Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103710.D
Acq On : 16 Mar 2018 21:33
Operator : JU/SJ
Sample : J1750-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 17 03:20:48 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	163160	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	634789	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	273312	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	411977	20.00	ng		0.00
75) Chrysene-d12	14.15	240	340225	20.00	ng		0.00
86) Perylene-d12	15.69	264	282164	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	495671	46.21	ng		0.00
7) Phenol-d6	6.58	99	607700	46.30	ng		0.00
23) Nitrobenzene-d5	7.53	82	356516	39.17	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	95856	40.79	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	553300	32.29	ng		0.00
78) Terphenyl-d14	13.09	244	393072	26.82	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.59	94	41803	2.998	ng		98
18) Hexachloroethane	7.46	117	16460	3.638	ng	#	1
19) n-Nitroso-di-n-propylamine	7.40	70	19076	2.268	ng	#	67
22) Acetophenone	7.36	105	201128	12.328	ng	#	57
25) Isophorone	7.78	82	54134	2.569	ng	#	1
26) 2-Nitrophenol	7.86	139	5474	10.527	ng	#	1
31) Naphthalene	8.27	128	122557	3.822	ng	#	87
32) Benzoic acid	8.05	122	5023	10.531	ng	#	1
35) Caprolactam	8.70	113	8696	3.075	ng	#	1
37) 2-Methylnaphthalene	8.97	142	154148	7.580	ng		98
45) 1,1'-Biphenyl	9.43	154	49550	2.174	ng		98
47) 2-Nitroaniline	9.56	65	1593	7.103	ng	#	1
49) Dimethylphthalate	9.72	163	63865	3.063	ng	#	92
50) 2,6-Dinitrotoluene	9.77	165	2802	4.621	ng	#	51
52) 3-Nitroaniline	9.96	138	3692	4.517	ng	#	47
53) 2,4-Dinitrophenol	9.93	184	154	6.570	ng	#	1
55) 4-Nitrophenol	10.11	139	4340	6.036	ng	#	1
56) 2,4-Dinitrotoluene	10.21	165	2288	6.603	ng	#	66
61) 4-Nitroaniline	10.48	138	2341	4.213	ng		90
64) 4,6-Dinitro-2-methylphenol	10.58	198	157	8.230	ng	#	1
70) Phenanthrene	11.52	178	96381	4.277	ng		99
74) Fluoranthene	12.72	202	112795	4.858	ng		97
77) Pyrene	12.94	202	121633	4.868	ng		99
80) Benzo(a)anthracene	14.14	228	63106	2.930	ng		93
82) Chrysene	14.14	228	63106	3.074	ng		97
87) Benzo(b)fluoranthene	15.23	252	79924	4.483	ng	#	84
88) Benzo(k)fluoranthene	15.23	252	79924	4.664	ng	#	87
89) Benzo(a)pyrene	15.62	252	43079	2.664	ng	#	86

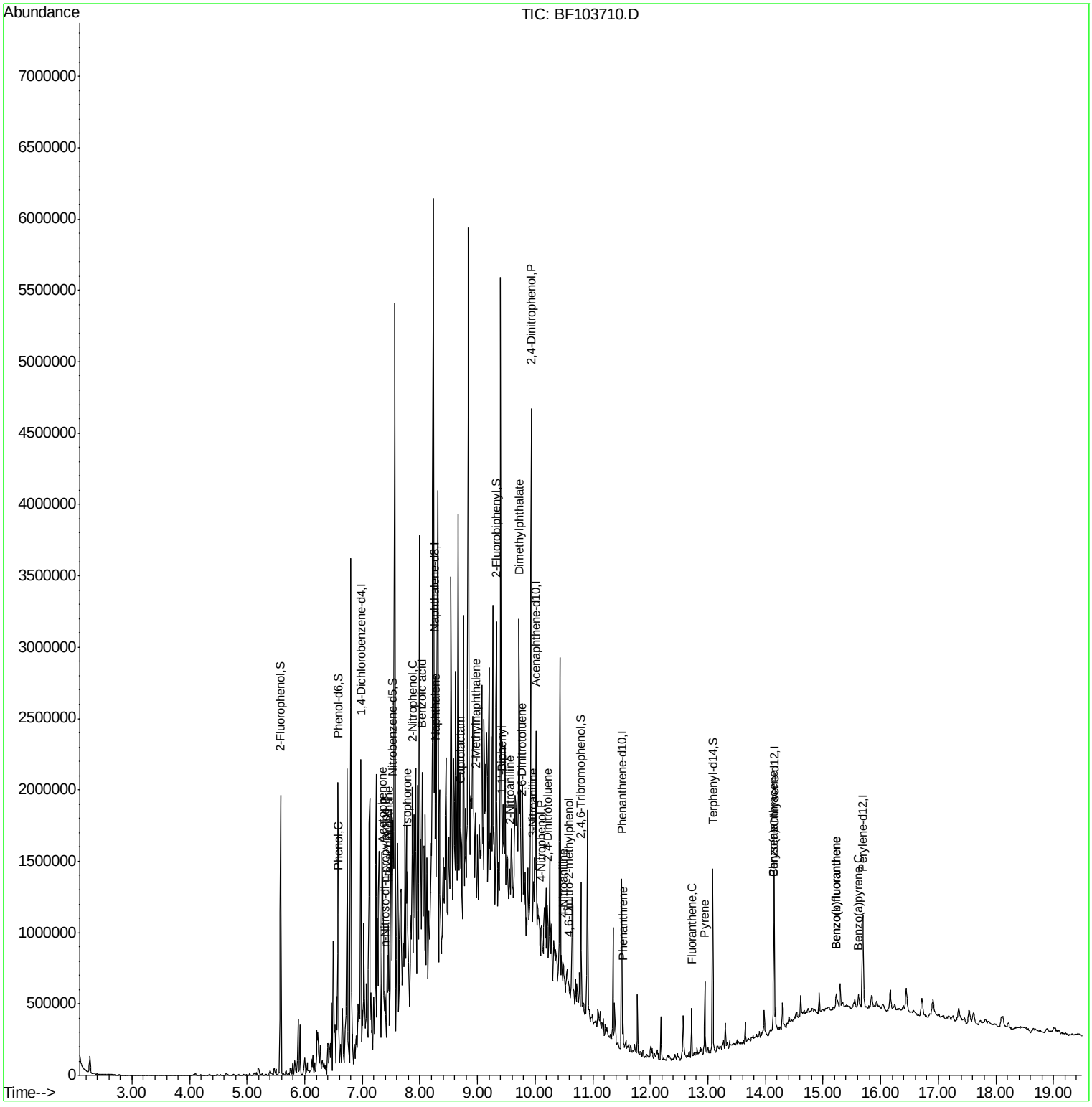
(#) = qualifier out of range (m) = manual integration (+) = signals summed

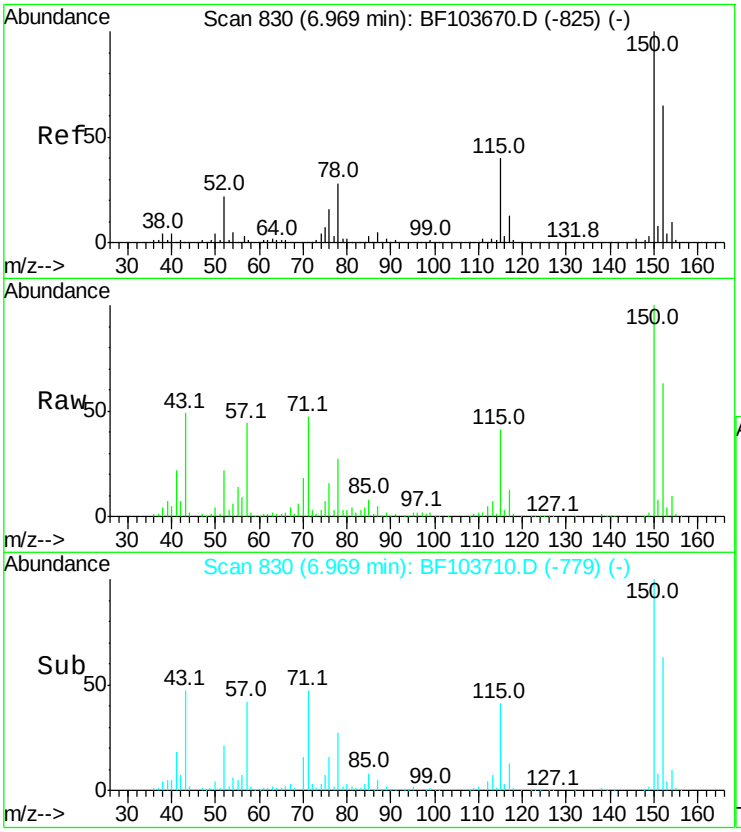
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103710.D
Acq On : 16 Mar 2018 21:33
Operator : JU/SJ
Sample : J1750-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 17 03:20:48 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



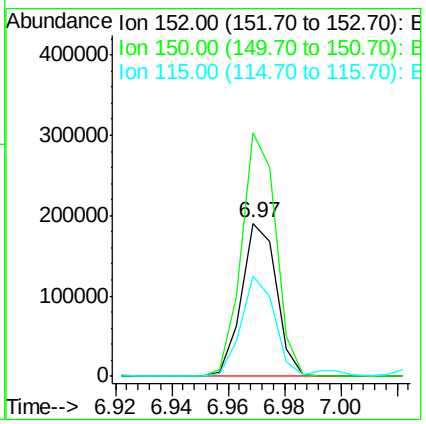


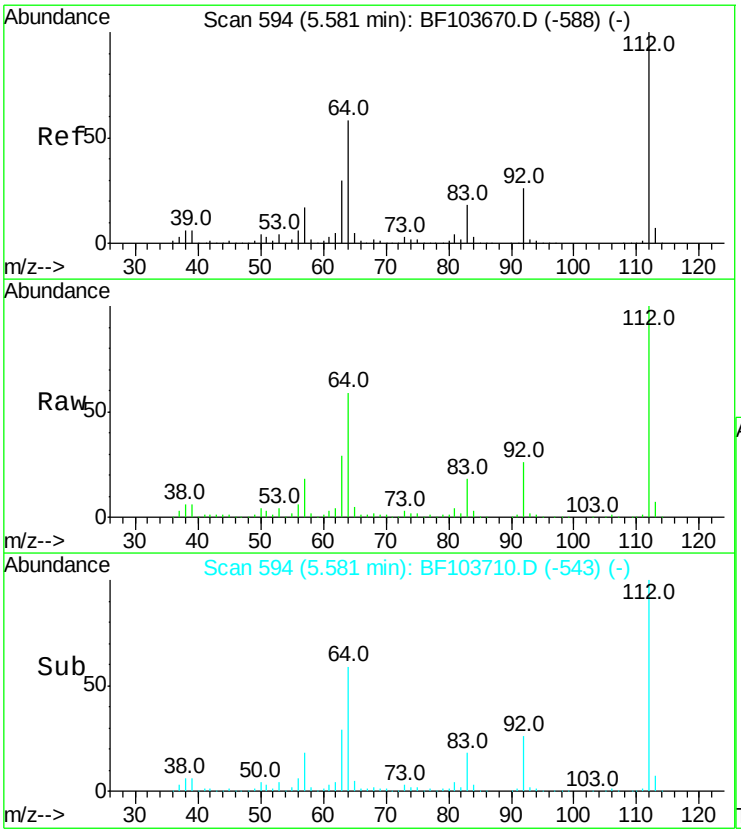
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 163160

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.6	186.8
115	65.0	50.1	75.1

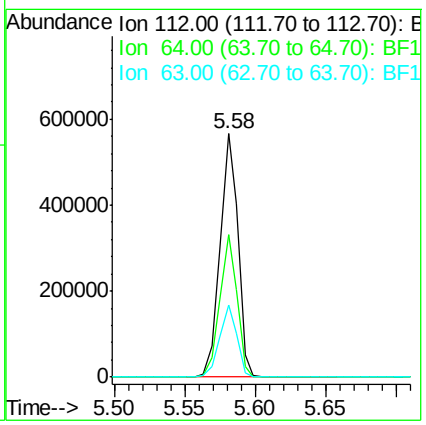


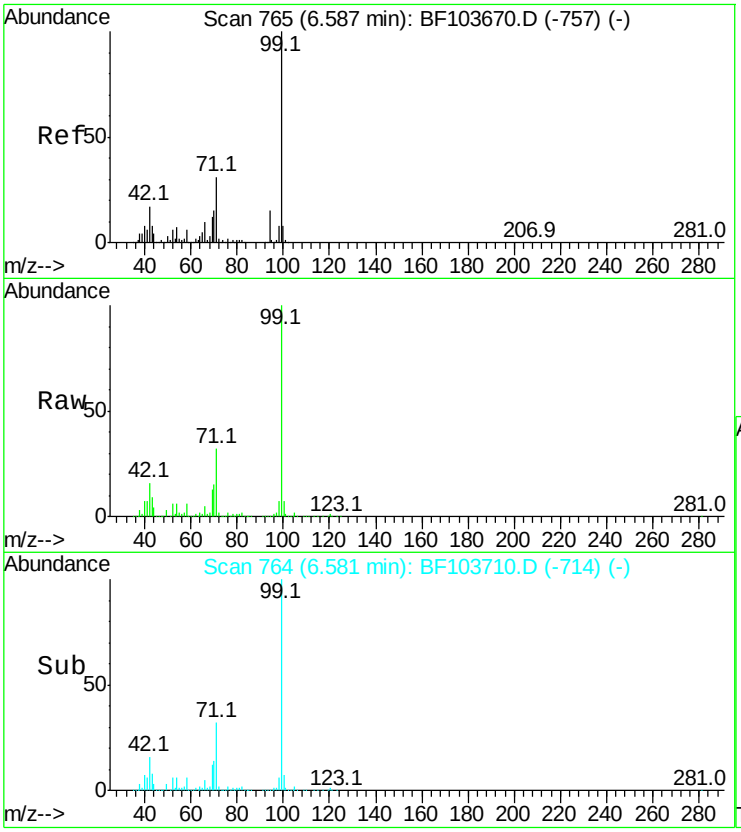


#5
2-Fluorophenol
Concen: 46.207 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion:112 Resp: 495671

Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.9	71.9
63	29.4	23.7	35.5



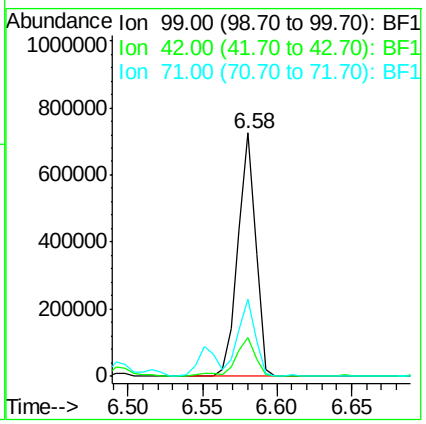


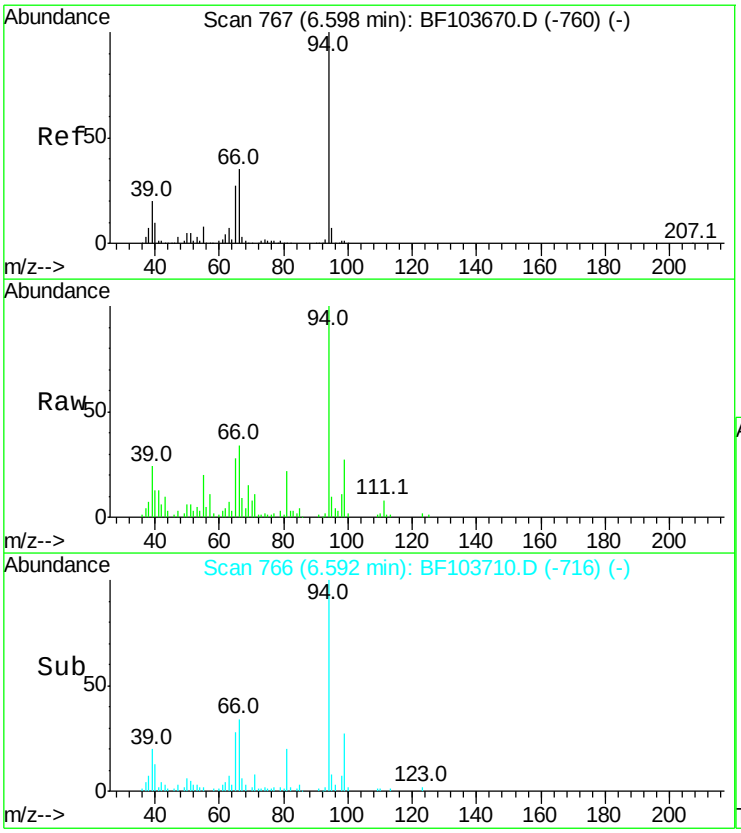
#7
Phenol-d6
Concen: 46.305 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 607700

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.5	21.7
71	31.7	25.4	38.0

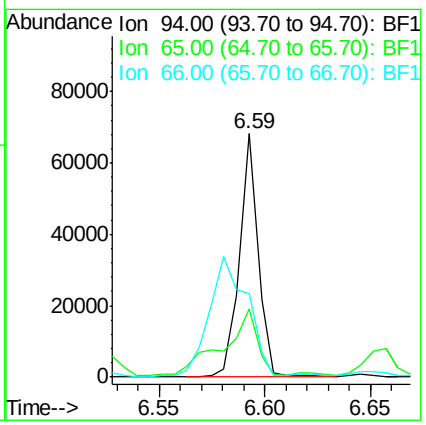


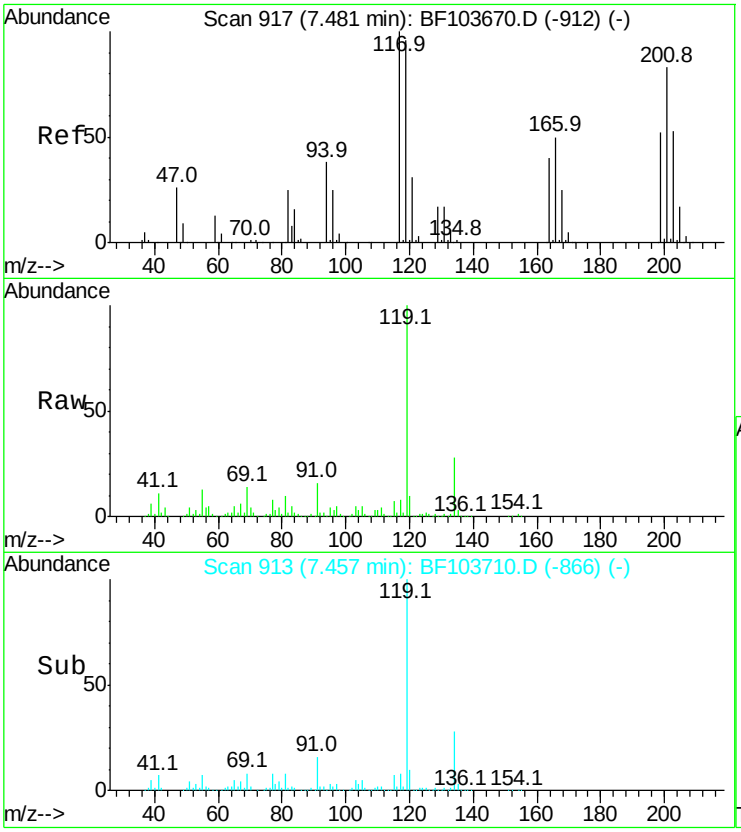


#10
Phenol
Concen: 2.998 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion: 94 Resp: 41803

Ion	Ratio	Lower	Upper
94	100		
65	27.9	7.9	47.9
66	34.3	16.2	56.2



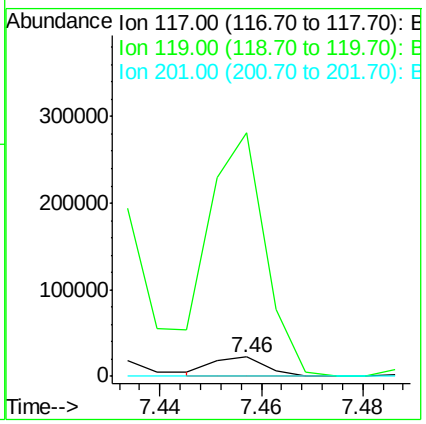


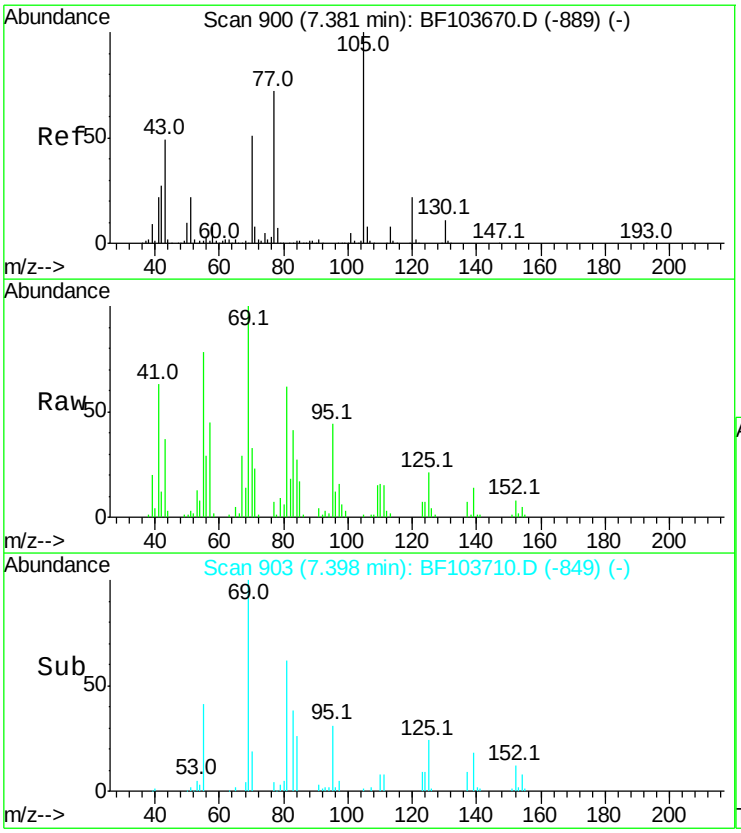
#18
Hexachloroethane
Concen: 3.638 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.02 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 16460

Ion	Ratio	Lower	Upper
117	100		
119	1264.0	75.8	113.8#
201	0.0	75.7	113.5#

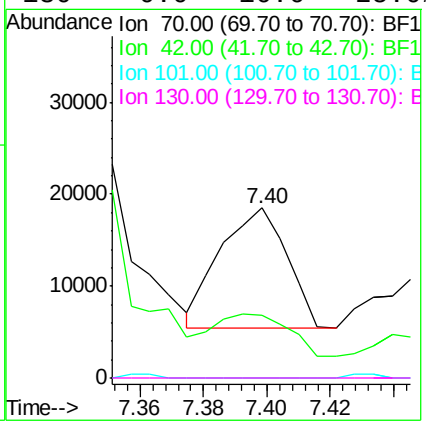


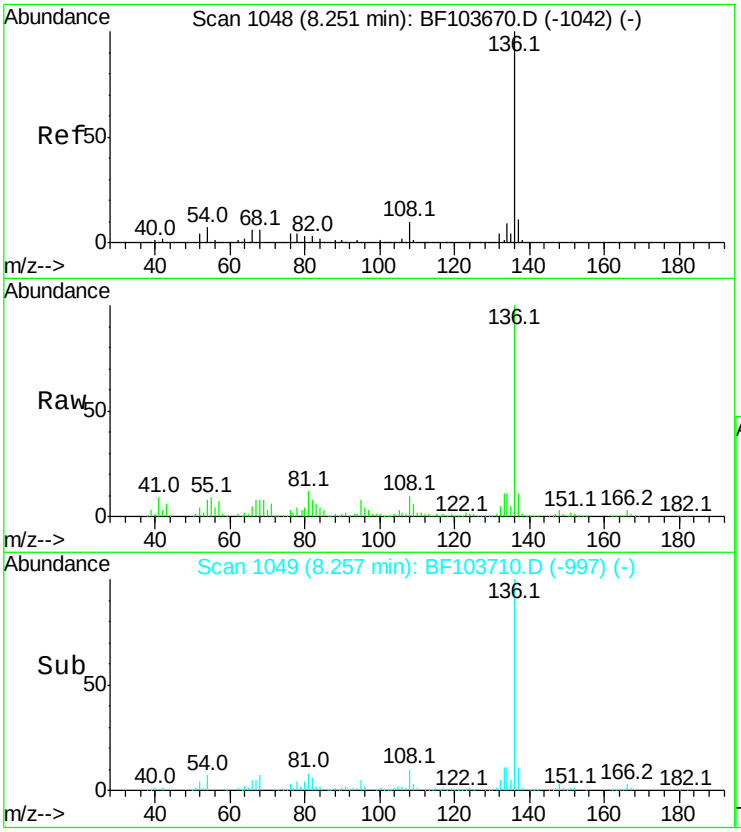


#19
n-Nitroso-di-n-propylamine
Concen: 2.268 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.02 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion: 70 Resp: 19076

Ion	Ratio	Lower	Upper
70	100		
42	36.8	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



