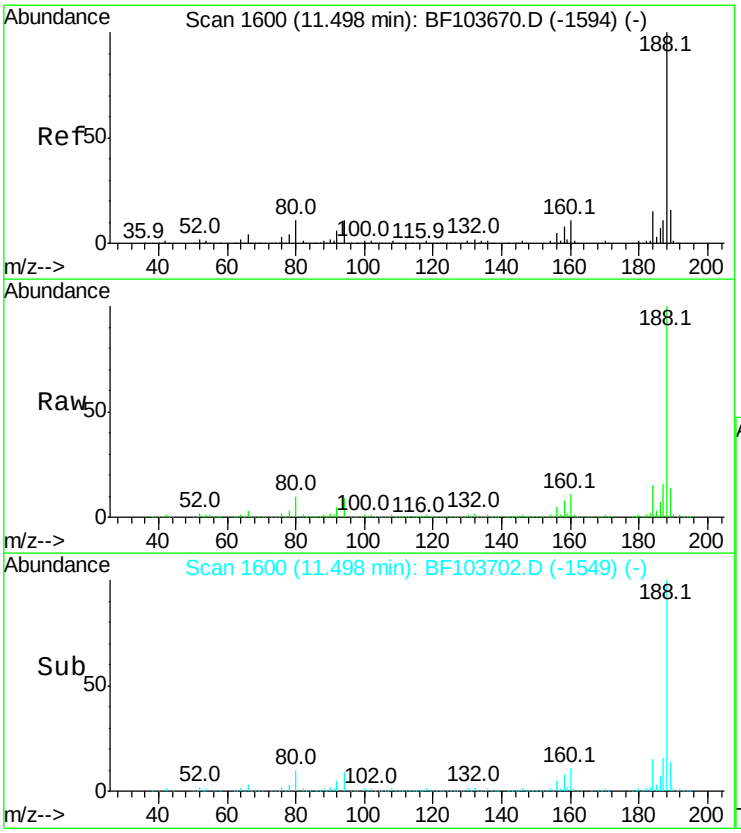
#56
2,4-Dinitrotoluene
Concen: 12.357 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.19 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 44533

