Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103762.D
Acq On : 19 Mar 2018 18:16
Operator : JU/SJ
Sample : J1755-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 20 00:55:55 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	150173	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	595422	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	258988	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	403920	20.00	ng		0.00
75) Chrysene-d12	14.15	240	304308	20.00	ng		0.00
86) Perylene-d12	15.69	264	249075	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	201520	20.41	ng		0.00
7) Phenol-d6	6.58	99	245083	20.29	ng		0.00
23) Nitrobenzene-d5	7.52	82	138248	16.19	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	48361	21.72	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	266081	16.39	ng		0.00
78) Terphenyl-d14	13.09	244	253007	19.30	ng		0.00
Target Compounds							Qvalue
26) 2-Nitrophenol	7.86	139	133	9.474	ng	#	1
32) Benzoic acid	7.93	122	1565	10.113	ng	#	56
47) 2-Nitroaniline	9.55	65	359	6.883	ng	#	1
50) 2,6-Dinitrotoluene	9.72	165	1818	4.420	ng	#	53
52) 3-Nitroaniline	9.96	138	1062	4.028	ng	#	62
55) 4-Nitrophenol	10.10	139	2606	5.645	ng	#	45
56) 2,4-Dinitrotoluene	10.01	165	37498	12.955	ng	#	24
61) 4-Nitroaniline	10.56	138	547	3.864	ng	#	50
64) 4,6-Dinitro-2-methylphenol	10.82	198	111	8.198	ng	#	1
70) Phenanthrene	11.53	178	130827	5.921	ng		96
74) Fluoranthene	12.72	202	139343	6.121	ng		98
77) Pyrene	12.95	202	155640	6.964	ng		99
80) Benzo(a)anthracene	14.14	228	69901	3.629	ng		93
82) Chrysene	14.18	228	71559	3.897	ng		97
87) Benzo(b)fluoranthene	15.23	252	87384	5.553	ng	#	83
88) Benzo(k)fluoranthene	15.23	252	87384	5.777	ng	#	86
89) Benzo(a)pyrene	15.62	252	45880	3.215	ng	#	86

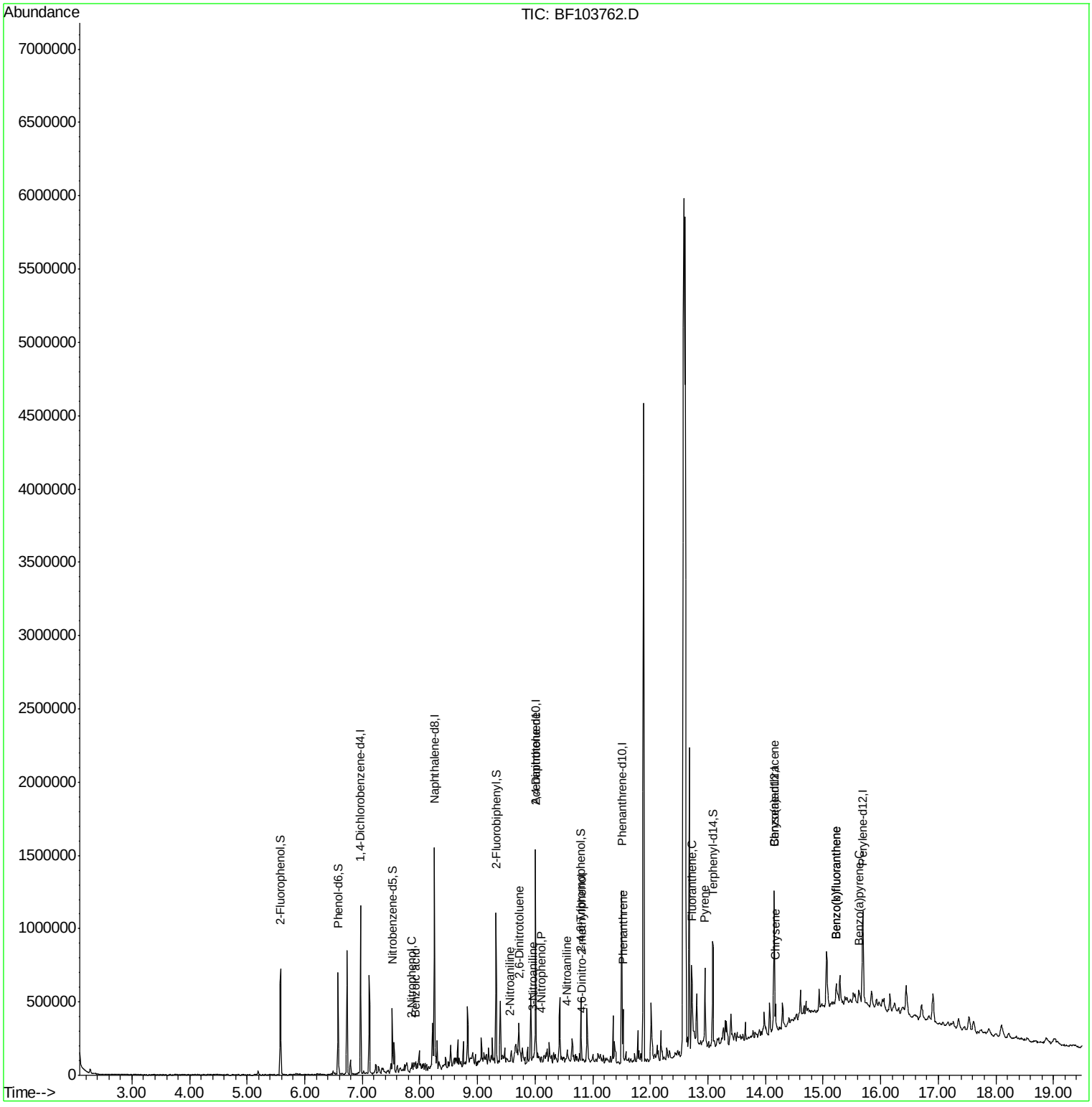
(#) = qualifier out of range (m) = manual integration (+) = signals summed

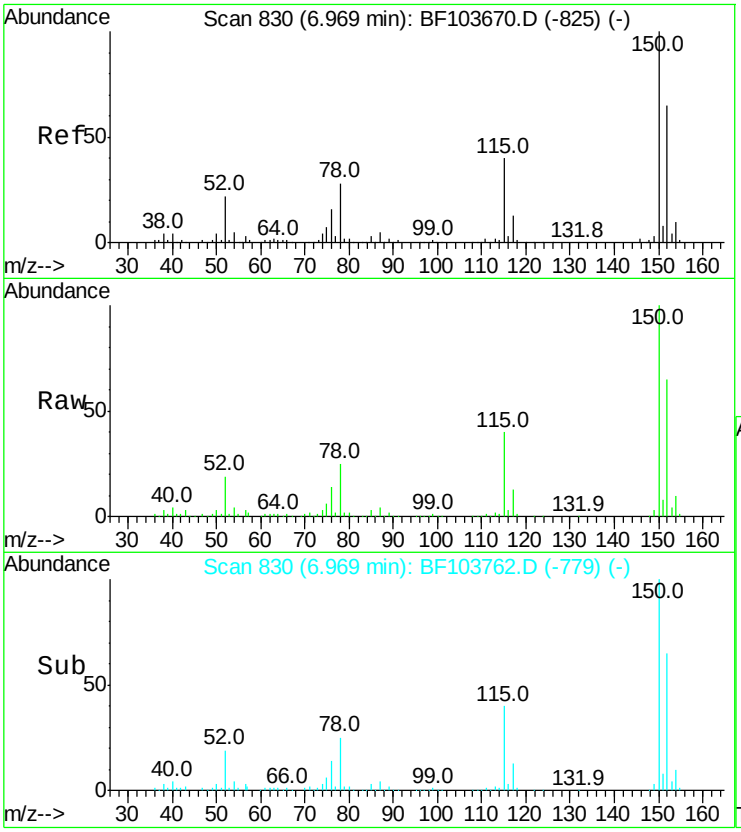
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031918\
Data File : BF103762.D
Acq On : 19 Mar 2018 18:16
Operator : JU/SJ
Sample : J1755-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 20 00:55:55 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



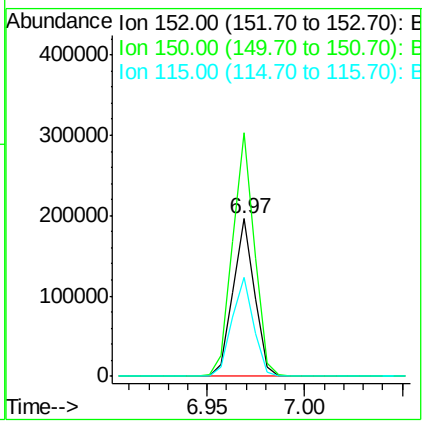


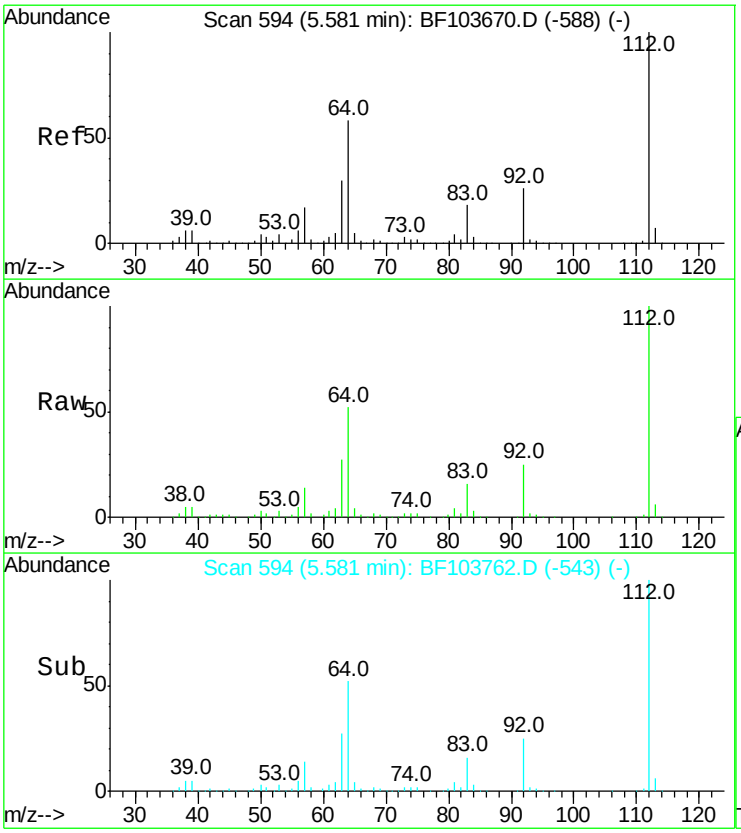
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 150173