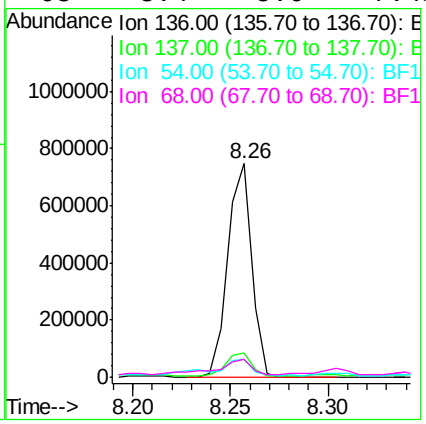


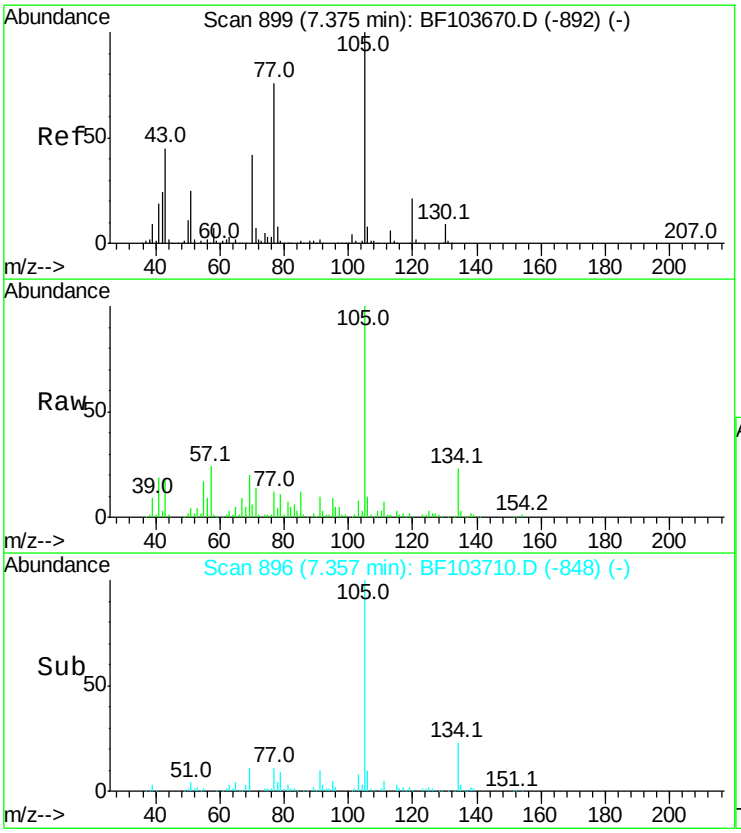
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 634789

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.2	6.6	9.8
68	8.4	5.0	7.4#

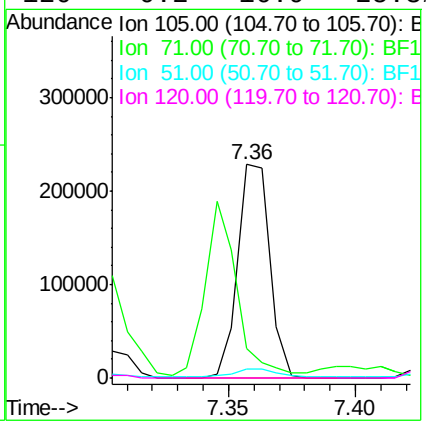


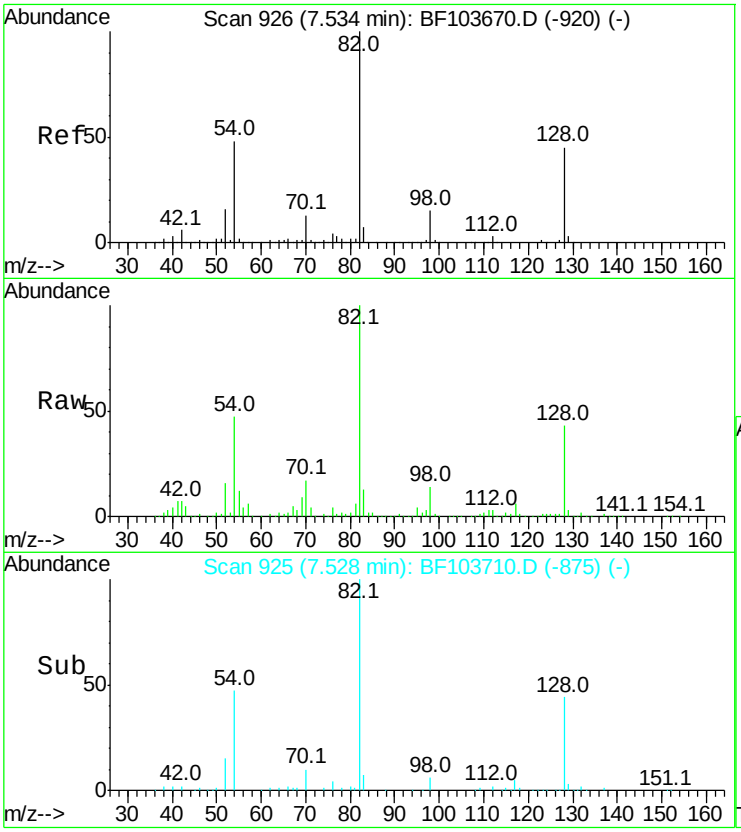


#22
Acetophenone
Concen: 12.328 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion:105 Resp: 201128

Ion	Ratio	Lower	Upper
105	100		
71	14.1	4.4	6.6#
51	4.3	22.3	33.5#
120	0.2	16.9	25.3#



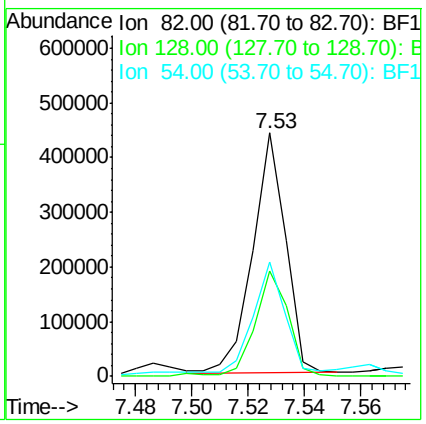


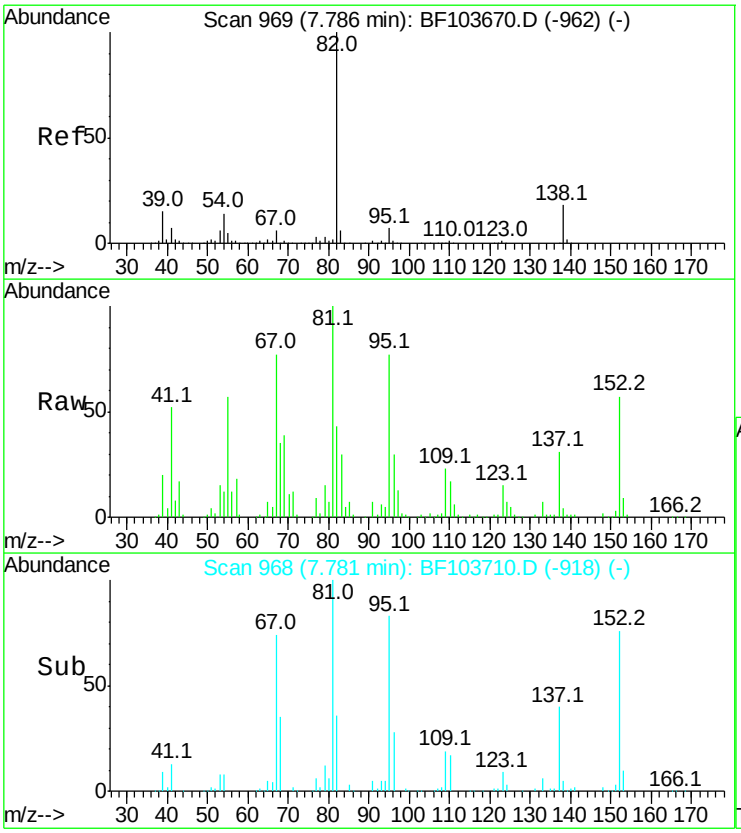
#23
Nitrobenzene-d5
Concen: 39.166 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 356516

Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	47.0	41.4	62.2

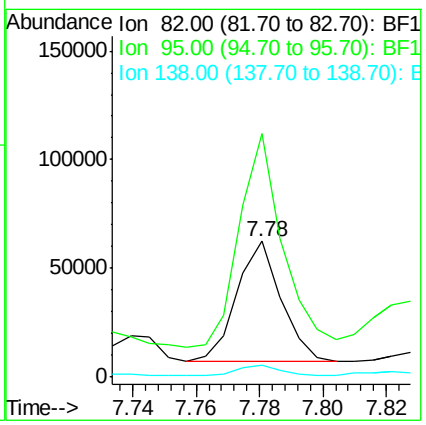


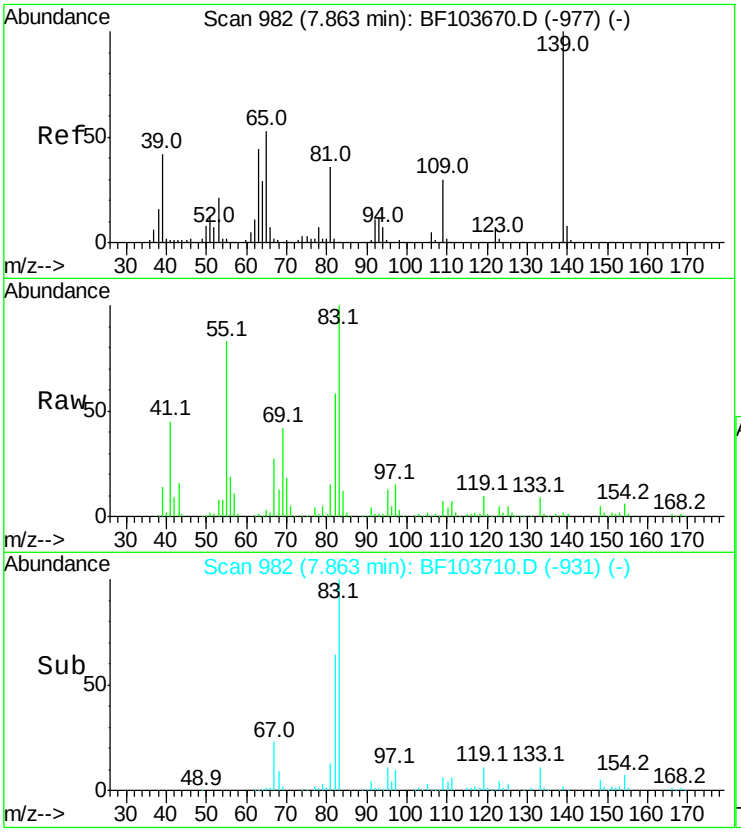


#25
Isophorone
Concen: 2.569 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion: 82 Resp: 54134

Ion	Ratio	Lower	Upper
82	100		
95	179.3	5.2	7.8#
138	9.2	14.9	22.3#



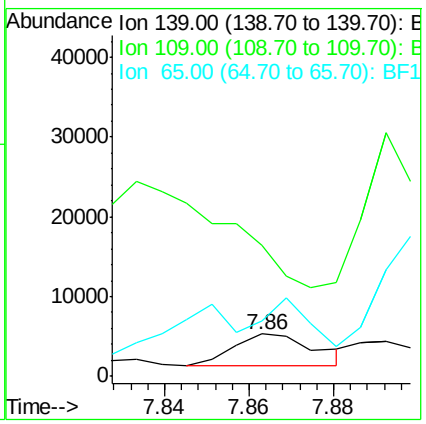


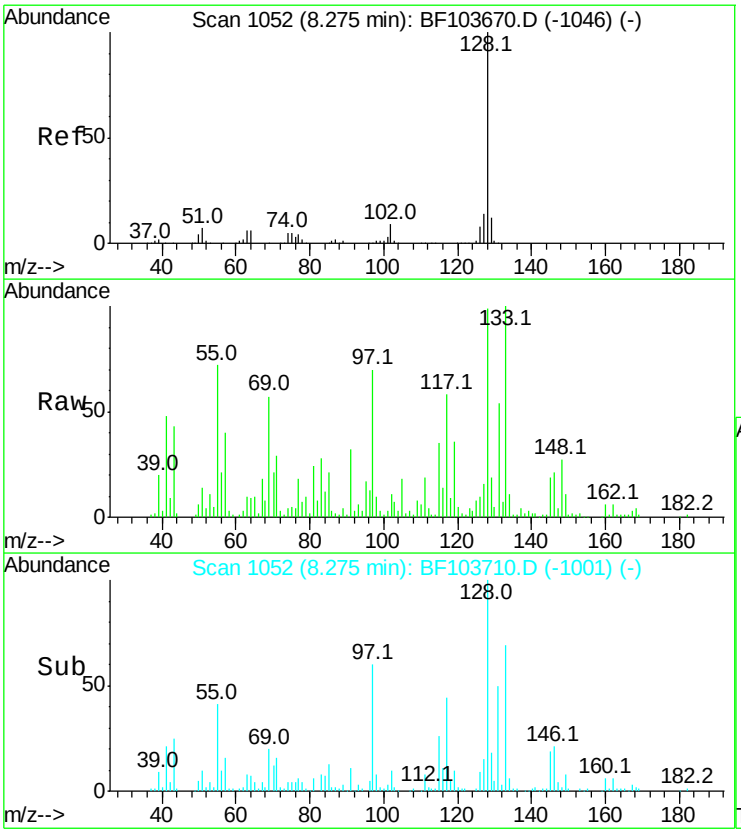
#26
2-Nitrophenol
Concen: 10.527 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 5474