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

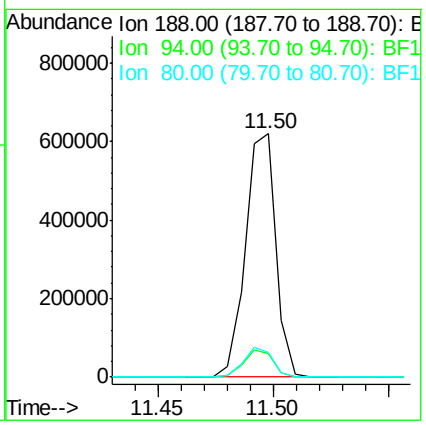


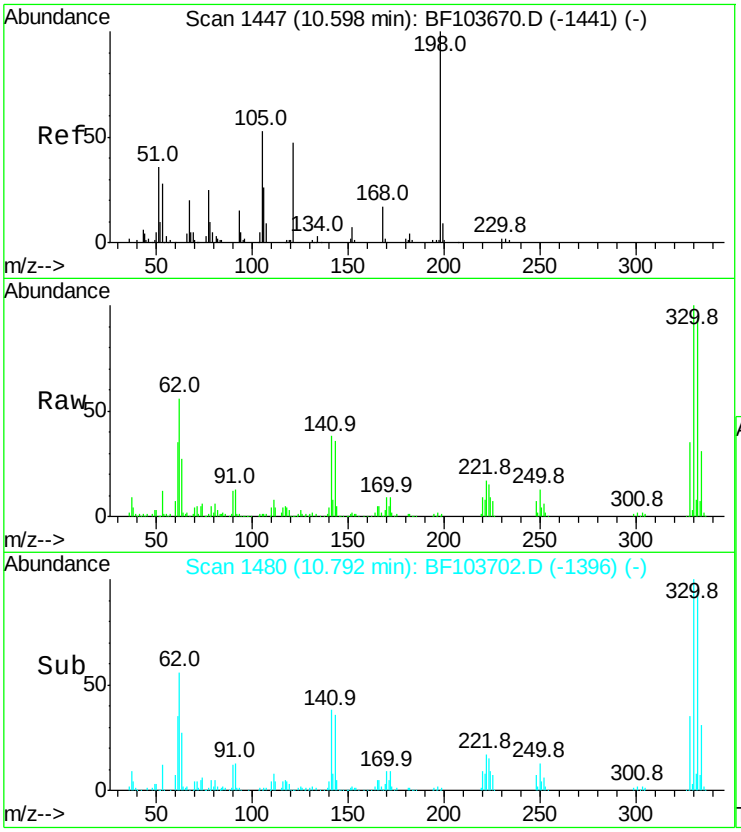


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Tgt Ion:188 Resp: 570316

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.4	9.2	13.8



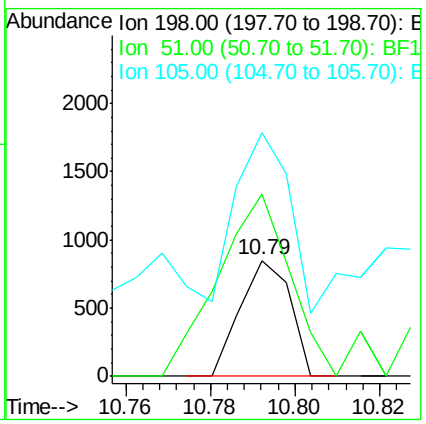


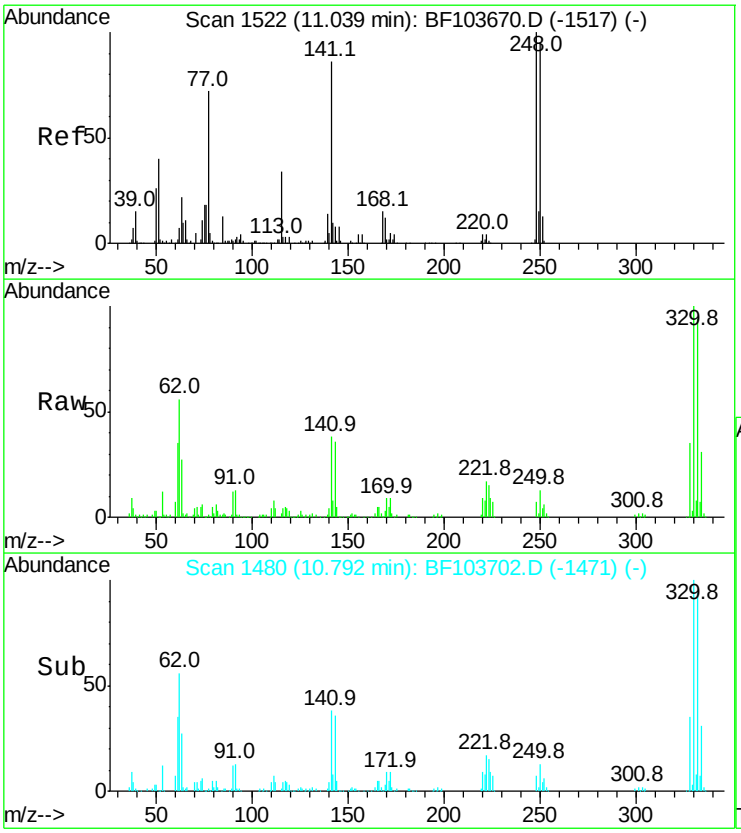
#64
4,6-Dinitro-2-methylphenol
Concen: 8.483 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.19 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 698