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	62.5	50.1	75.1

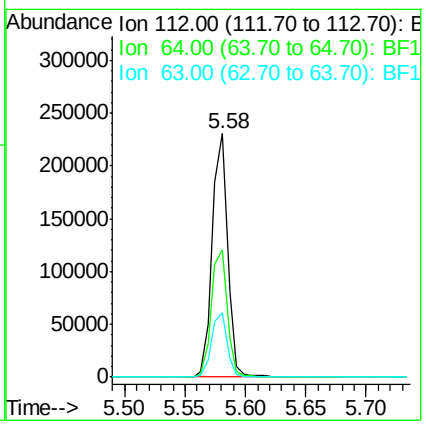


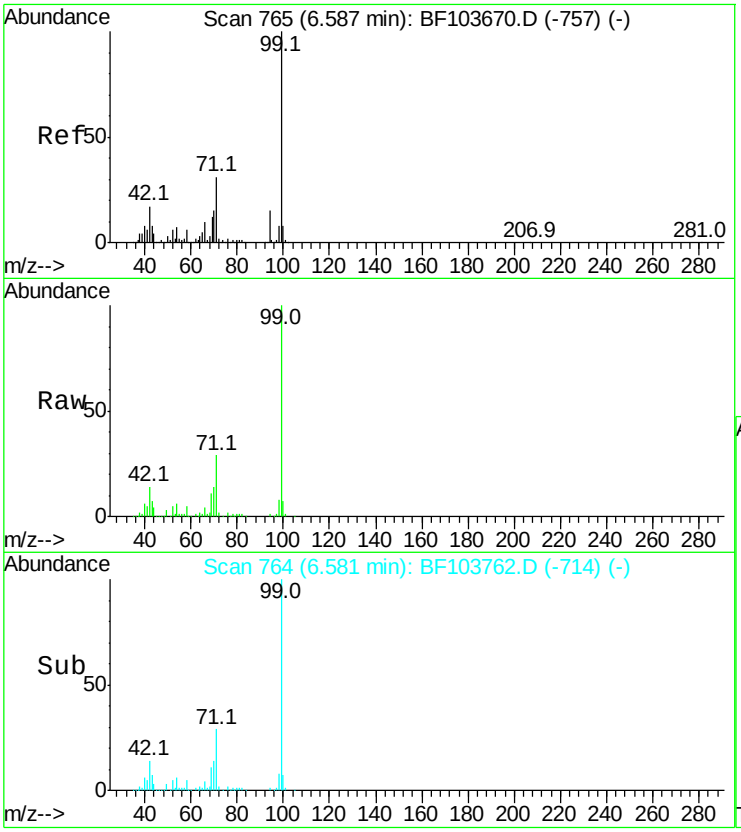


#5
2-Fluorophenol
Concen: 20.411 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Tgt Ion:112 Resp: 201520

Ion	Ratio	Lower	Upper
112	100		
64	52.3	47.9	71.9
63	26.6	23.7	35.5



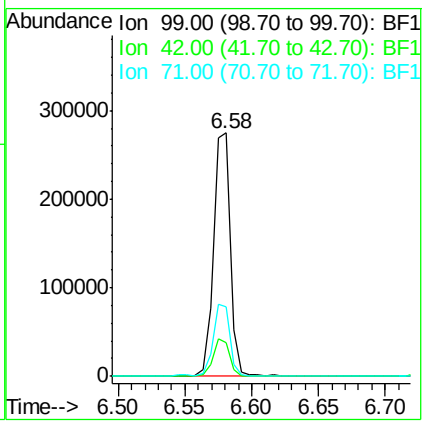


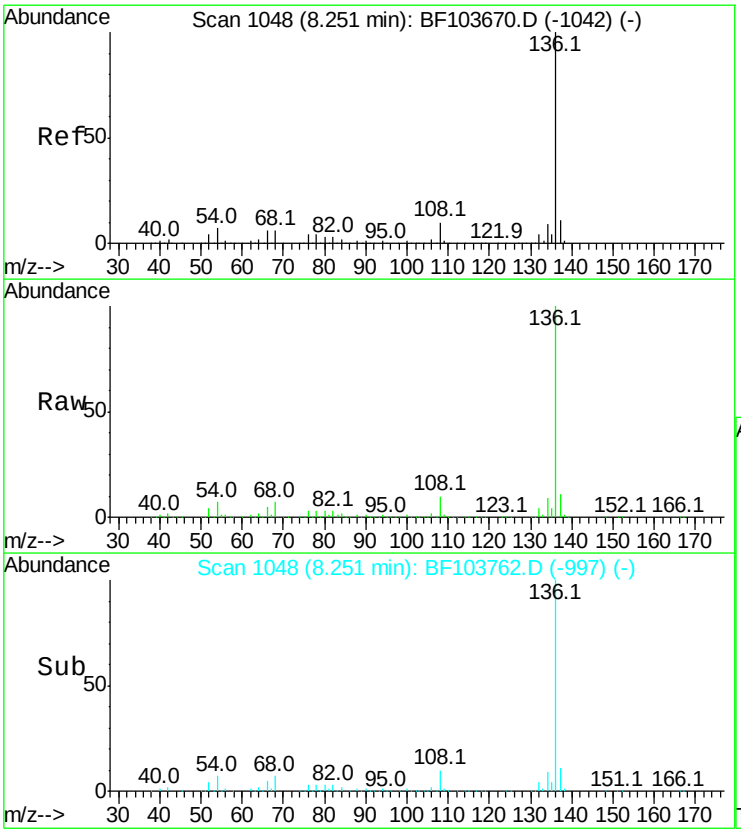
#7
Phenol-d6
Concen: 20.289 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 245083

Ion	Ratio	Lower	Upper
99	100		
42	13.7	14.5	21.7#
71	28.7	25.4	38.0

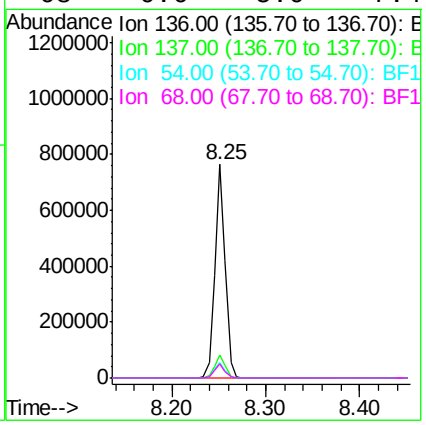


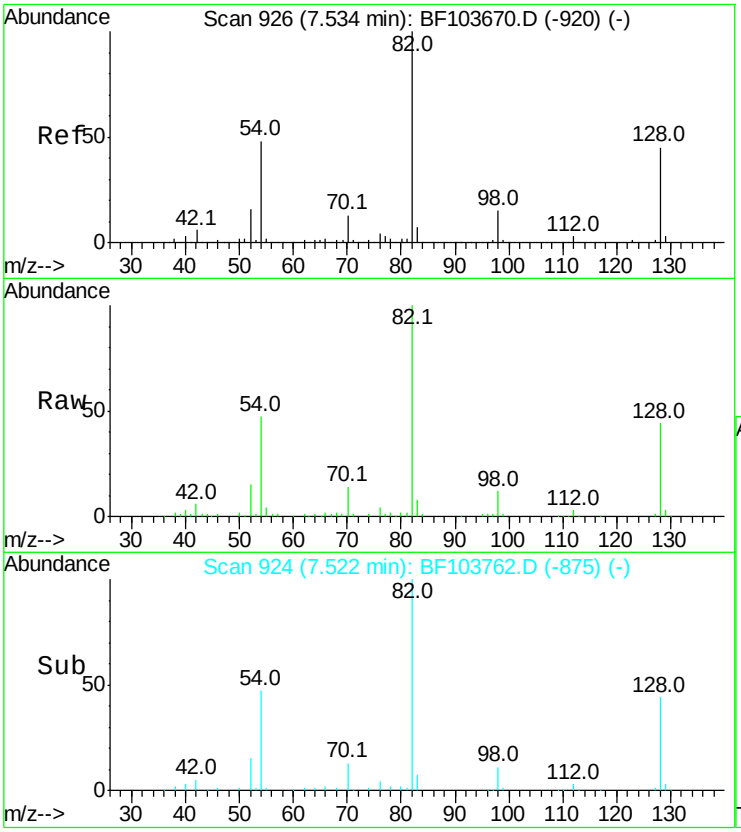


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Tgt Ion:136 Resp: 595422

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	6.6	9.8
68	6.6	5.0	7.4



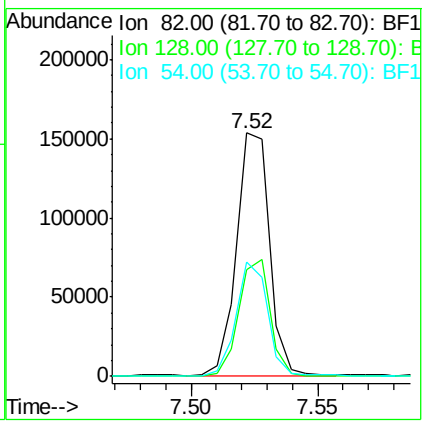


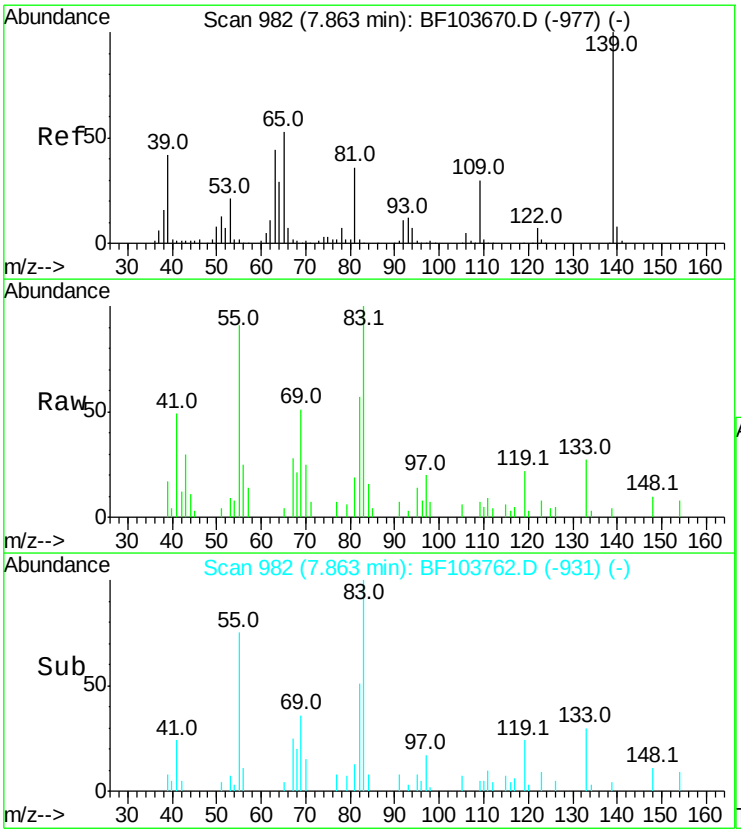
#23
Nitrobenzene-d5
Concen: 16.192 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 138248

Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	47.2	41.4	62.2

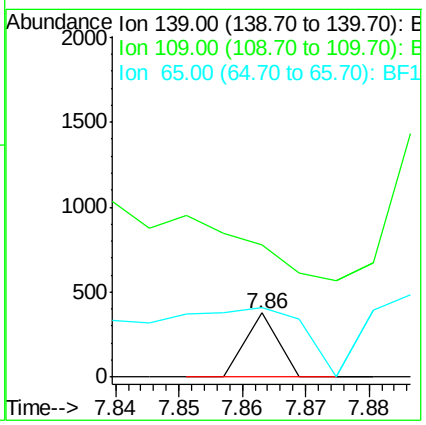


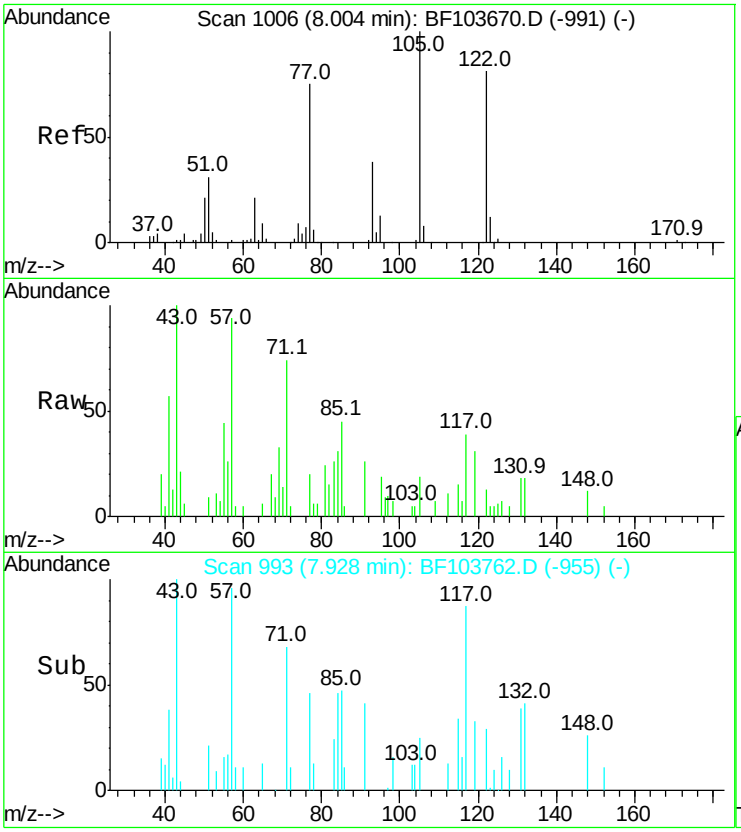


#26
2-Nitrophenol
Concen: 9.474 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Tgt Ion:139 Resp: 133

Ion	Ratio	Lower	Upper
139	100		
109	206.6	22.7	34.1#
65	108.5	40.5	60.7#



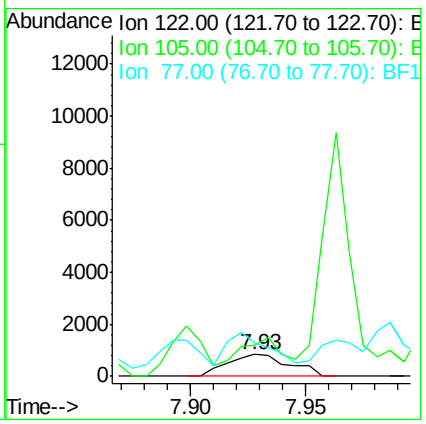


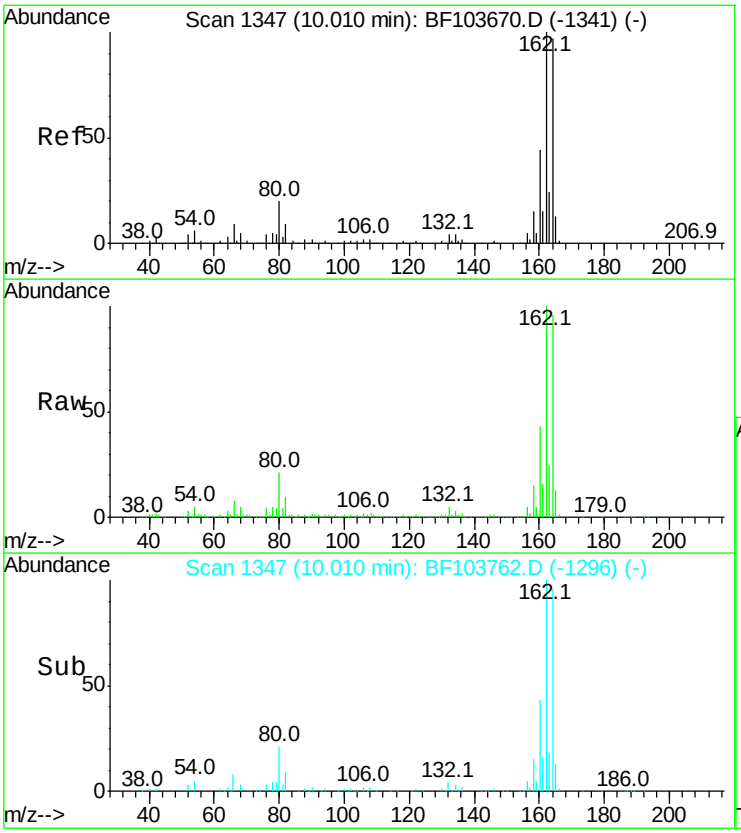
#32
Benzoic acid
Concen: 10.113 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.08 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 1565

Ion	Ratio	Lower	Upper
122	100		
105	146.6	101.1	141.1#
77	159.3	70.7	110.7#

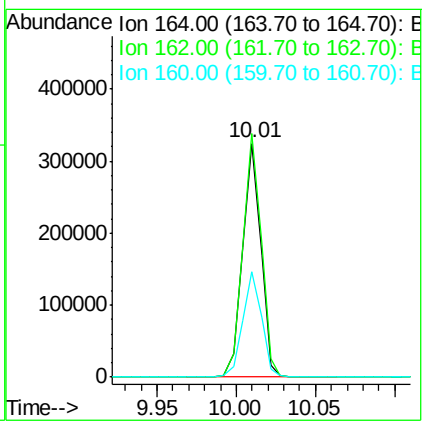


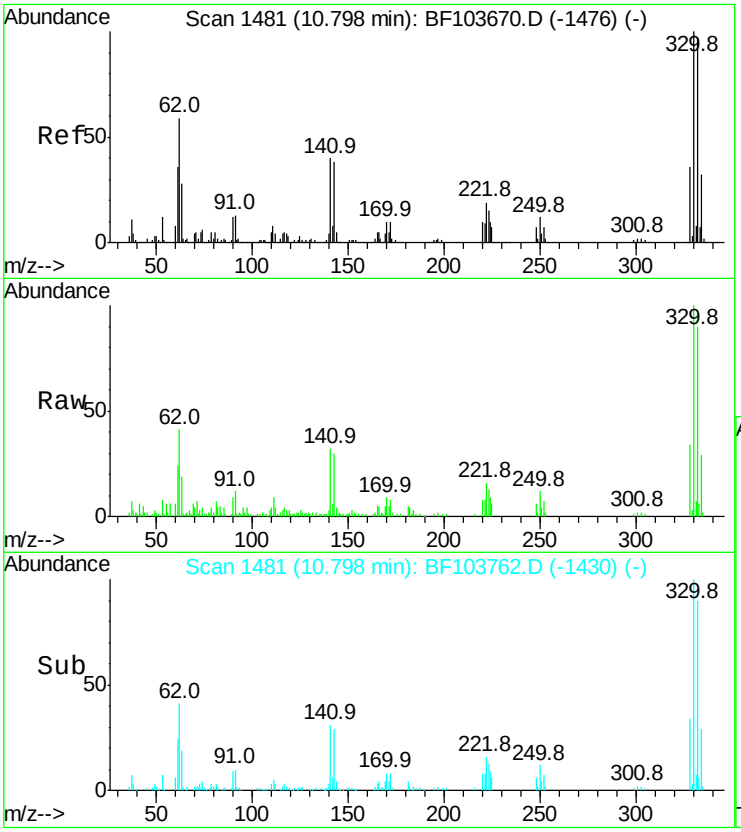


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Tgt Ion:164 Resp: 258988

Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	45.2	38.3	57.5



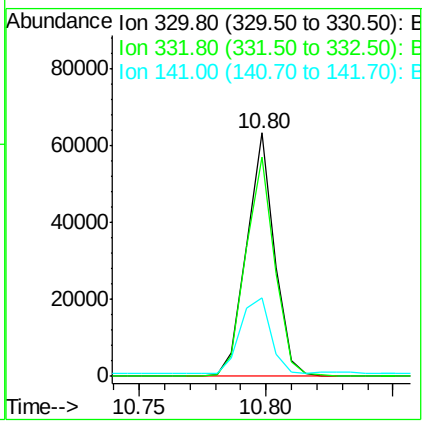


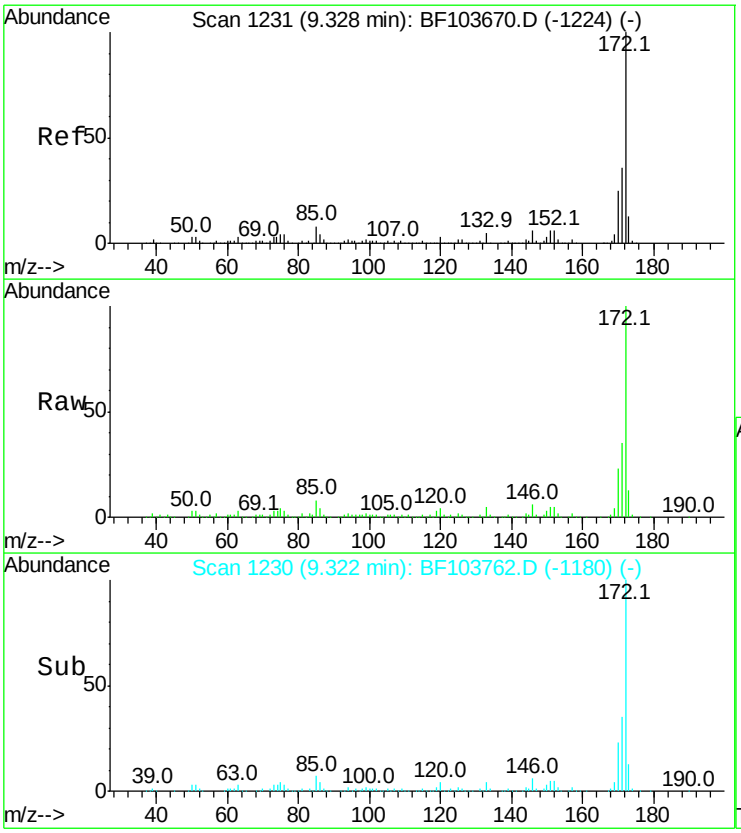
#41
2,4,6-Tribromophenol
Concen: 21.718 ng
RT: 10.80 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 48361

Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.0	115.6
141	33.9	29.9	44.9

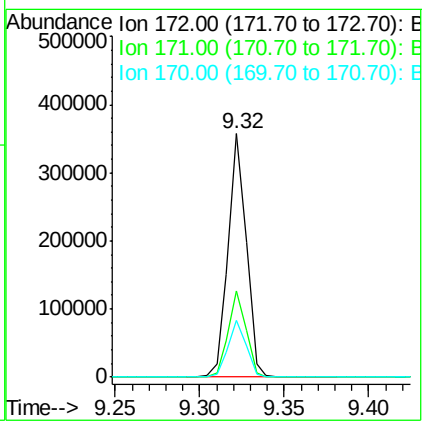


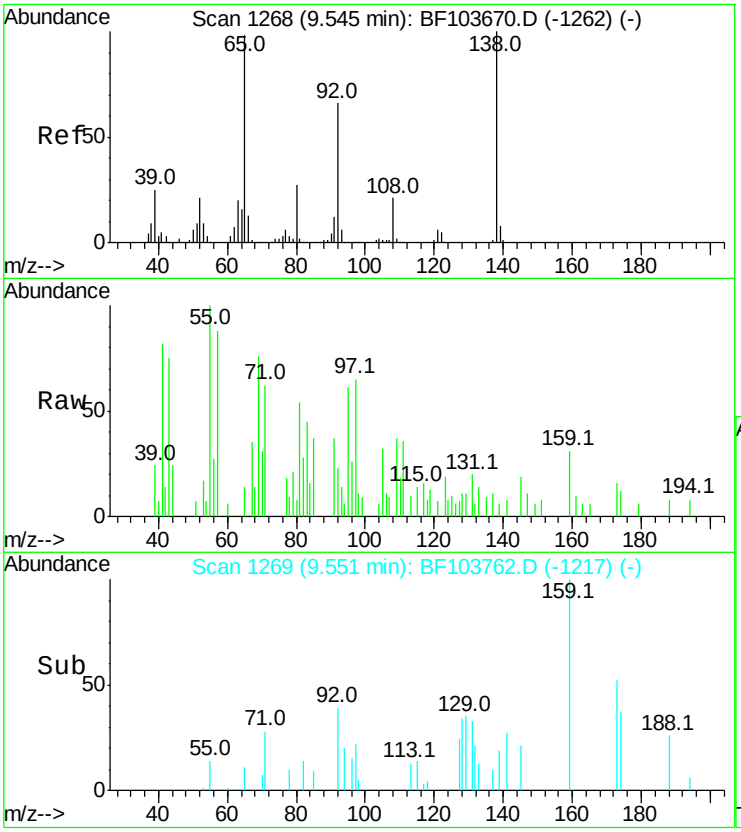


#44
2-Fluorobiphenyl
Concen: 16.388 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Tgt Ion:172 Resp: 266081

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.1	19.6	29.4



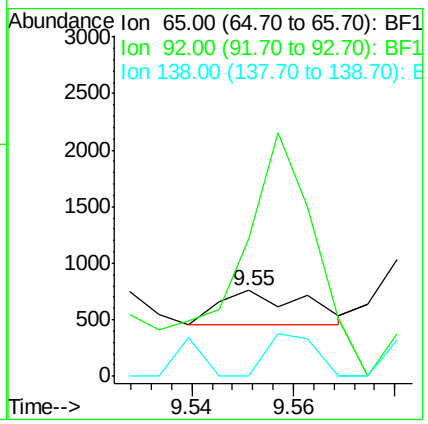


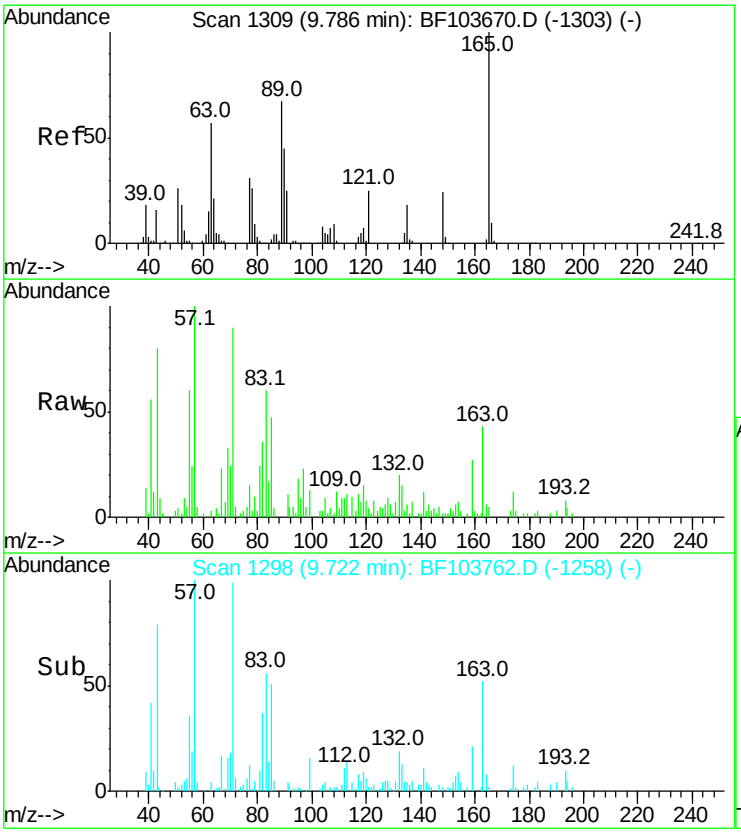
#47
2-Nitroaniline
Concen: 6.883 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 359

Ion	Ratio	Lower	Upper
65	100		
92	160.4	55.8	83.6#
138	0.0	91.2	136.8#

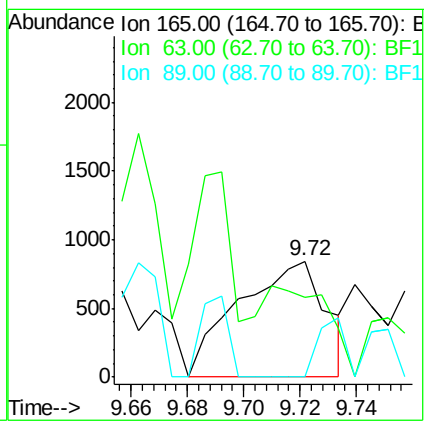


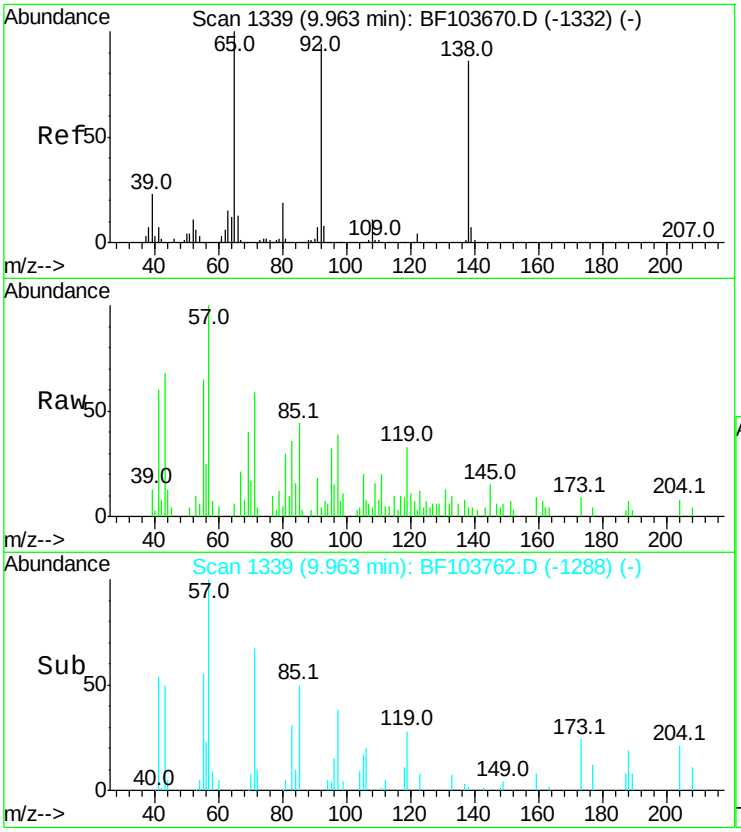


#50
2,6-Dinitrotoluene
Concen: 4.420 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.06 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Tgt Ion:165 Resp: 1818

Ion	Ratio	Lower	Upper
165	100		
63	69.1	44.7	67.1#
89	0.0	44.0	66.0#



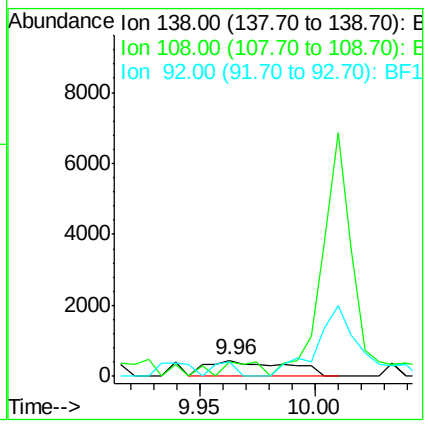


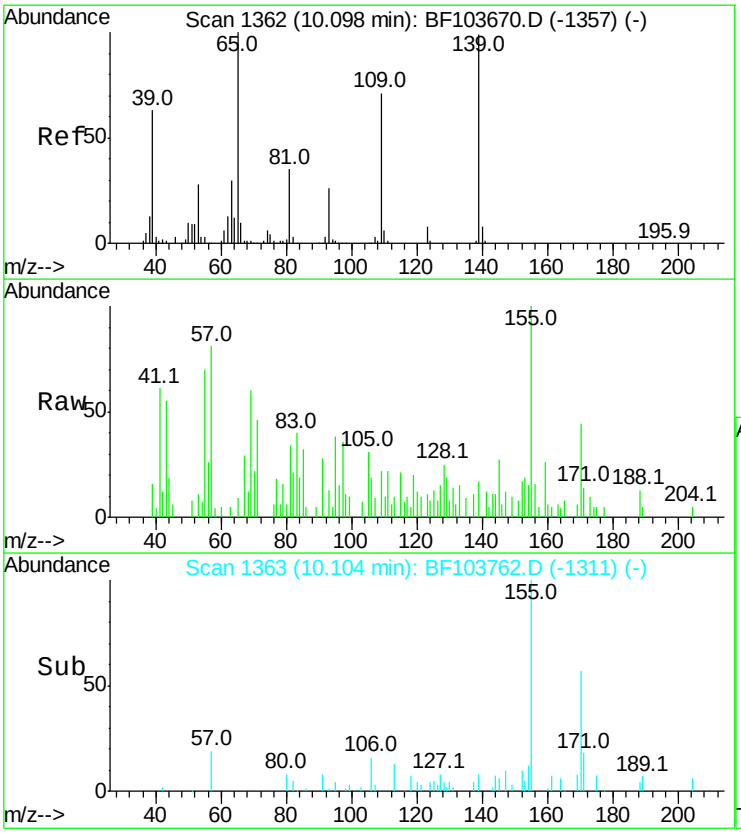
#52
3-Nitroaniline
Concen: 4.028 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 1062