Ion	Ratio	Lower	Upper
139	100		
109	312.5	22.7	34.1#
65	130.5	40.5	60.7#

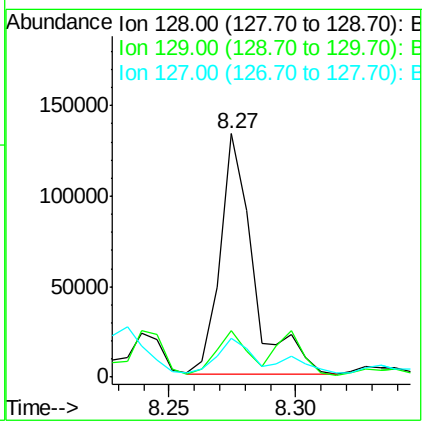


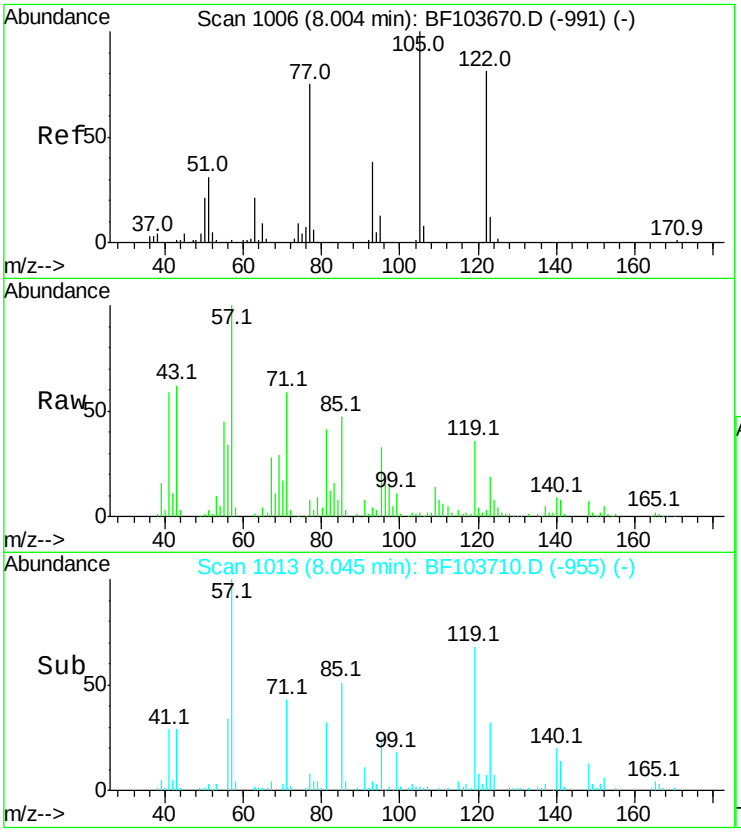


#31
Naphthalene
Concen: 3.822 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion:128 Resp: 122557

Ion	Ratio	Lower	Upper
128	100		
129	19.1	8.8	13.2#
127	16.0	10.9	16.3



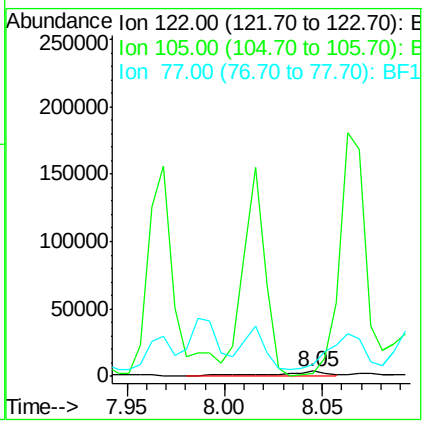


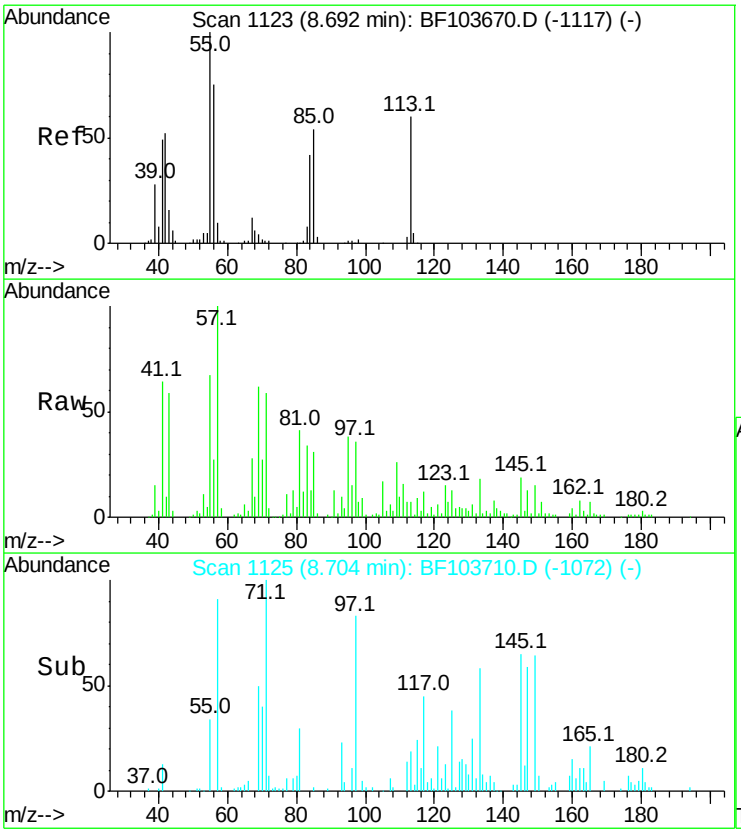
#32
Benzoic acid
Concen: 10.531 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.04 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 5023

Ion	Ratio	Lower	Upper
122	100		
105	62.7	101.1	141.1#
77	251.1	70.7	110.7#

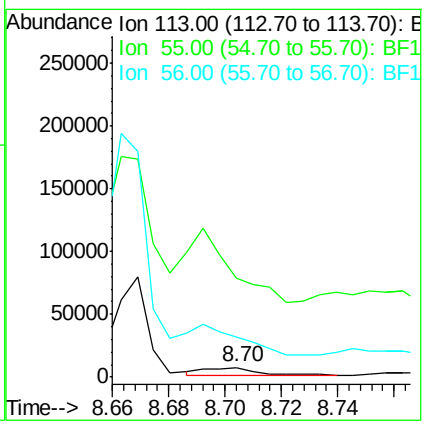


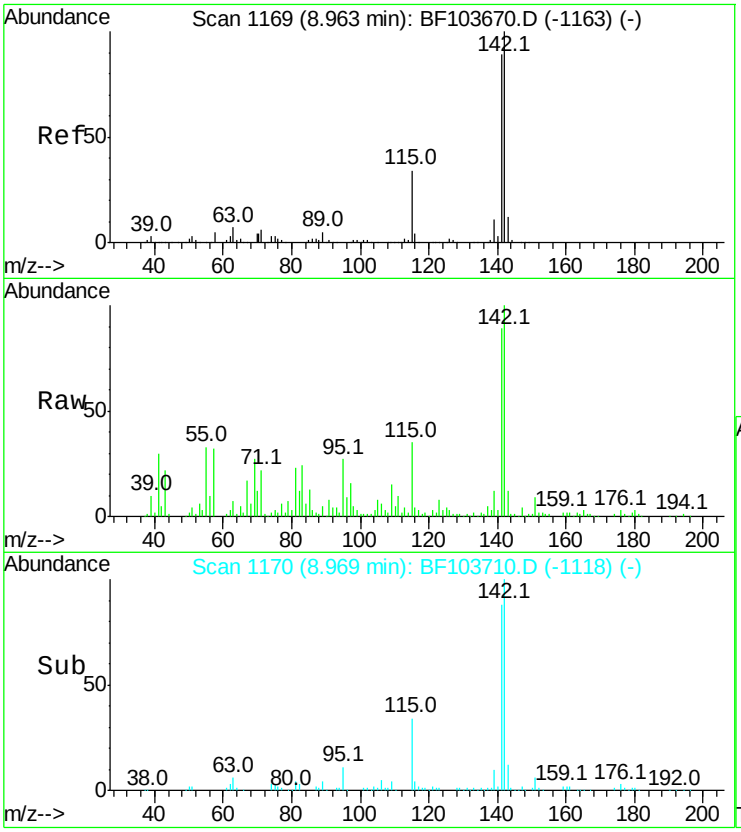


#35
Caprolactam
Concen: 3.075 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion:113 Resp: 8696

Ion	Ratio	Lower	Upper
113	100		
55	1028.6	163.3	203.3#
56	413.8	115.7	155.7#



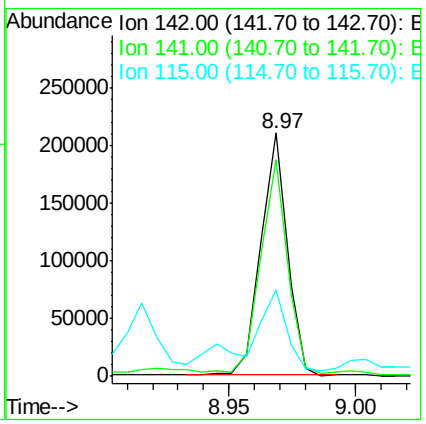


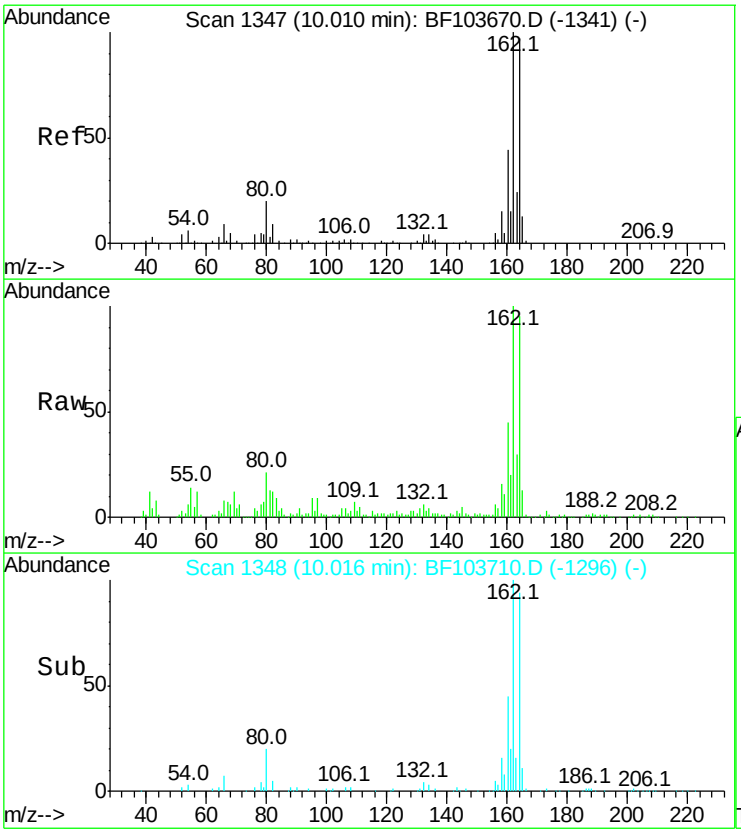
#37
2-Methylnaphthalene
Concen: 7.580 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 154148