Ion	Ratio	Lower	Upper
198	100		
51	156.9	37.7	77.7#
105	210.2	36.3	76.3#

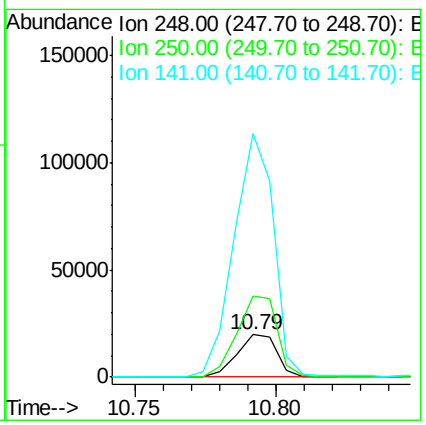


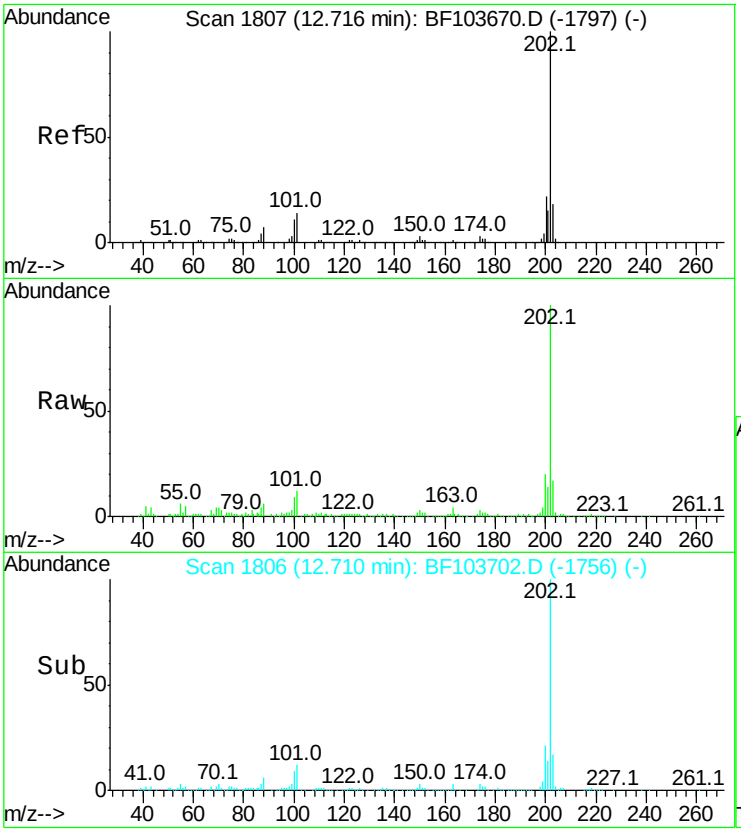


#66
4-Bromophenyl-phenylether
Concen: 3.294 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.25 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Tgt Ion:248 Resp: 19287

Ion	Ratio	Lower	Upper
248	100		
250	191.1	76.9	115.3#
141	577.8	74.4	111.6#



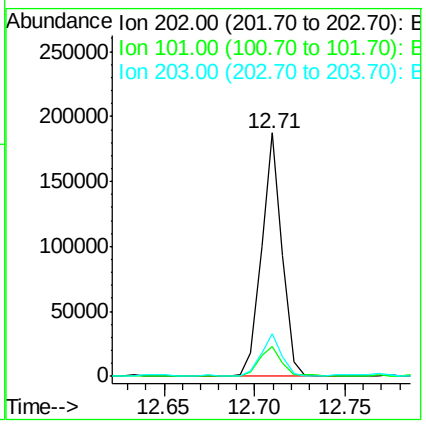


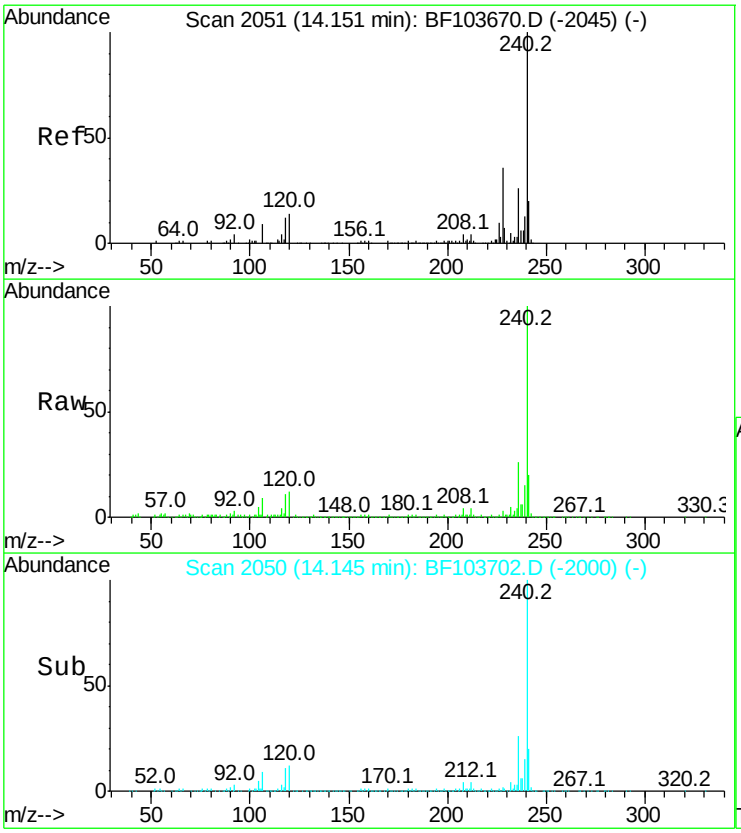
#74
Fluoranthene
Concen: 4.572 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 146954