Ion	Ratio	Lower	Upper
138	100		
108	88.7	9.4	14.0#
92	89.6	89.4	134.2

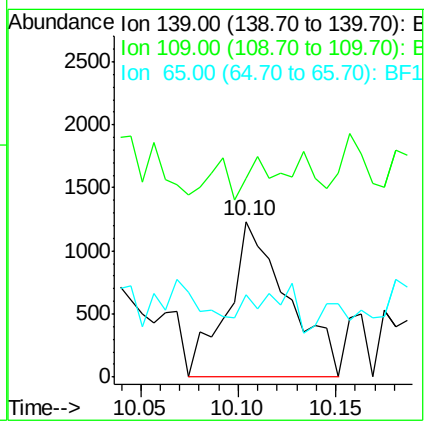


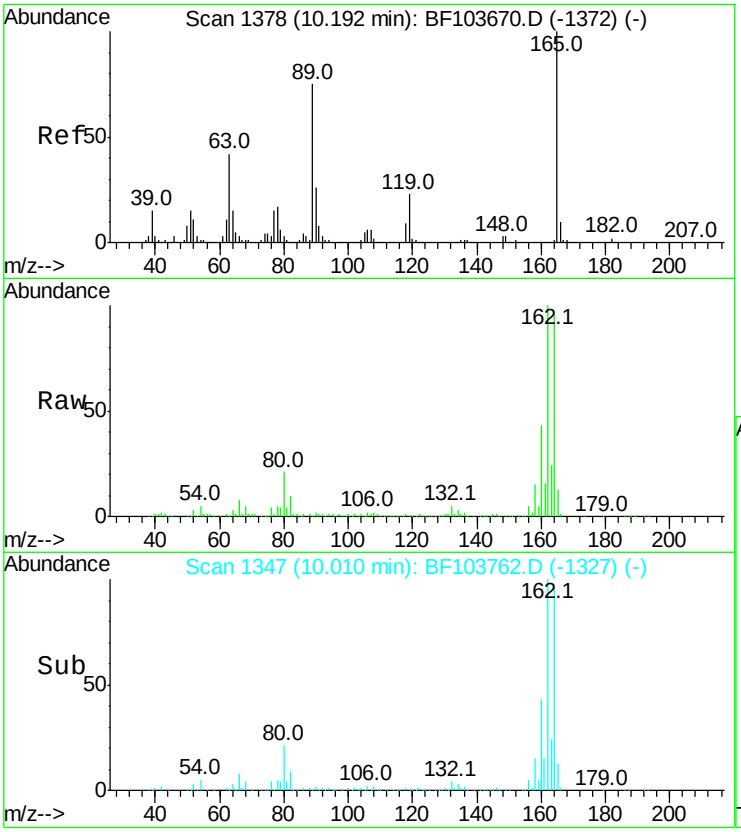


#55
4-Nitrophenol
Concen: 5.645 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Tgt Ion:139 Resp: 2606

Ion	Ratio	Lower	Upper
139	100		
109	128.1	48.4	88.4#
65	52.9	72.6	112.6#



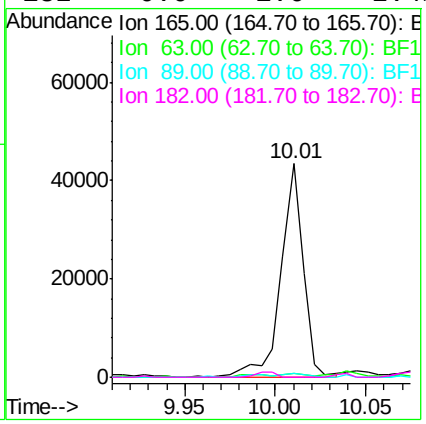


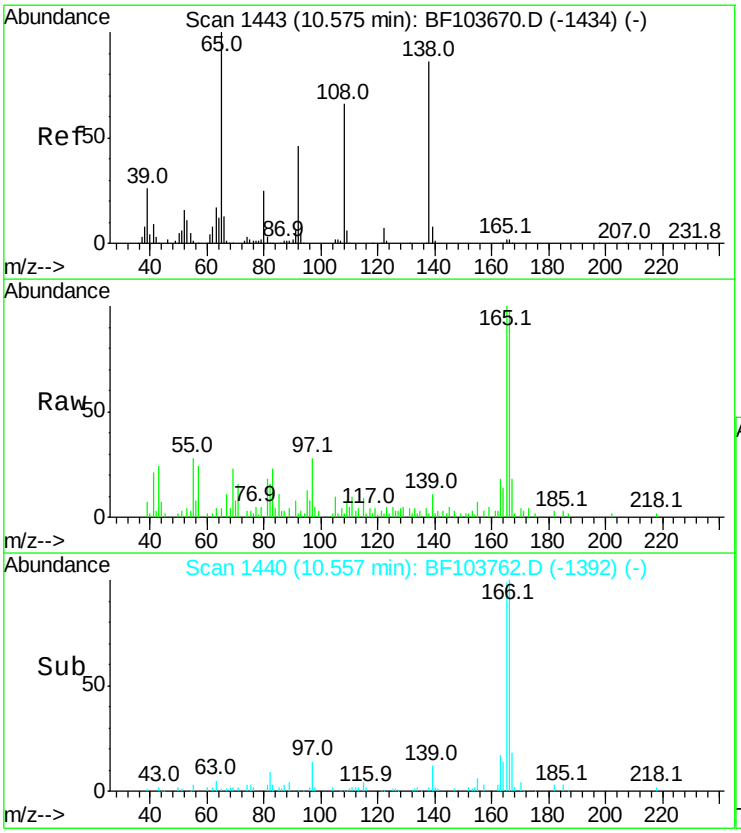
#56
2,4-Dinitrotoluene
Concen: 12.955 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 37498

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

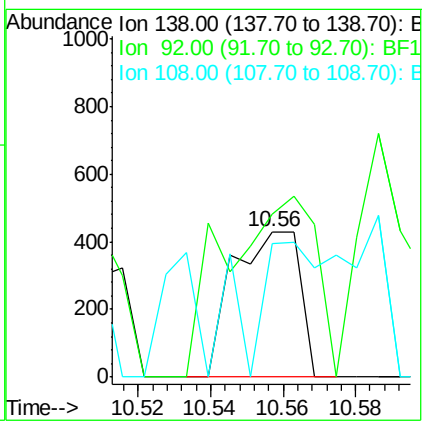


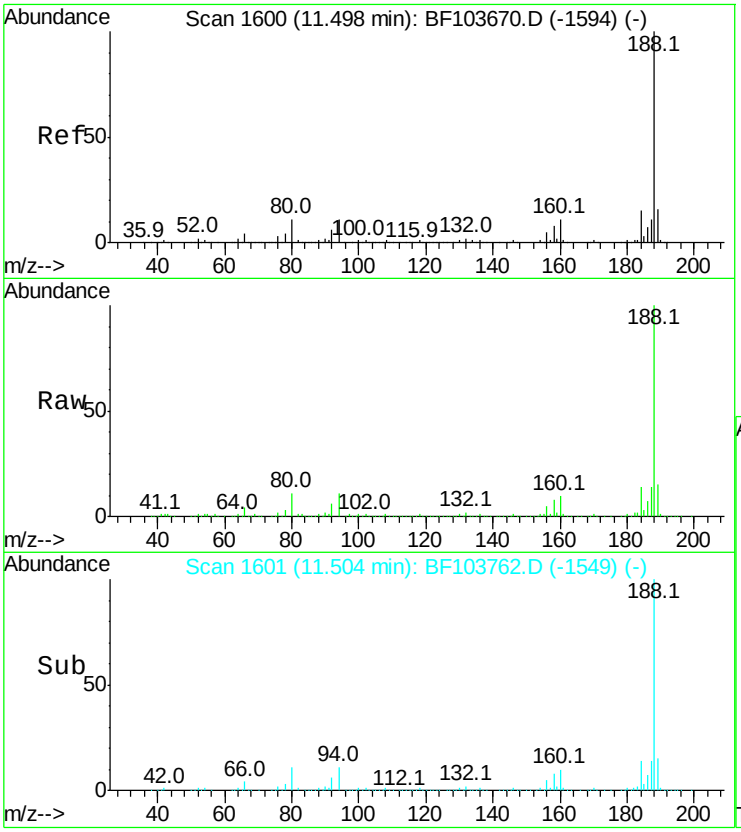


#61
4-Nitroaniline
Concen: 3.864 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Tgt Ion:138 Resp: 547