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	35.3	26.1	39.1

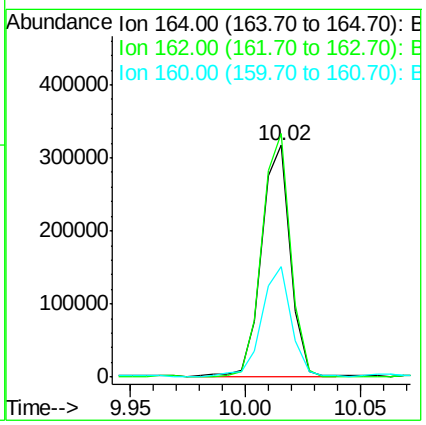


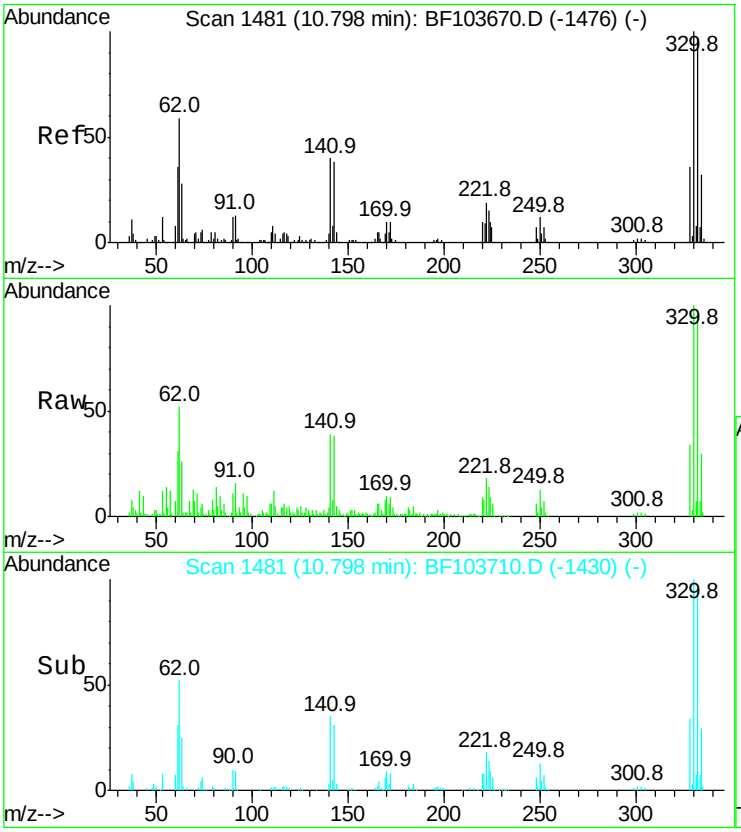


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion:164 Resp: 273312

Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	47.7	38.3	57.5



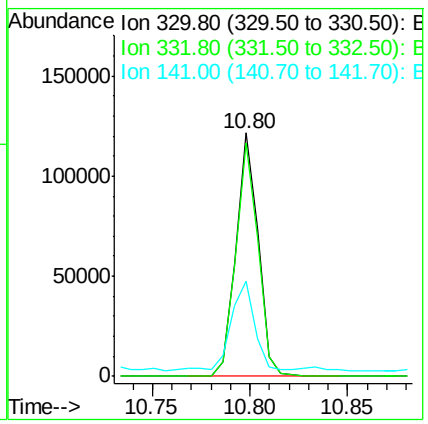


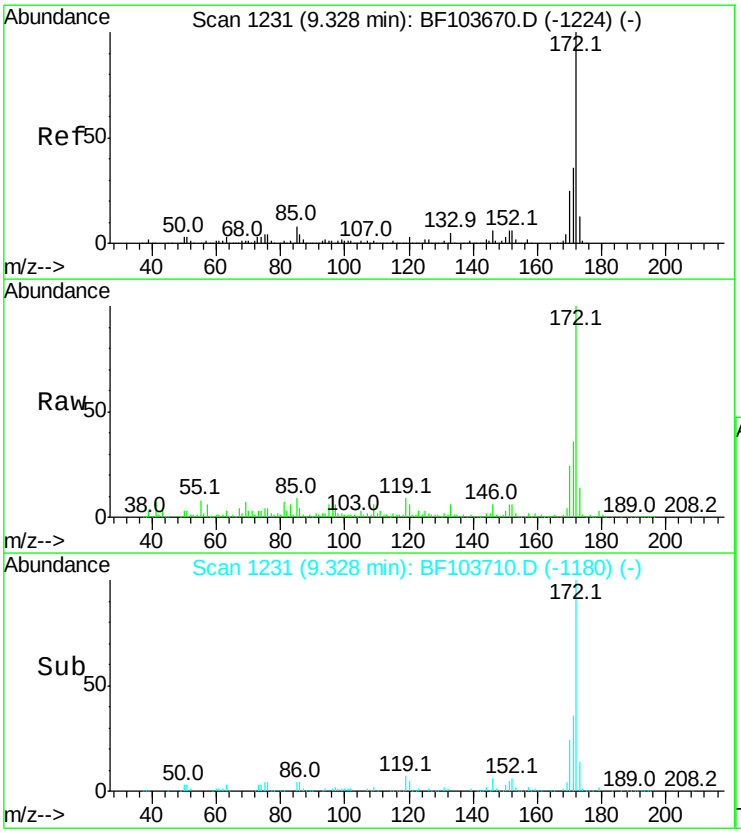
#41
2,4,6-Tribromophenol
Concen: 40.791 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 95856

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	39.2	29.9	44.9

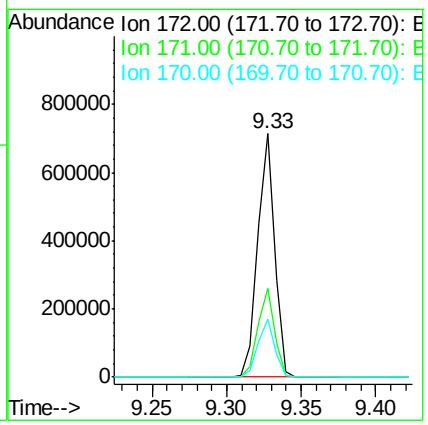


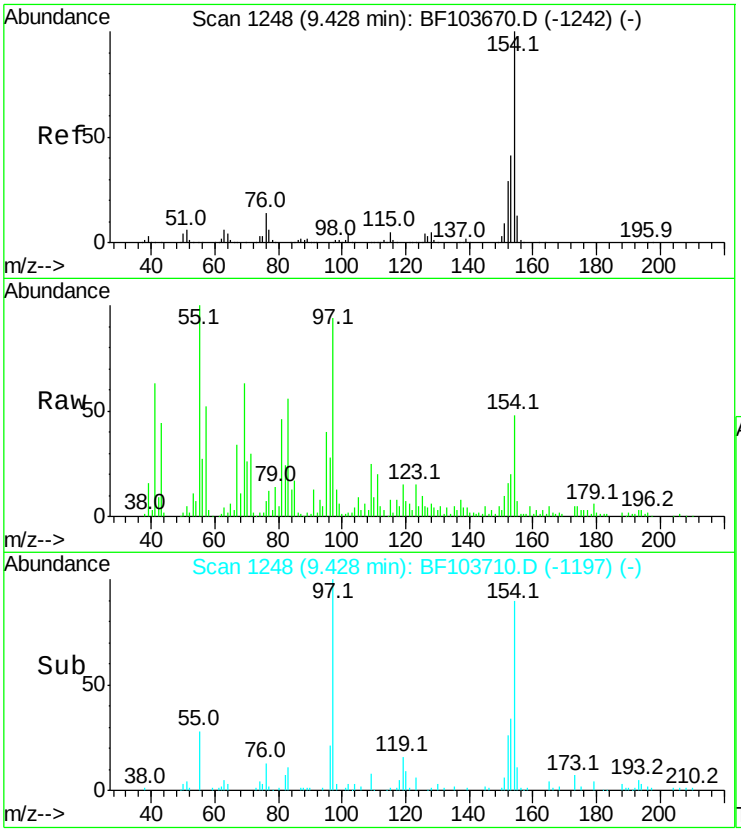


#44
2-Fluorobiphenyl
Concen: 32.293 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion:172 Resp: 553300

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4



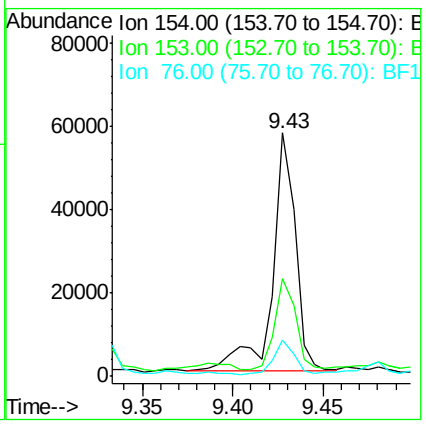


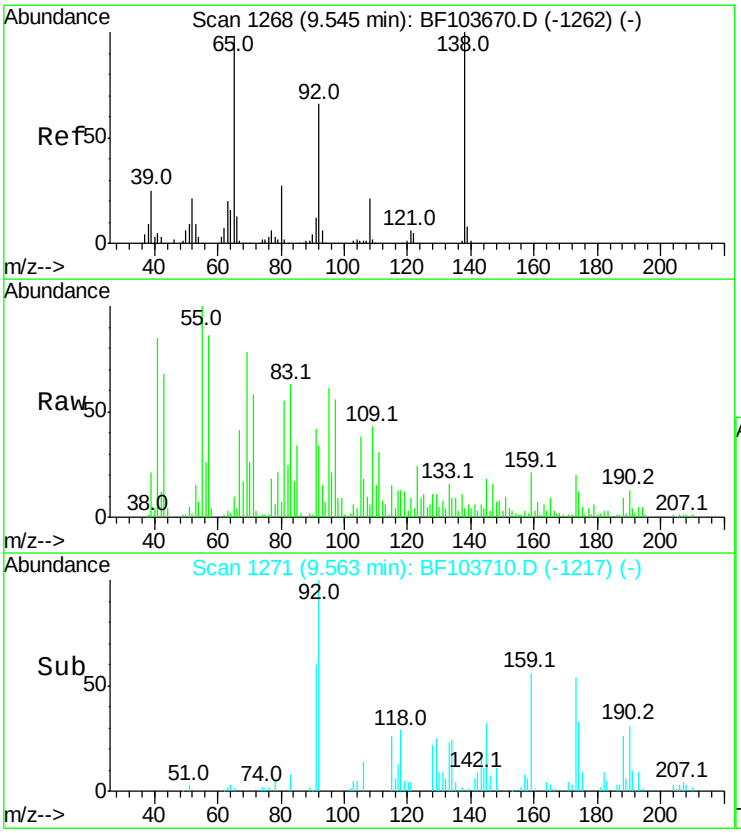
#45
1,1'-Biphenyl
Concen: 2.174 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 49550

Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	14.7	0.0	34.0

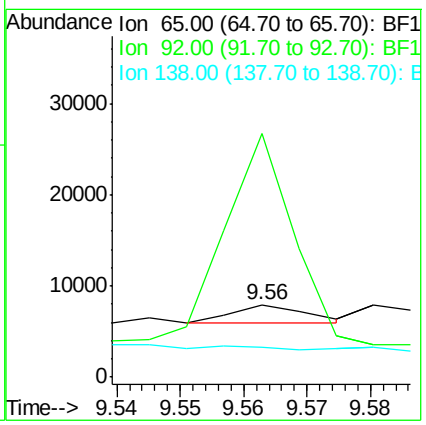


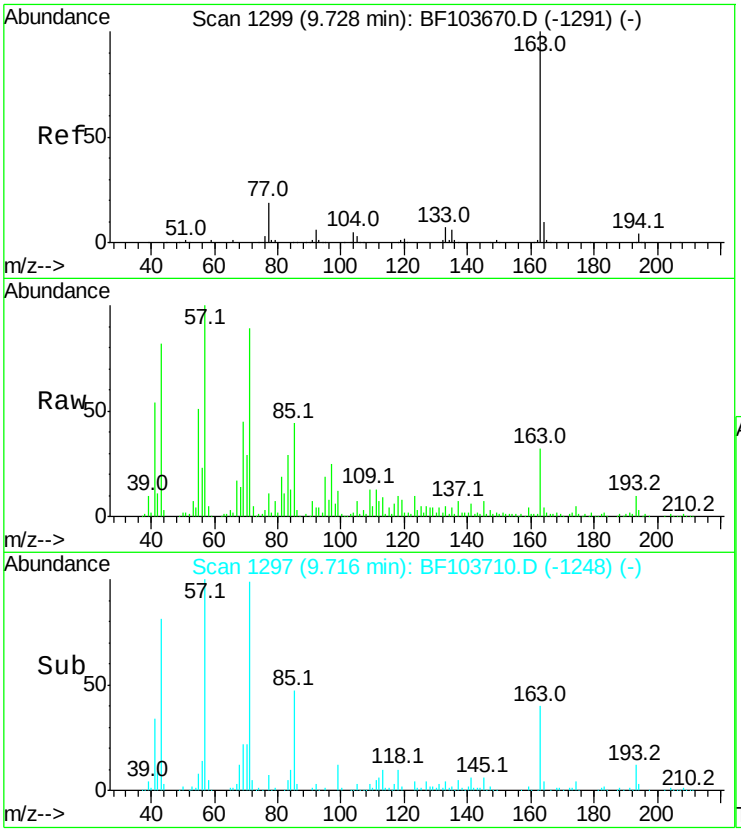


#47
2-Nitroaniline
Concen: 7.103 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.02 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion: 65 Resp: 1593

Ion	Ratio	Lower	Upper
65	100		
92	336.3	55.8	83.6#
138	41.5	91.2	136.8#



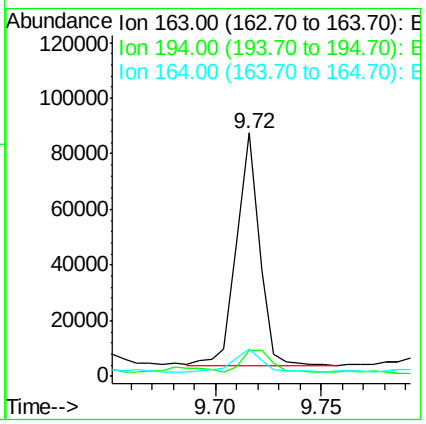


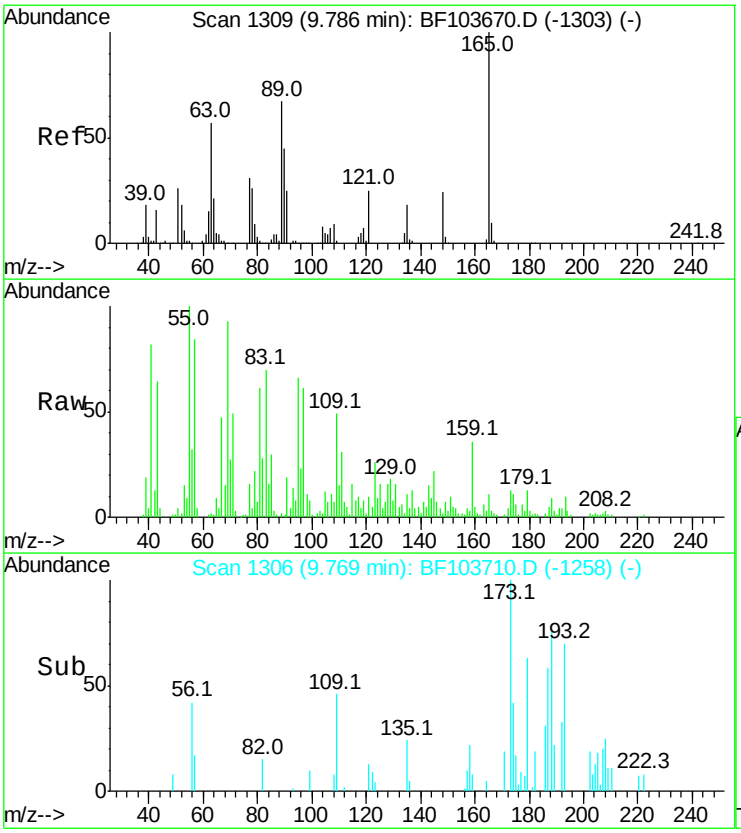
#49
Dimethylphthalate
Concen: 3.063 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 63865