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	34.1
203	17.4	0.0	38.1

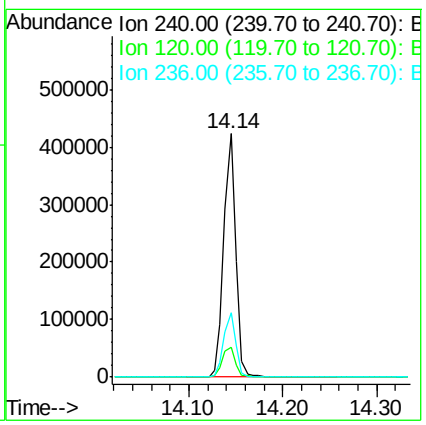


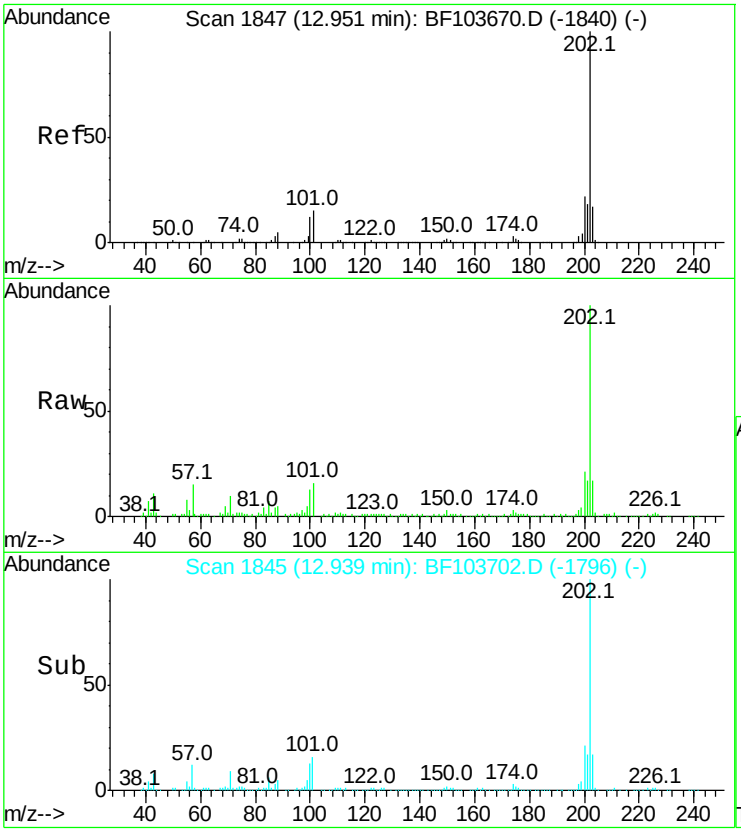


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Tgt Ion:240 Resp: 374950

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	26.4	20.7	31.1



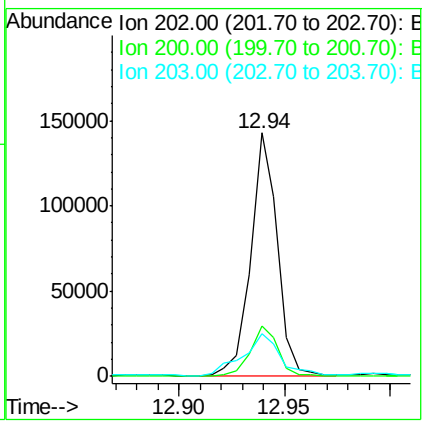


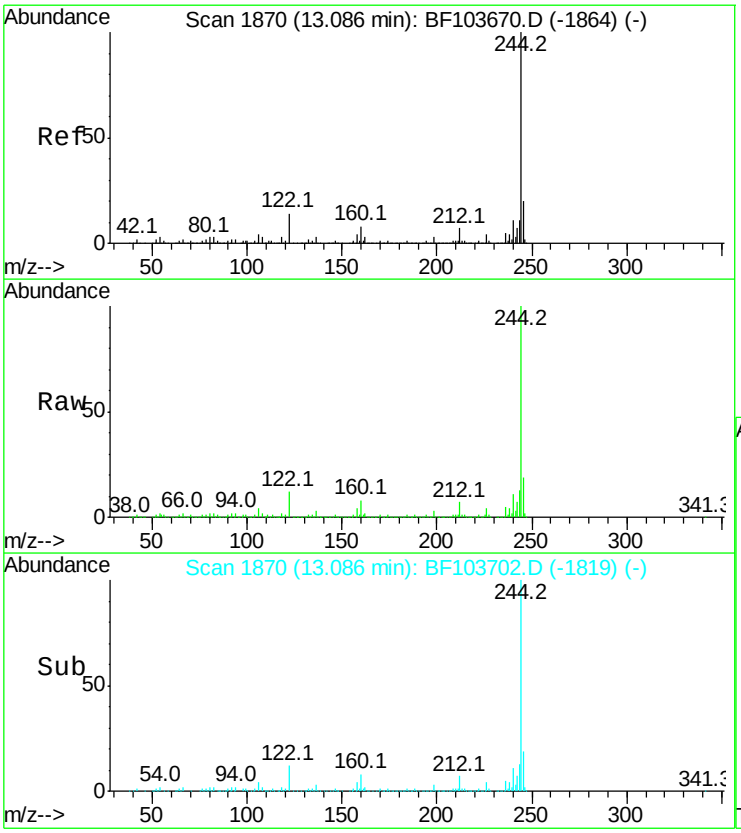
#77
Pyrene
Concen: 4.508 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 124146