Ion	Ratio	Lower	Upper
138	100		
92	112.1	30.2	70.2#
108	91.9	52.5	92.5



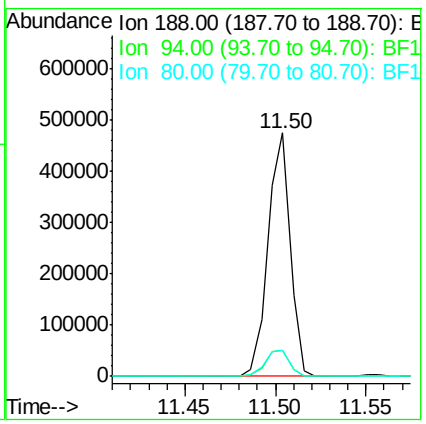


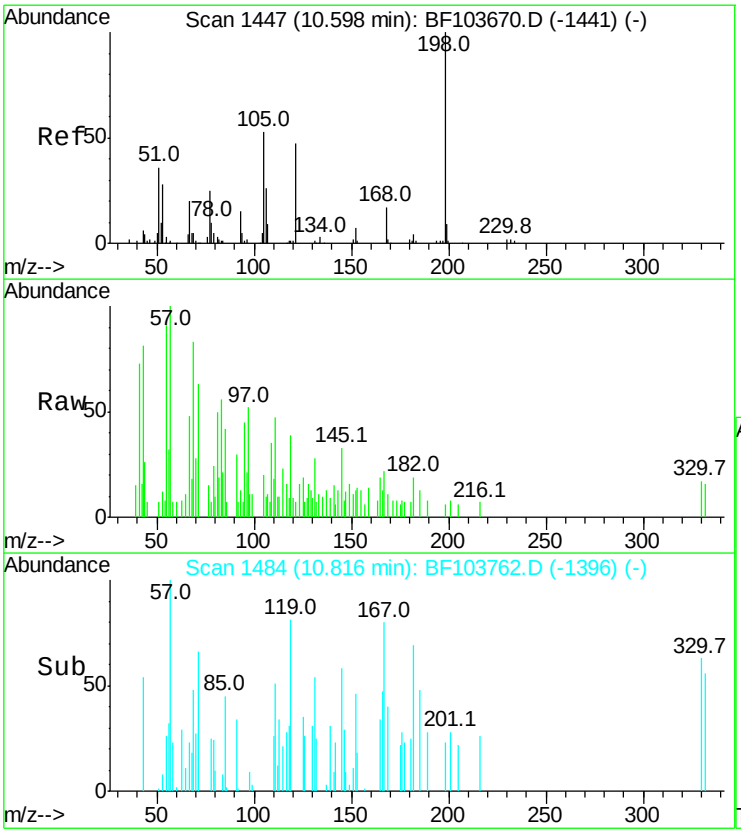
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 403920

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	10.9	9.2	13.8

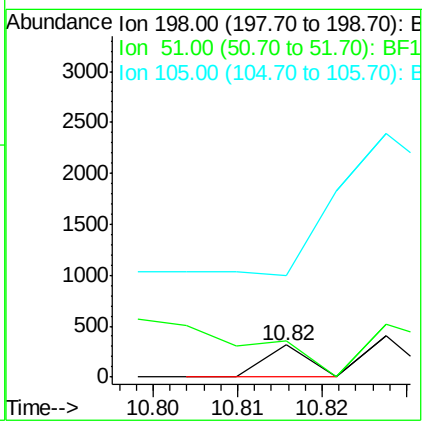


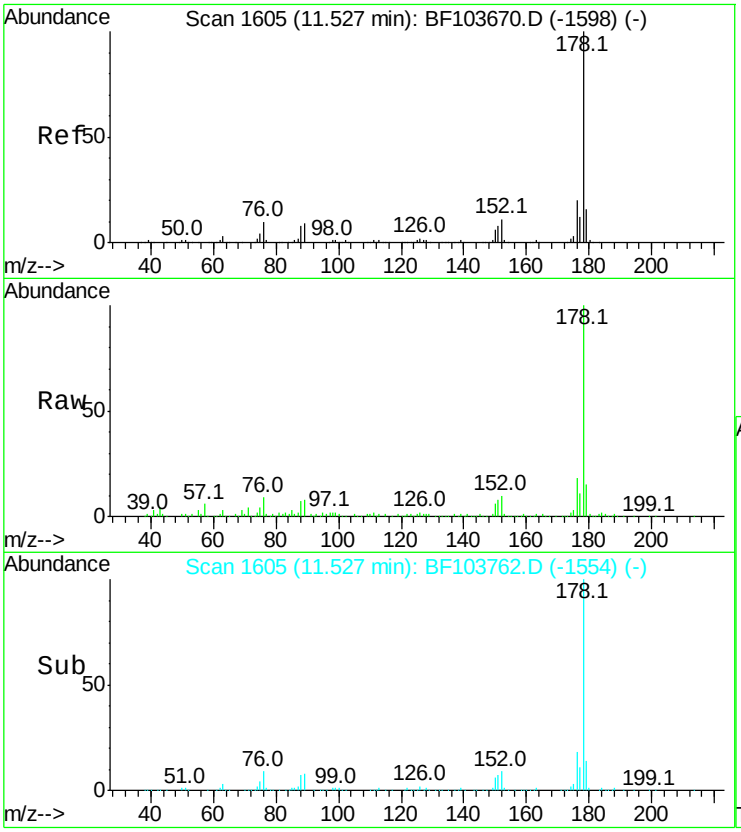


#64
4,6-Dinitro-2-methylphenol
Concen: 8.198 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.22 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Tgt Ion:198 Resp: 111

Ion	Ratio	Lower	Upper
198	100		
51	114.6	37.7	77.7#
105	318.2	36.3	76.3#



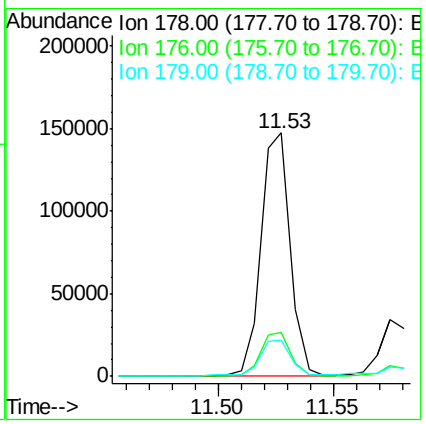


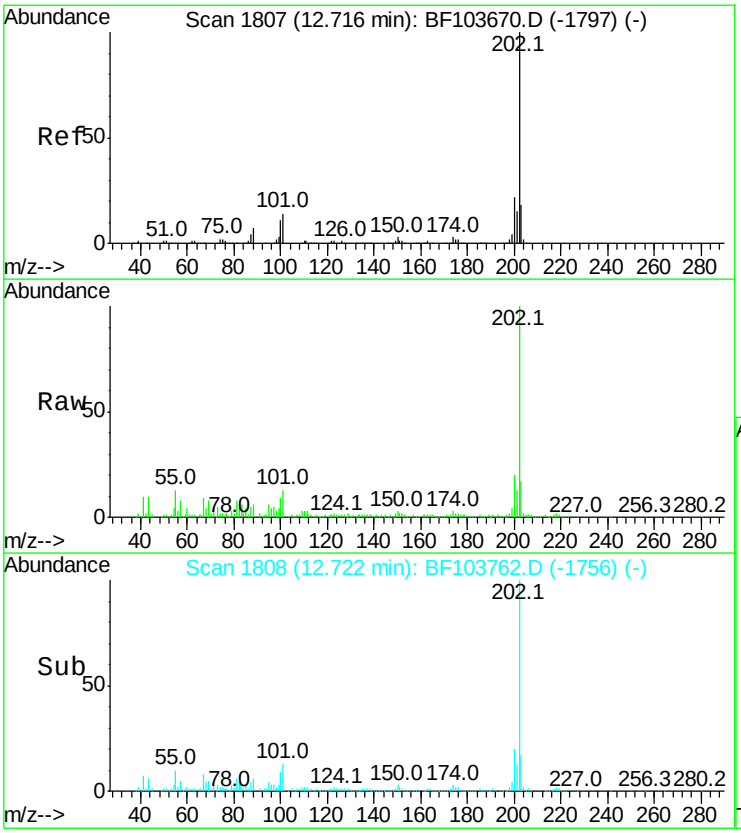
#70
Phenanthrene
Concen: 5.921 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.00 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 130827

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	14.9	13.0	19.6

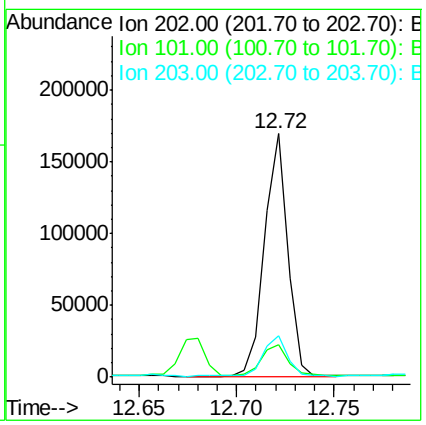


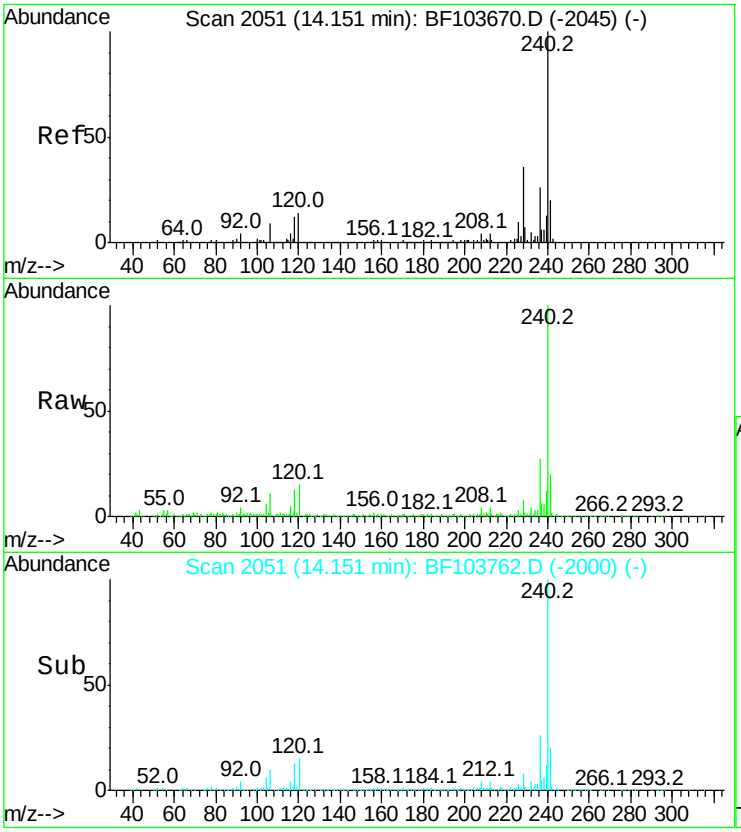


#74
Fluoranthene
Concen: 6.121 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Tgt Ion:202 Resp: 139343