Ion	Ratio	Lower	Upper
163	100		
194	10.7	2.7	4.1#
164	11.4	8.2	12.2

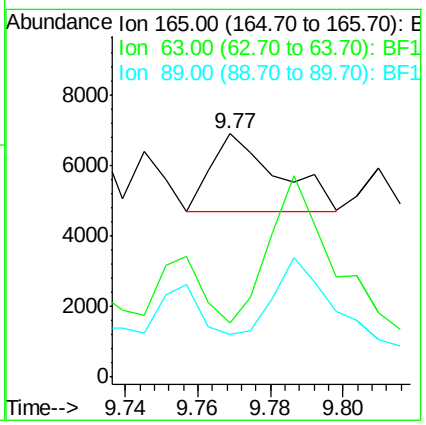


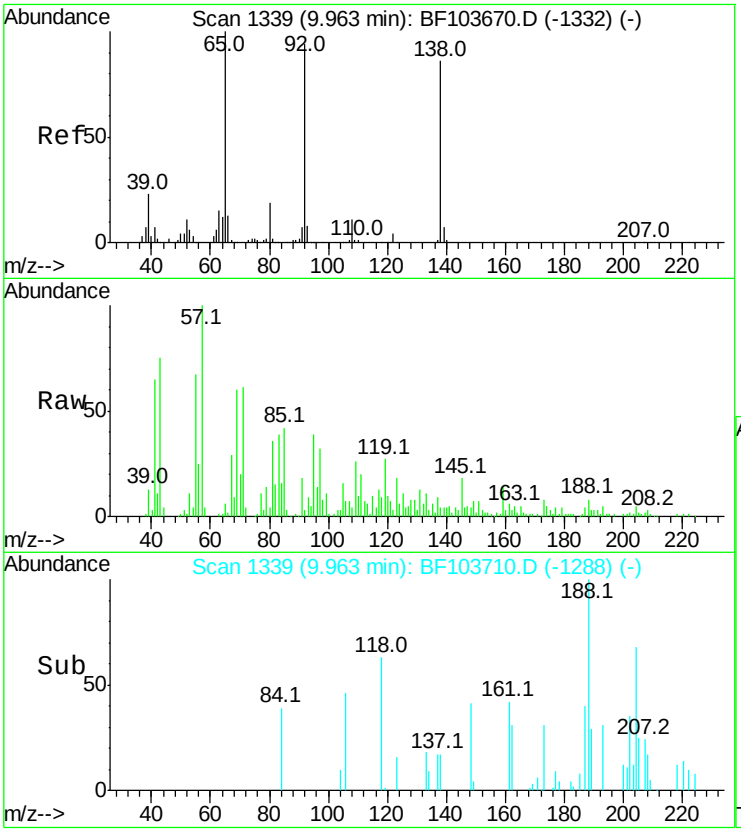


#50
2,6-Dinitrotoluene
Concen: 4.621 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion:165 Resp: 2802

Ion	Ratio	Lower	Upper
165	100		
63	22.3	44.7	67.1#
89	17.7	44.0	66.0#



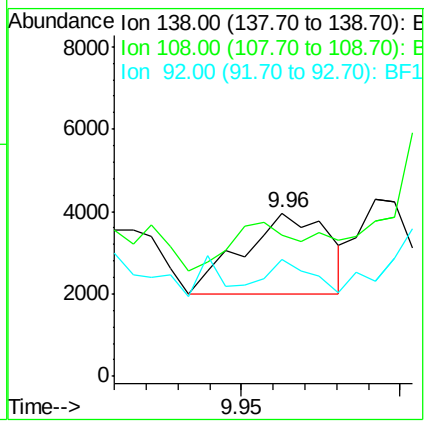


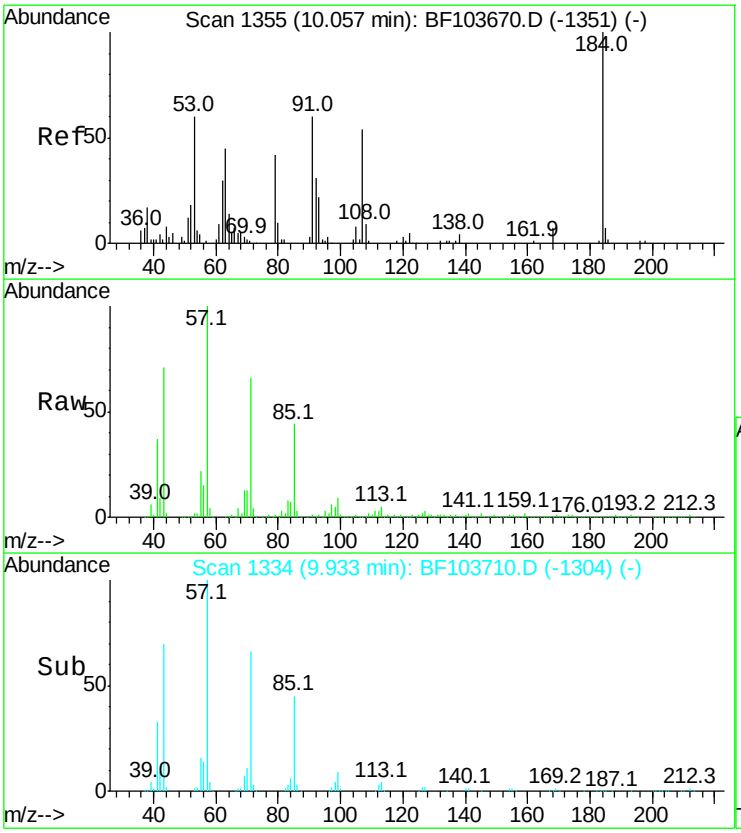
#52
3-Nitroaniline
Concen: 4.517 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 3692

Ion	Ratio	Lower	Upper
138	100		
108	86.5	9.4	14.0#
92	71.2	89.4	134.2#

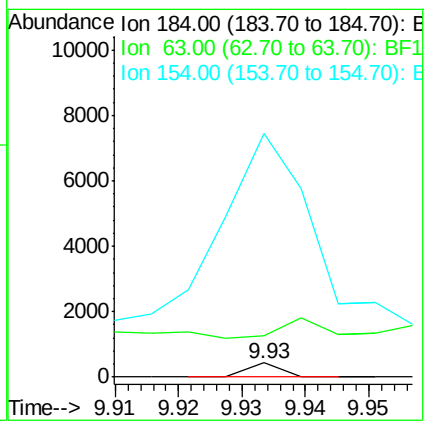


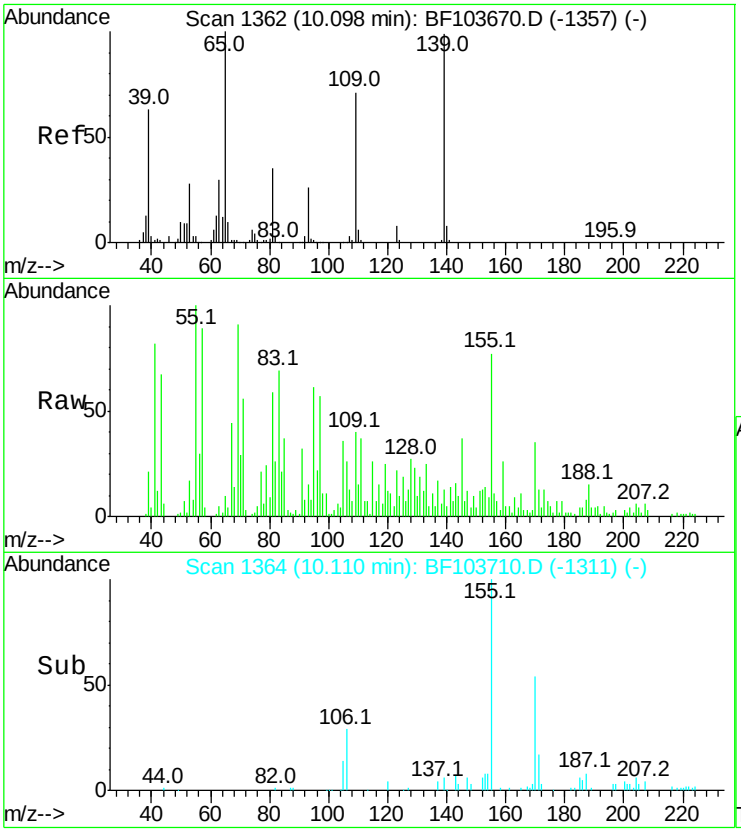


#53
2,4-Dinitrophenol
Concen: 6.570 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.12 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion:184 Resp: 154

Ion	Ratio	Lower	Upper
184	100		
63	289.2	54.2	81.2#
154	1706.9	184.0	276.0#



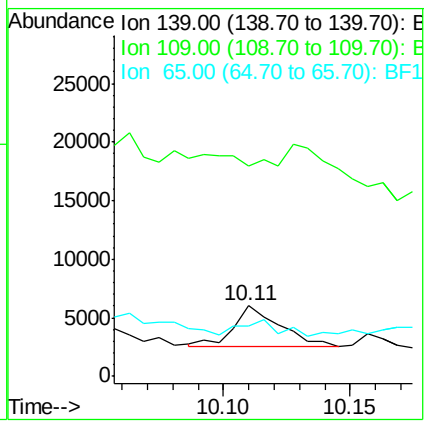


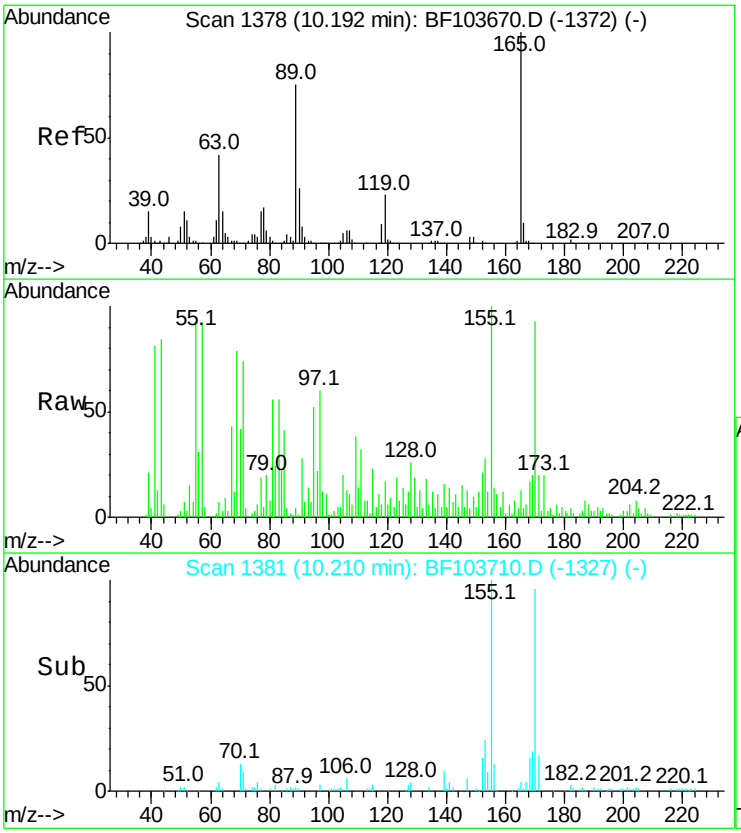
#55
4-Nitrophenol
Concen: 6.036 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 4340

Ion	Ratio	Lower	Upper
139	100		
109	300.3	48.4	88.4#
65	72.4	72.6	112.6#

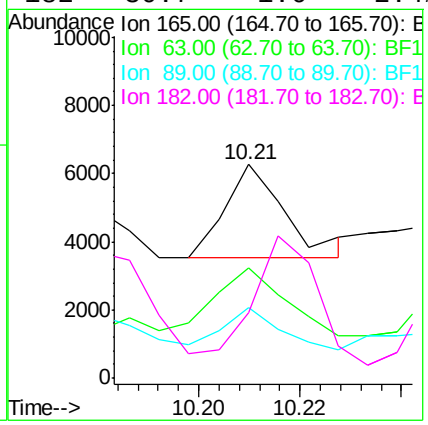


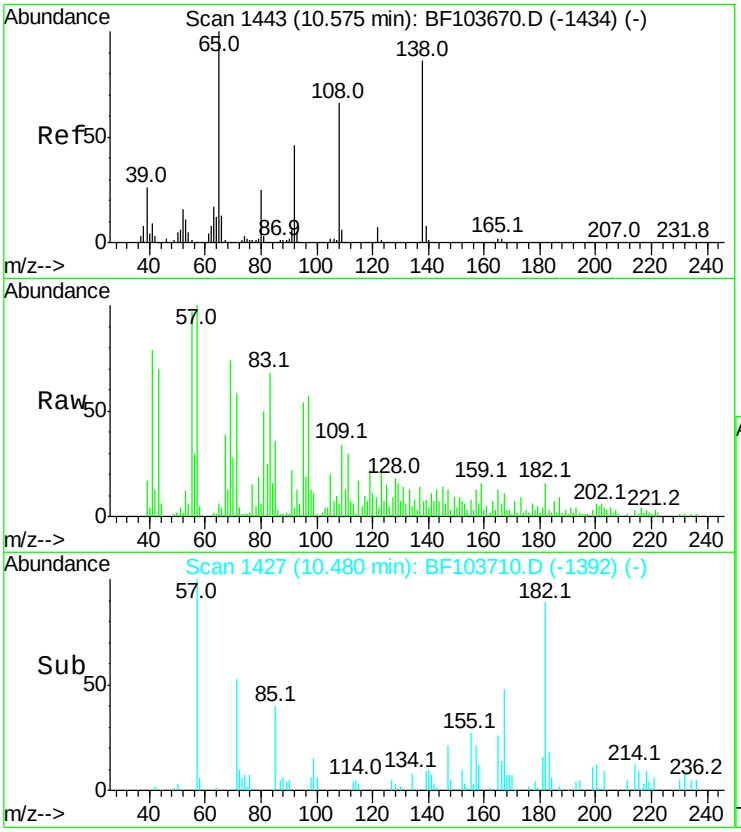


#56
2,4-Dinitrotoluene
Concen: 6.603 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.02 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion:165 Resp: 2288