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.4	26.2
203	17.3	14.3	21.5

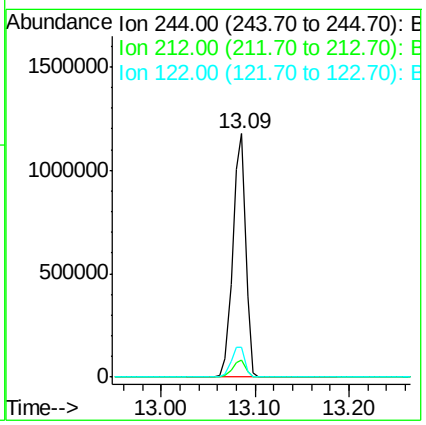


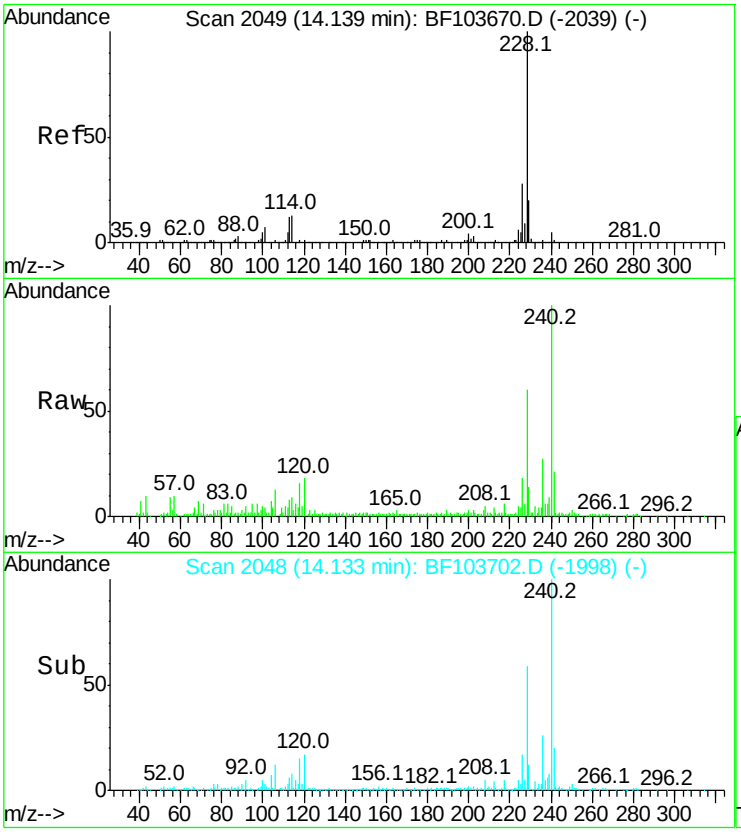


#78
Terphenyl-d14
Concen: 68.884 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Tgt Ion:244 Resp: 1112730