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.1
203	17.1	0.0	38.1



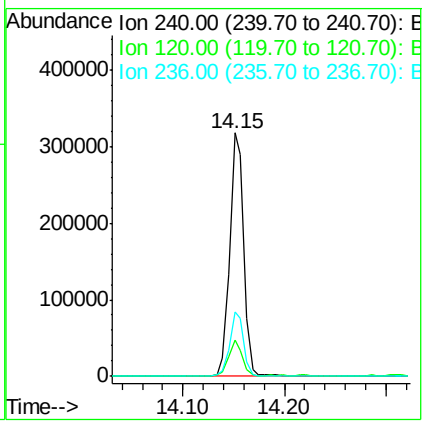


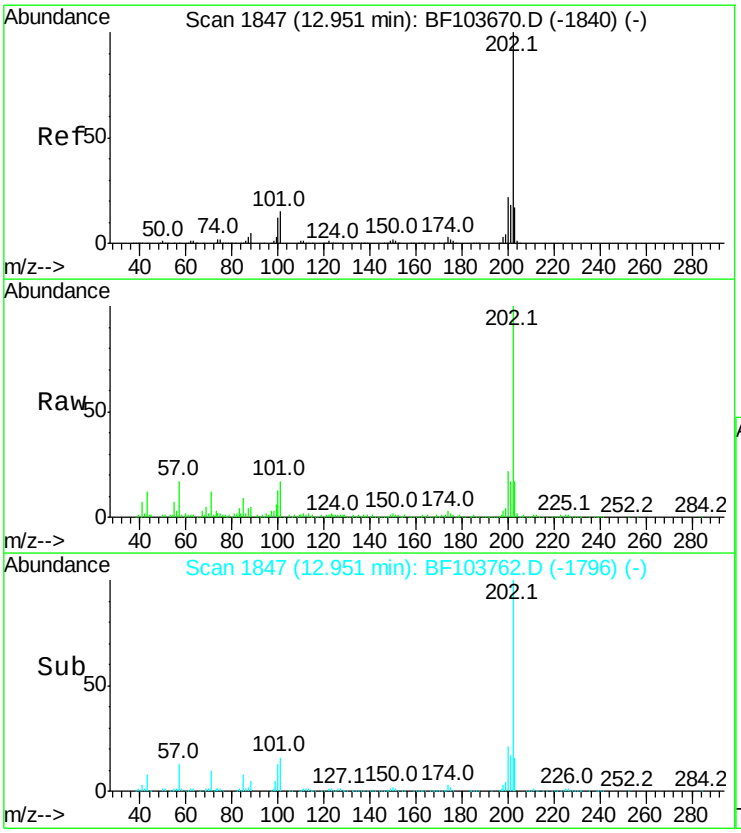
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 304308

Ion	Ratio	Lower	Upper
240	100		
120	14.8	9.5	14.3#
236	26.6	20.7	31.1

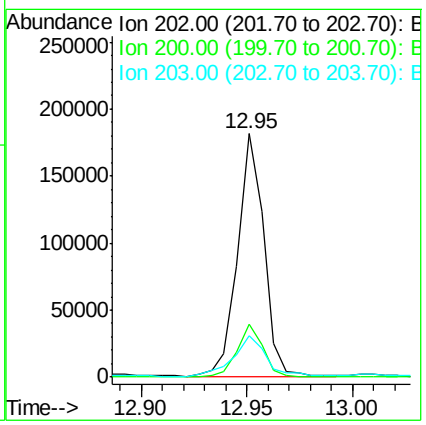


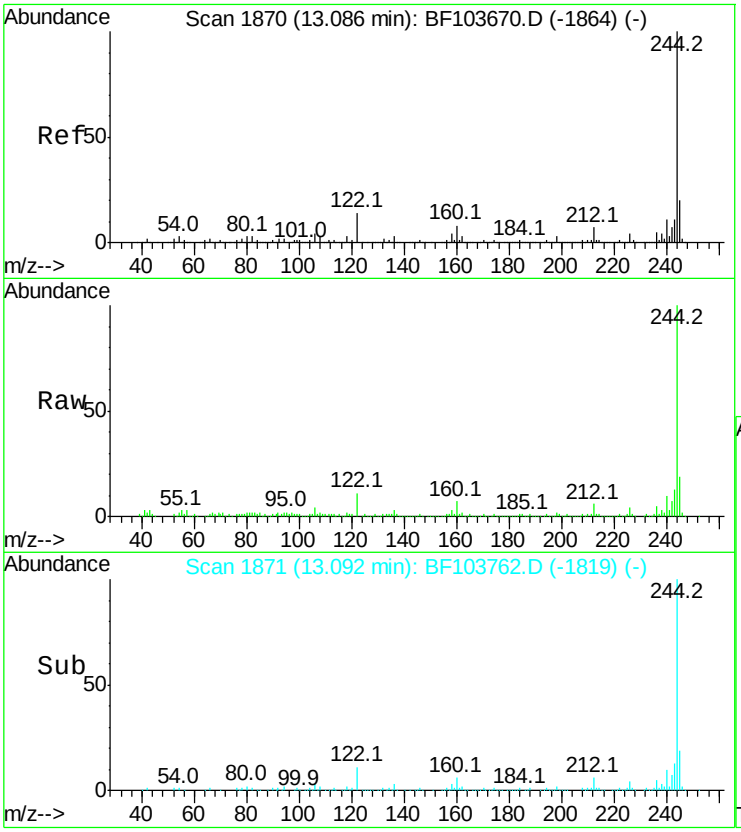


#77
Pyrene
Concen: 6.964 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Tgt Ion:202 Resp: 155640

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.1	14.3	21.5



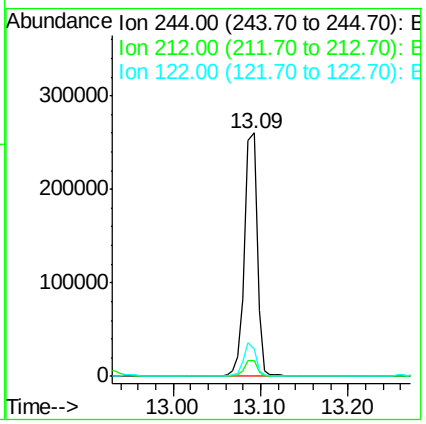


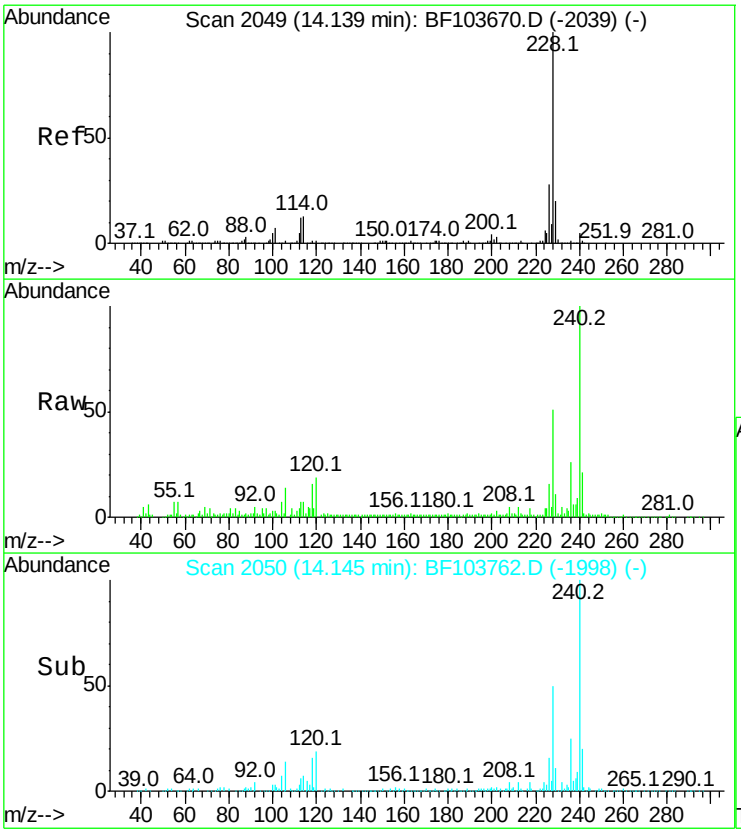
#78
Terphenyl-d14
Concen: 19.298 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 253007

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	11.2	11.0	16.4

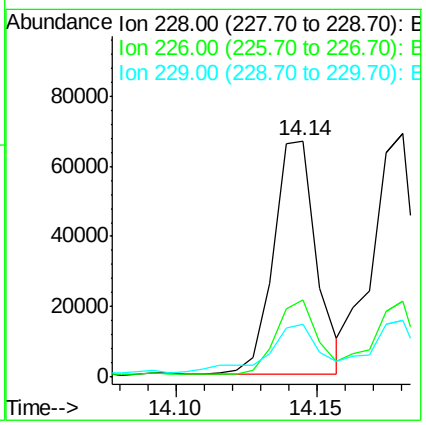


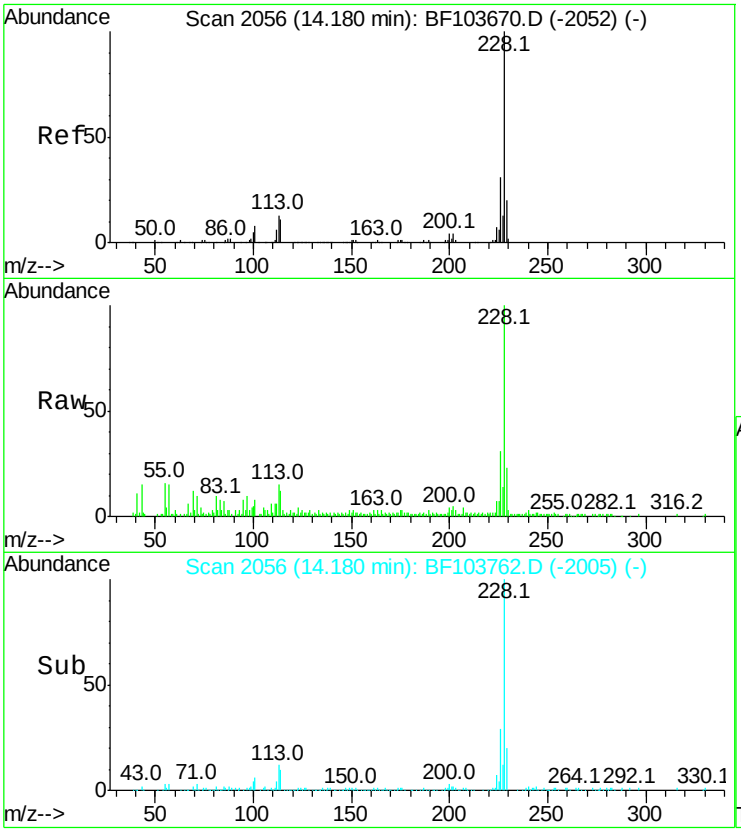


#80
Benzo(a)anthracene
Concen: 3.629 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Tgt Ion:228 Resp: 69901

Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.6	33.8
229	22.4	15.8	23.6



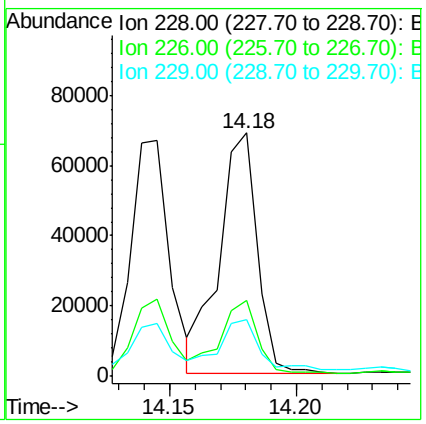


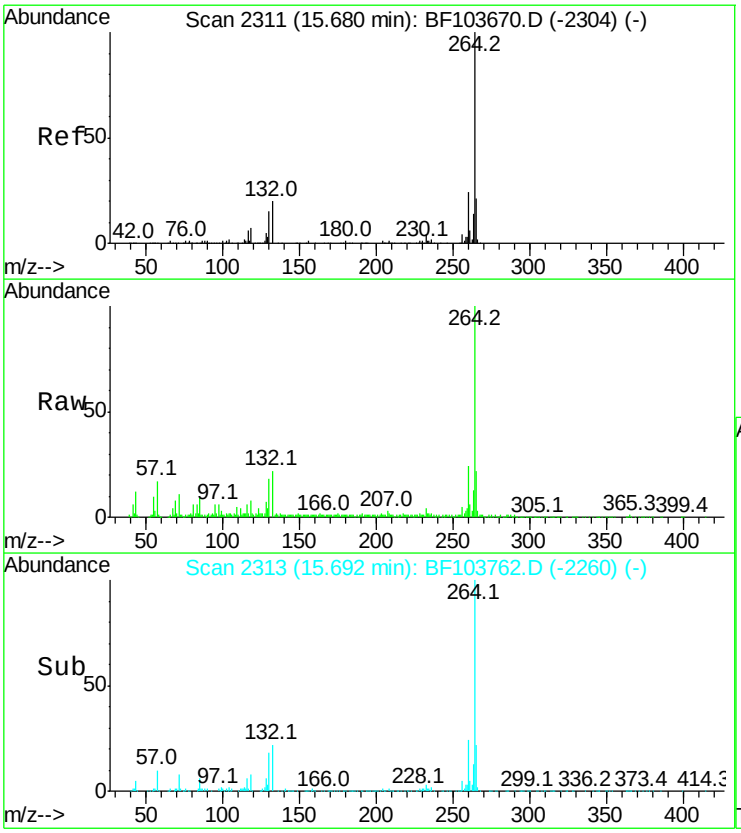
#82
Chrysene
Concen: 3.897 ng
RT: 14.18 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 71559

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	23.3	16.2	24.4

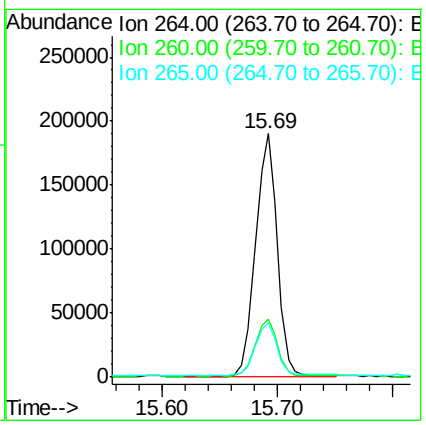


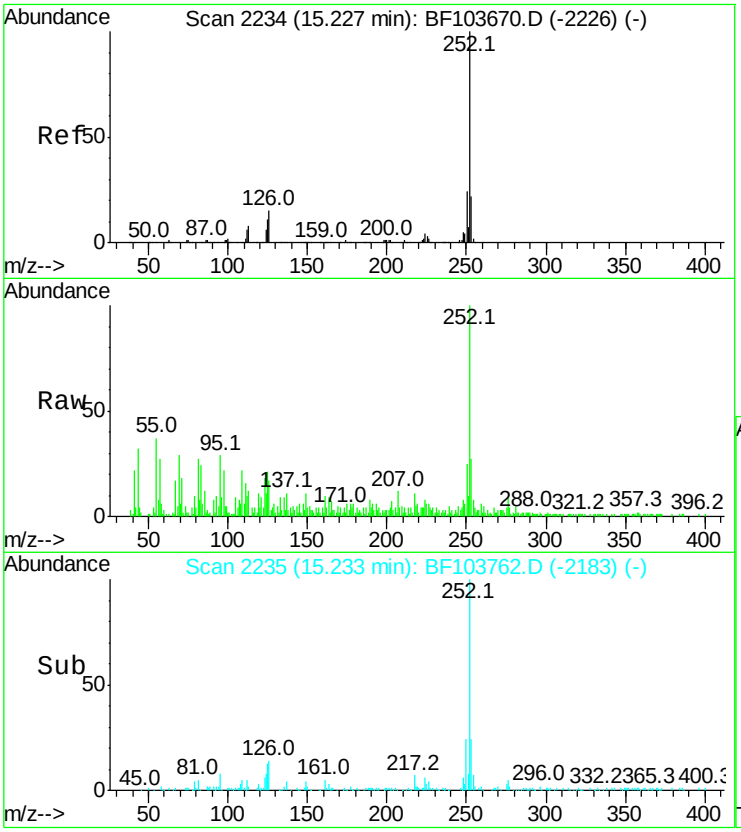


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Tgt Ion:264 Resp: 249075

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.4	17.5	26.3



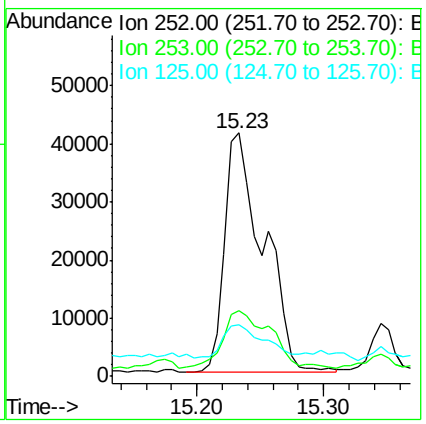


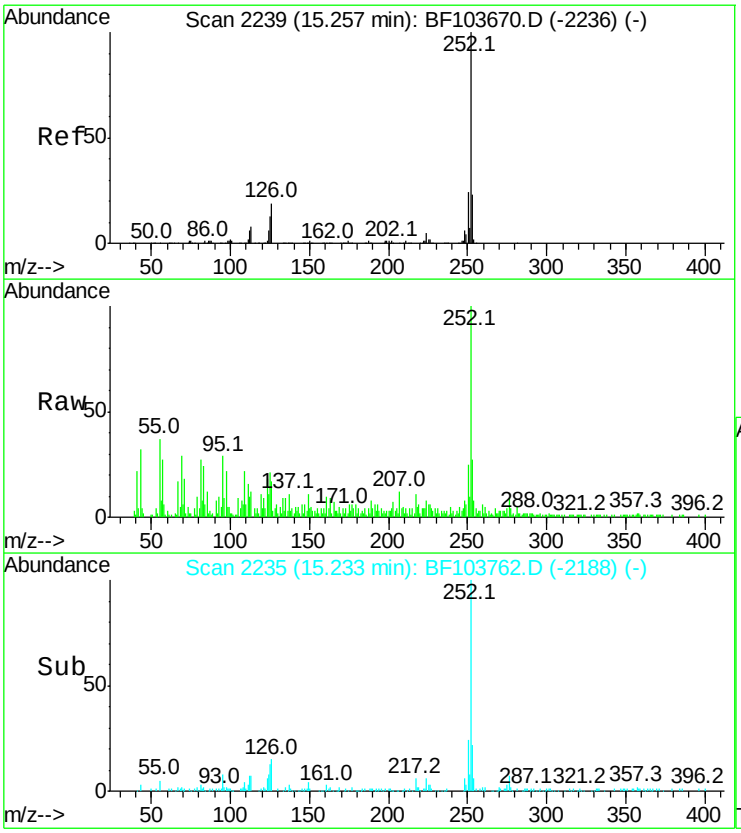
#87
Benzo(b)fluoranthene
Concen: 5.553 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 87384

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.0	25.6#
125	21.2	9.0	13.6#

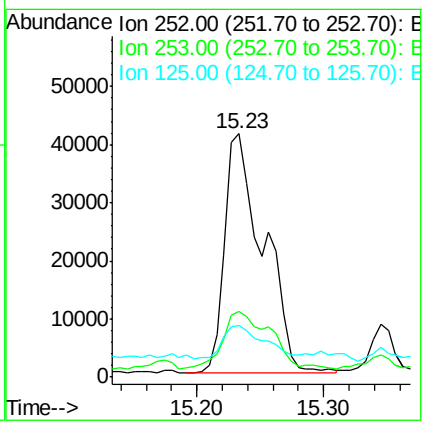


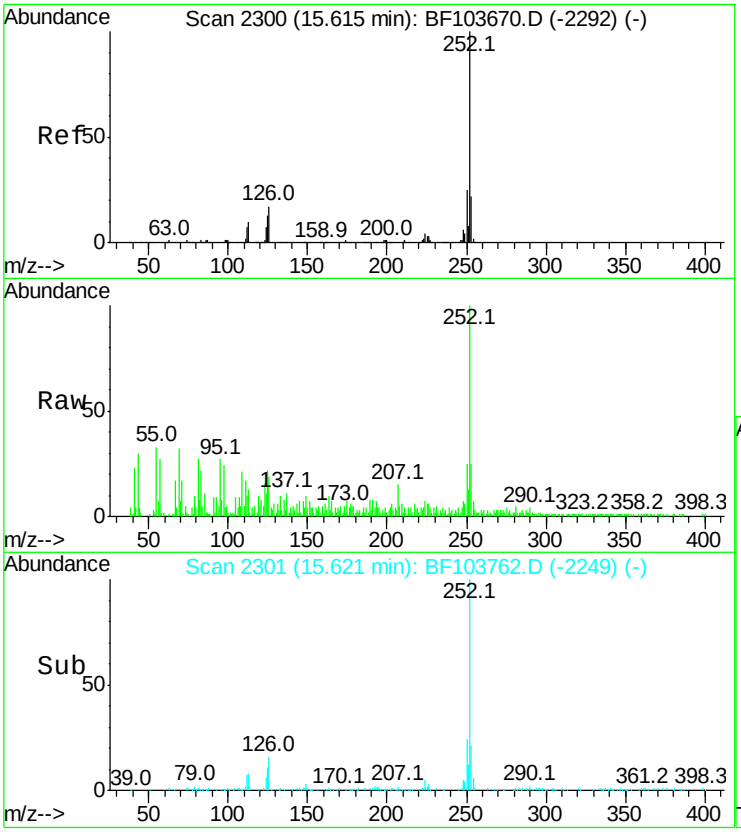


#88
Benzo(k)fluoranthene
Concen: 5.777 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Tgt Ion:252 Resp: 87384

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.9	26.9#
125	21.2	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 3.215 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BF103762.D
Acq: 19 Mar 2018 18:16

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 45880

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.1	25.7
125	21.5	9.8	14.6#