Ion	Ratio	Lower	Upper
165	100		
63	51.8	36.4	54.6
89	32.7	57.8	86.6#
182	30.7	1.6	2.4#



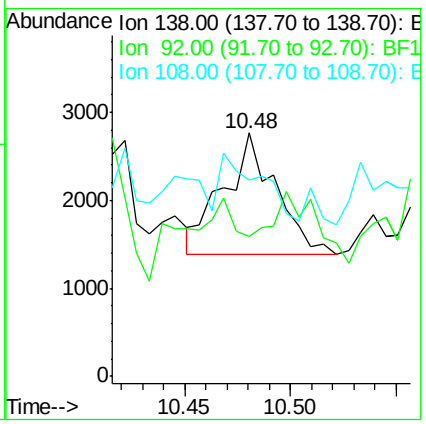


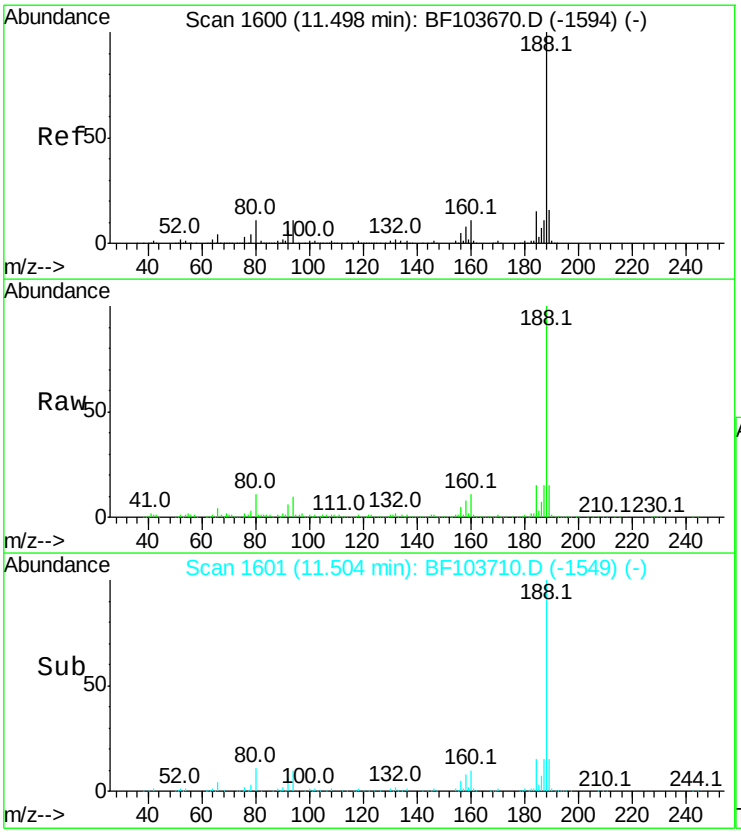
#61
4-Nitroaniline
Concen: 4.213 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.09 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 2341

Ion	Ratio	Lower	Upper
138	100		
92	57.4	30.2	70.2
108	80.9	52.5	92.5

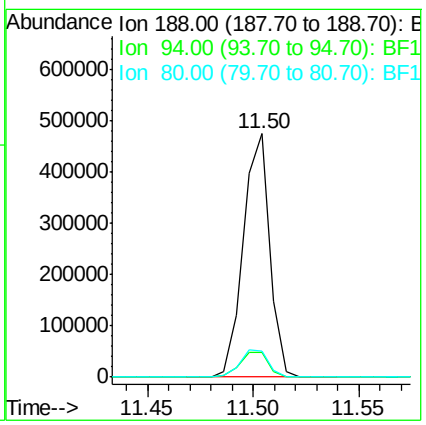


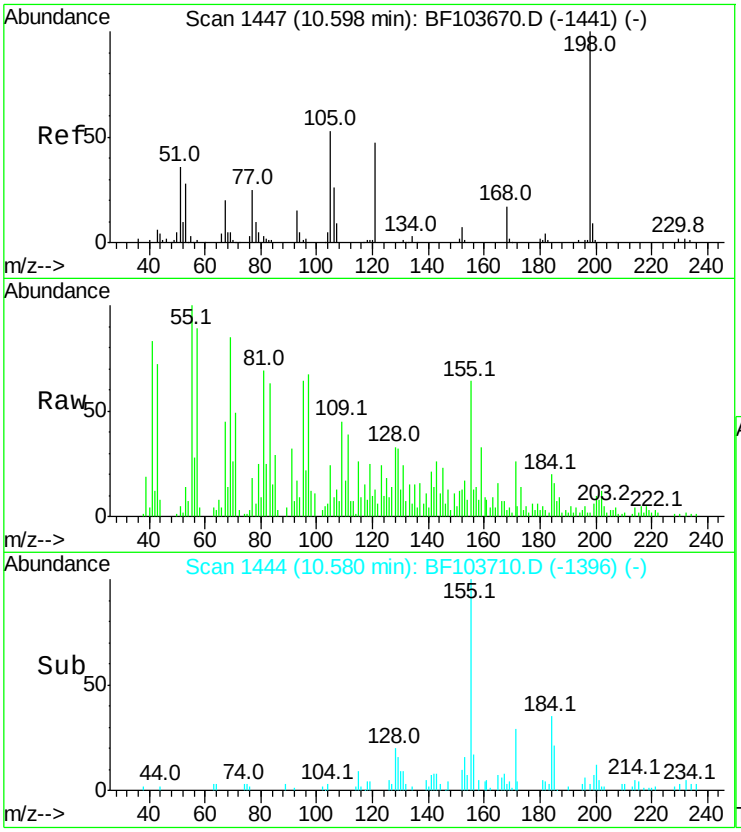


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion:188 Resp: 411977

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.8	9.2	13.8



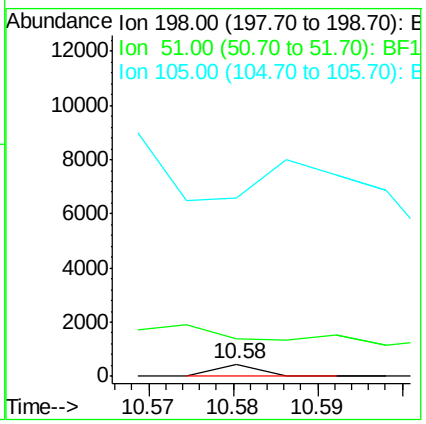


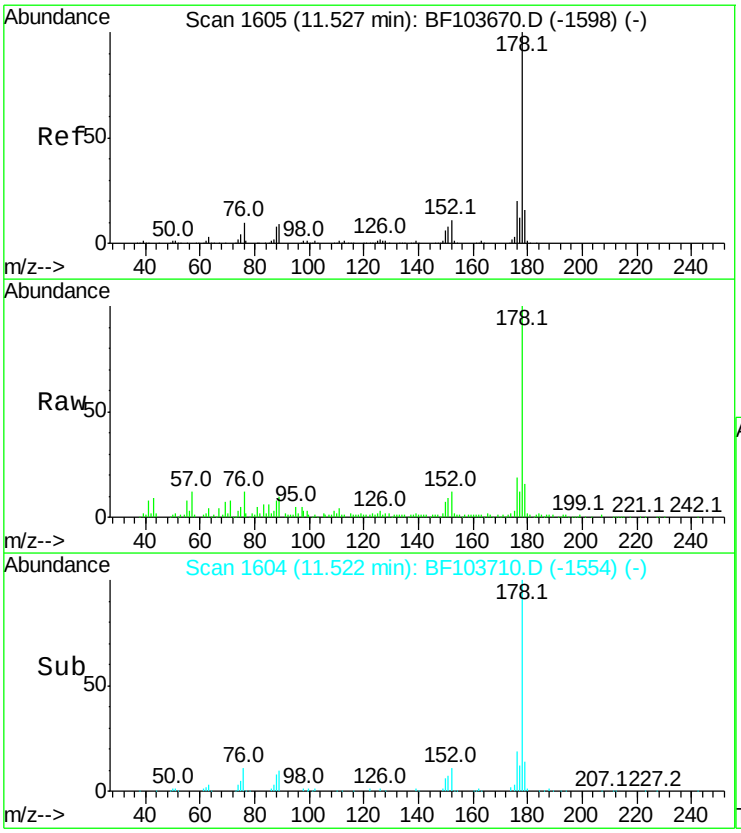
#64
4,6-Dinitro-2-methylphenol
Concen: 8.230 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.02 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 157

Ion	Ratio	Lower	Upper
198	100		
51	313.7	37.7	77.7#
105	1484.0	36.3	76.3#

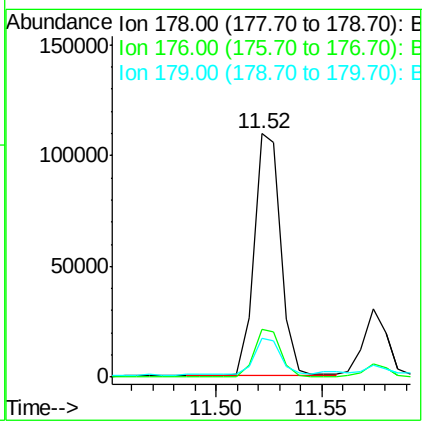


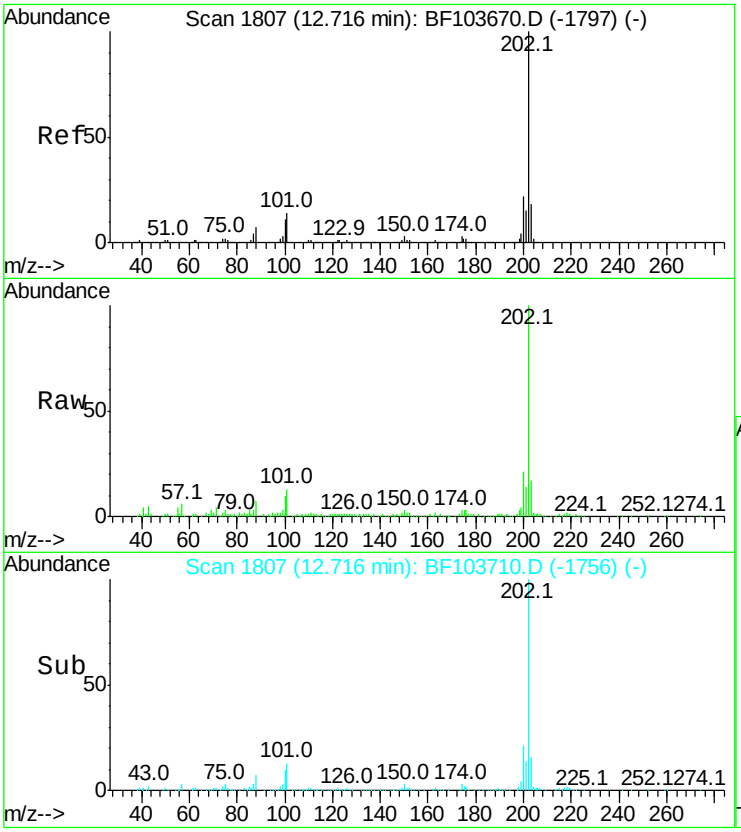


#70
Phenanthrene
Concen: 4.277 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion:178 Resp: 96381