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.5	11.0	16.4



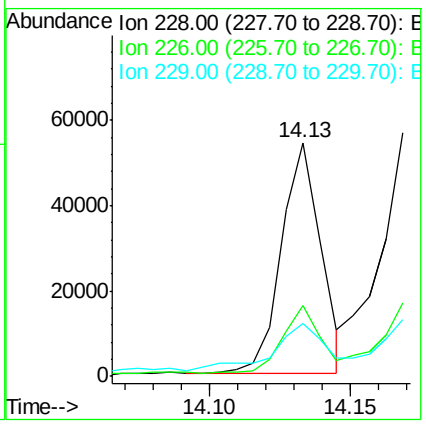


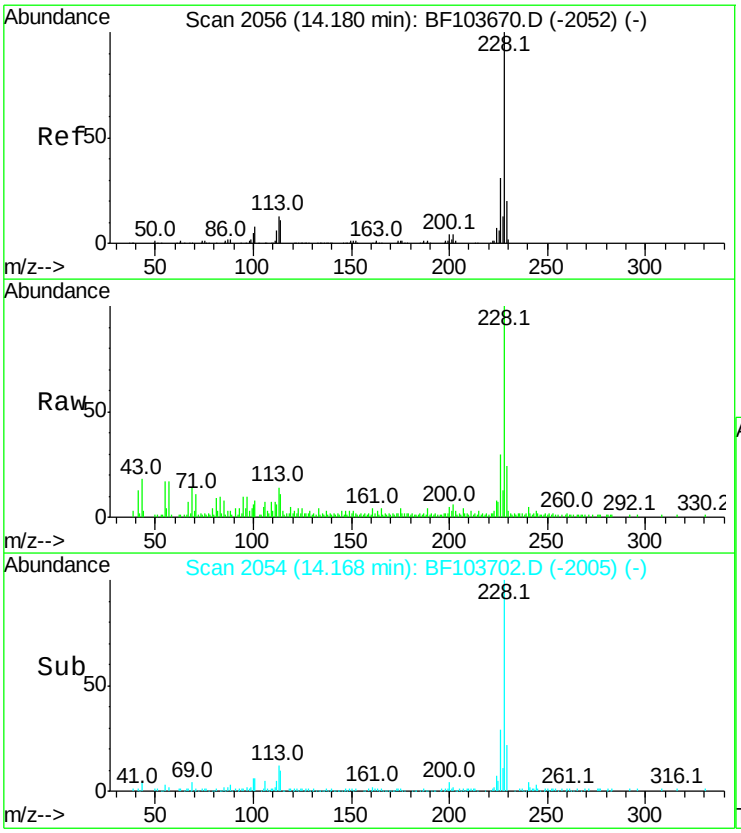
#80
Benzo(a)anthracene
Concen: 2.210 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 52445

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	33.8
229	22.8	15.8	23.6

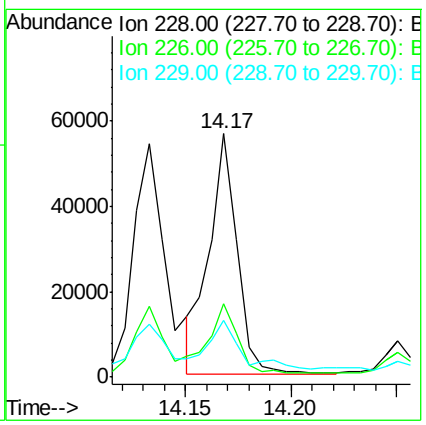


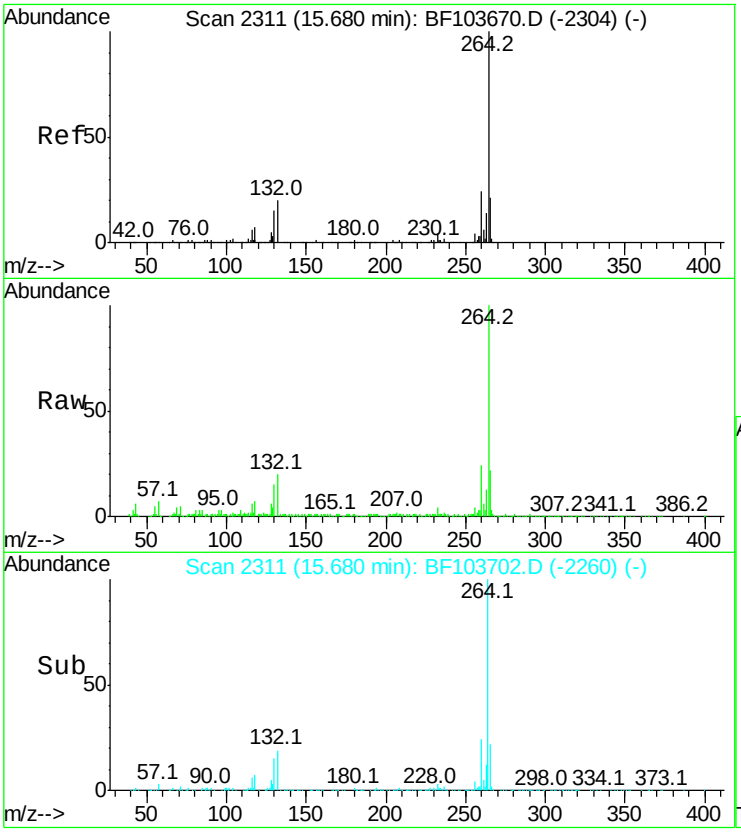


#82
Chrysene
Concen: 2.323 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Tgt Ion:228 Resp: 52568

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	23.5	16.2	24.4



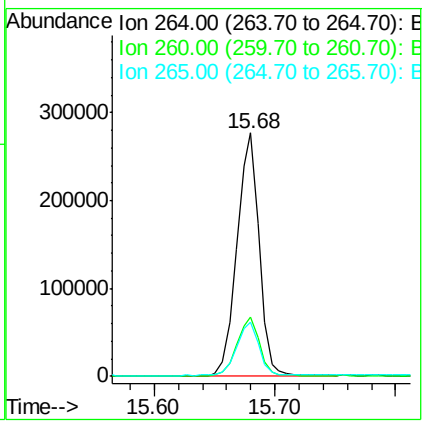


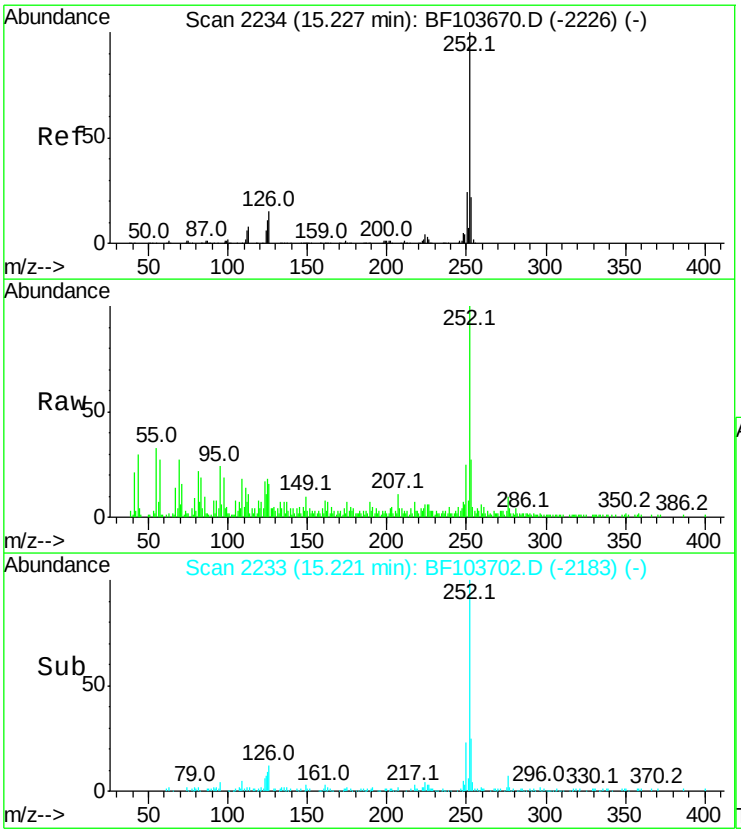
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 354855

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.0	17.5	26.3

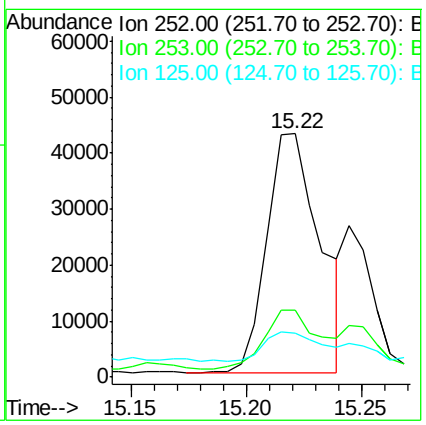


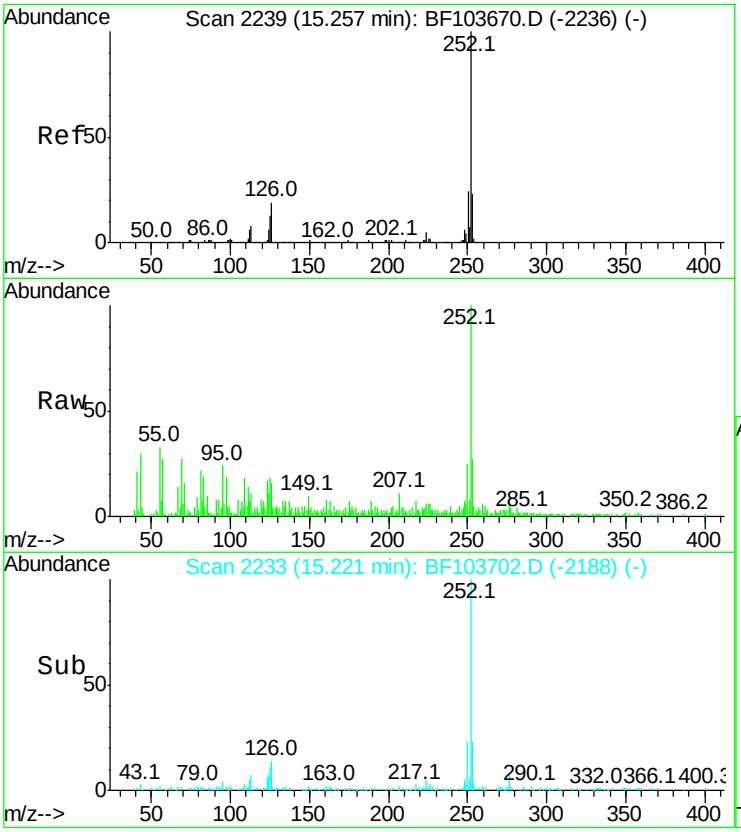


#87
Benzo(b)fluoranthene
Concen: 3.051 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Tgt Ion:252 Resp: 68410

Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.0	25.6#
125	18.1	9.0	13.6#



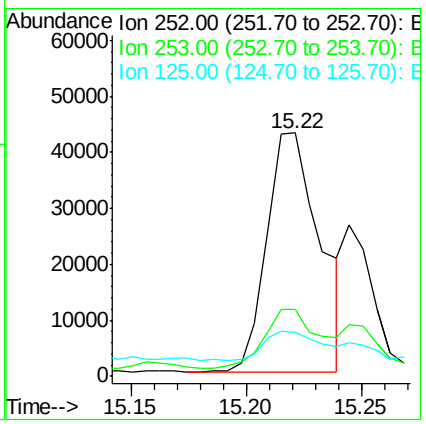


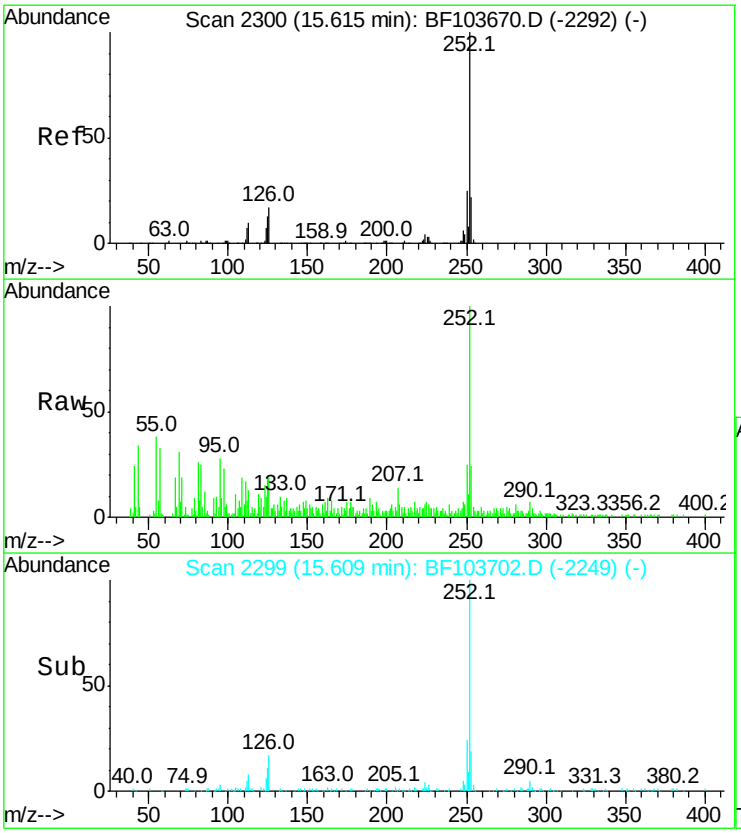
#88
Benzo(k)fluoranthene
Concen: 3.174 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.04 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 68410

Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.9	26.9#
125	18.1	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.247 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF103702.D
Acq: 16 Mar 2018 17:59

Tgt Ion:252 Resp: 45695

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	19.2	9.8	14.6#