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.8	13.0	19.6



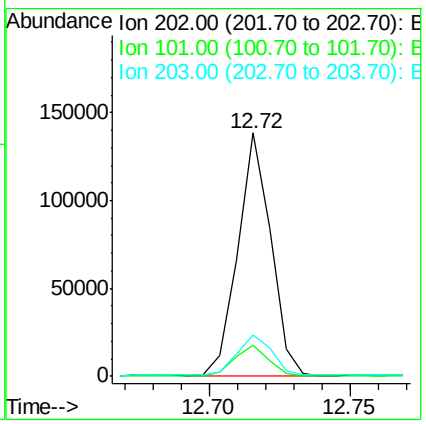


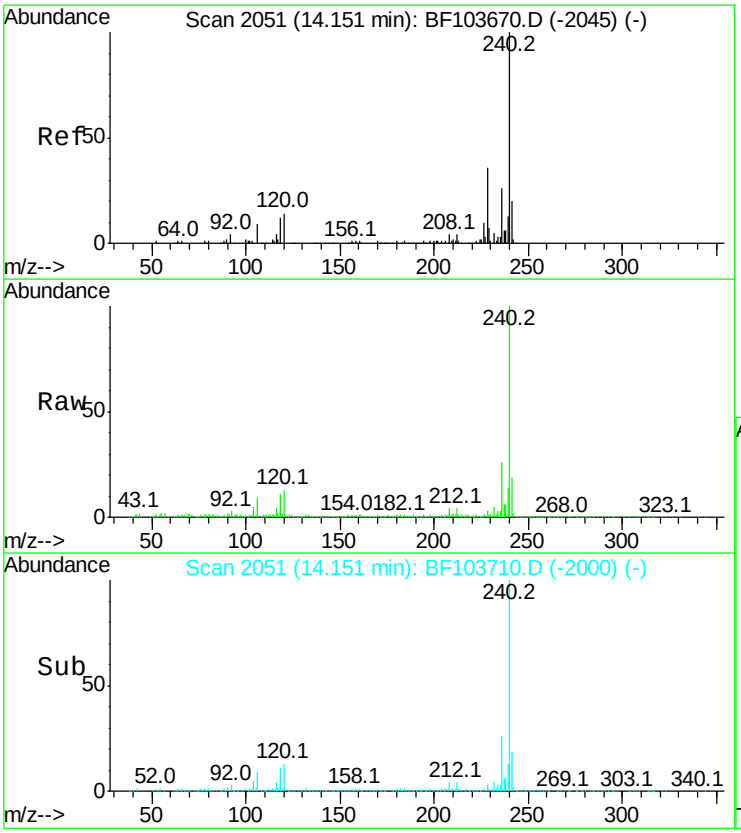
#74
Fluoranthene
Concen: 4.858 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.00 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 112795

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	16.9	0.0	38.1

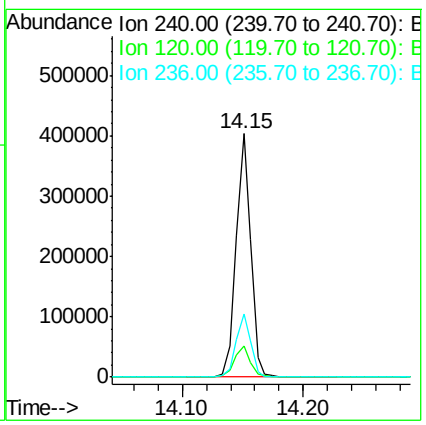


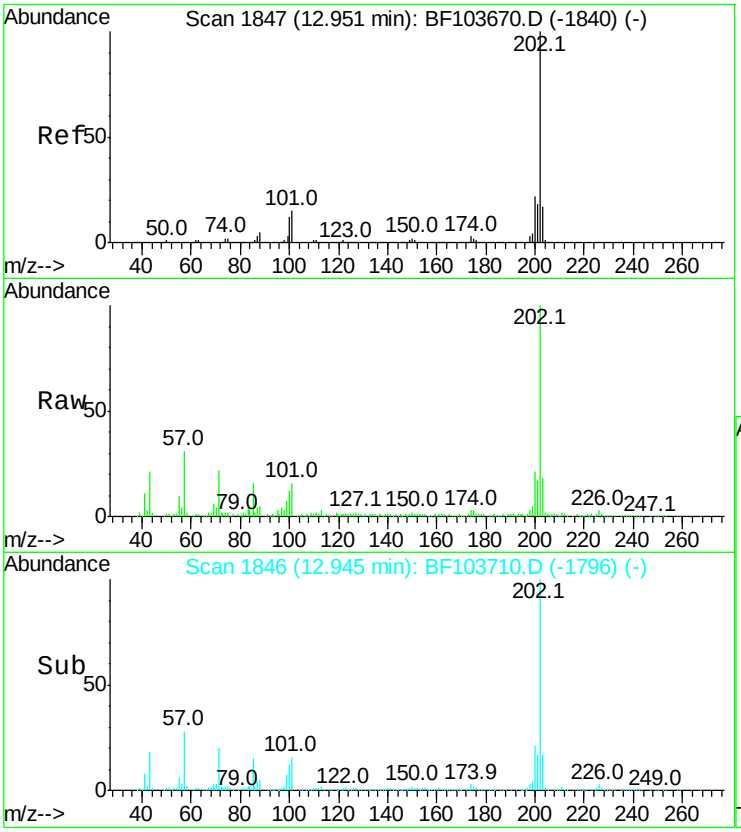


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion:240 Resp: 340225

Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	26.0	20.7	31.1



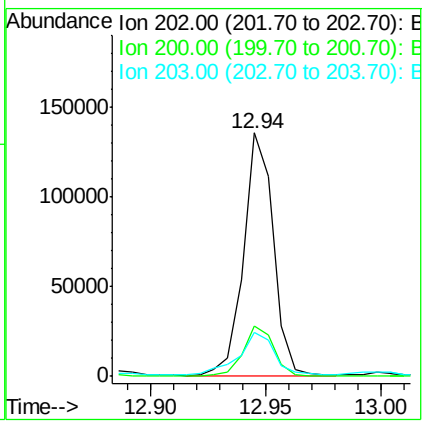


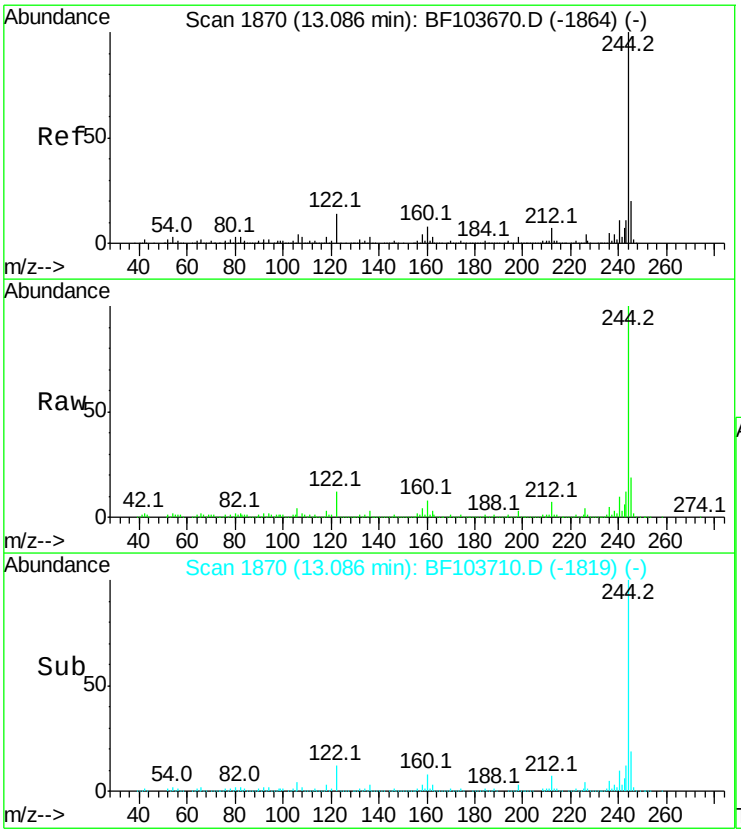
#77
Pyrene
Concen: 4.868 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 121633

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	18.2	14.3	21.5

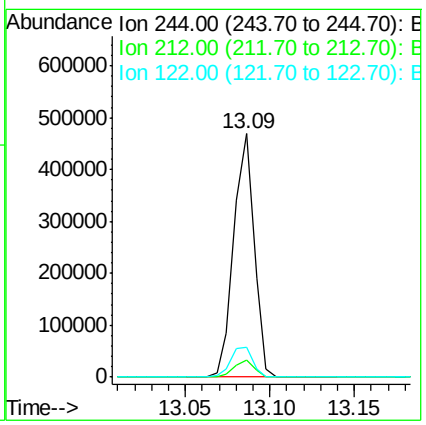


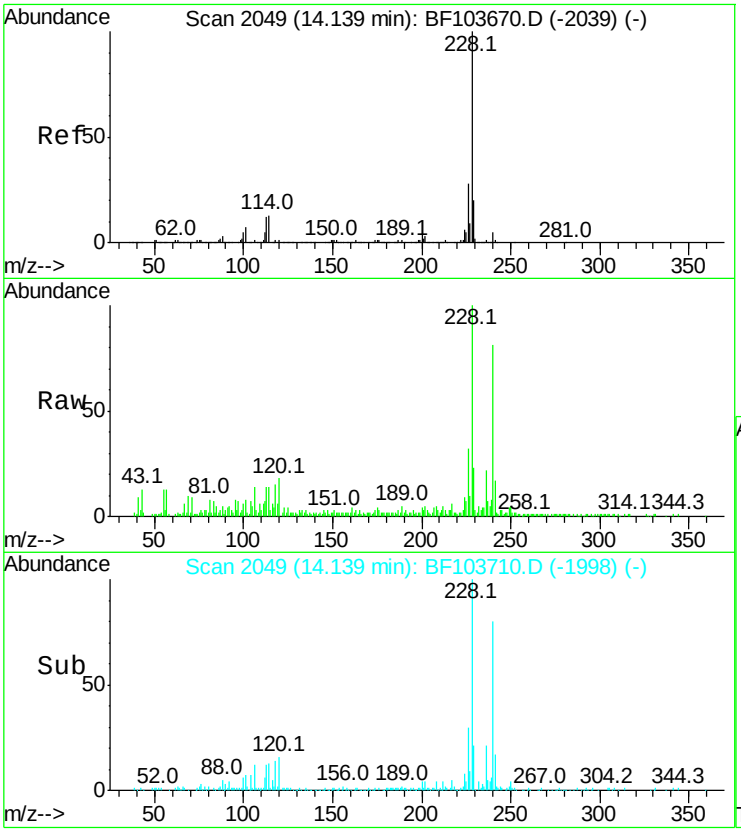


#78
Terphenyl-d14
Concen: 26.817 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion:244 Resp: 393072

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.4	11.0	16.4



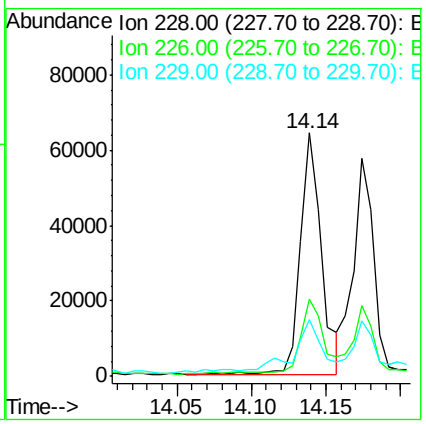


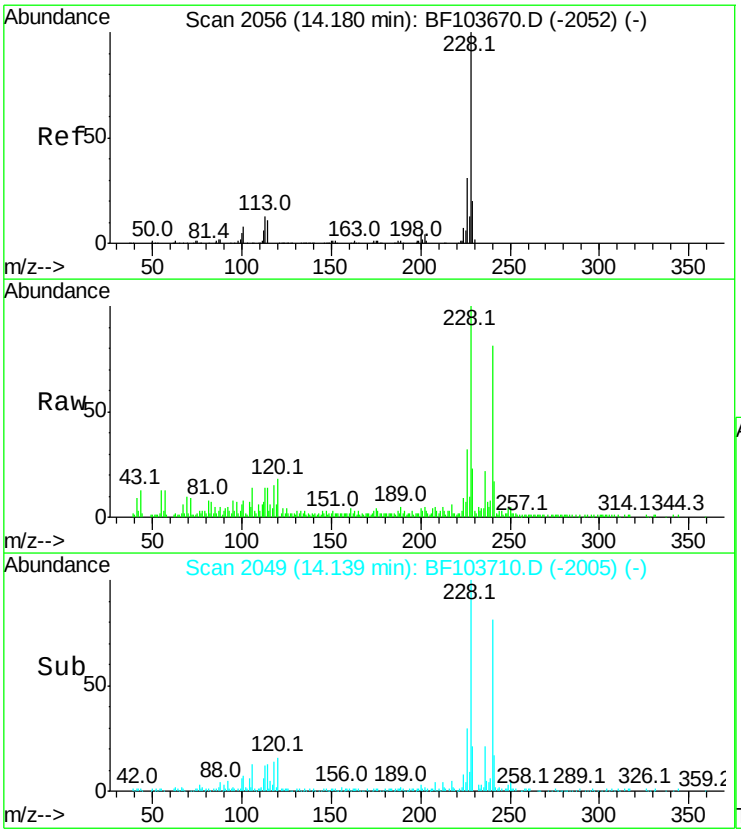
#80
Benzo(a)anthracene
Concen: 2.930 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.00 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 63106

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.6	33.8
229	23.3	15.8	23.6

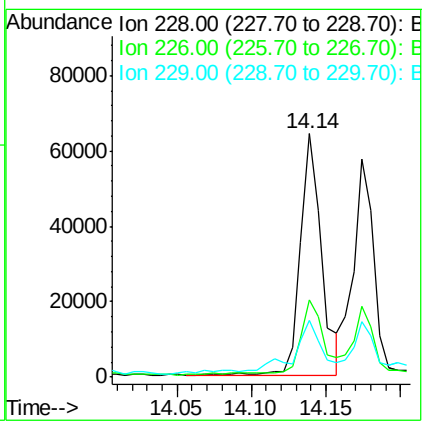


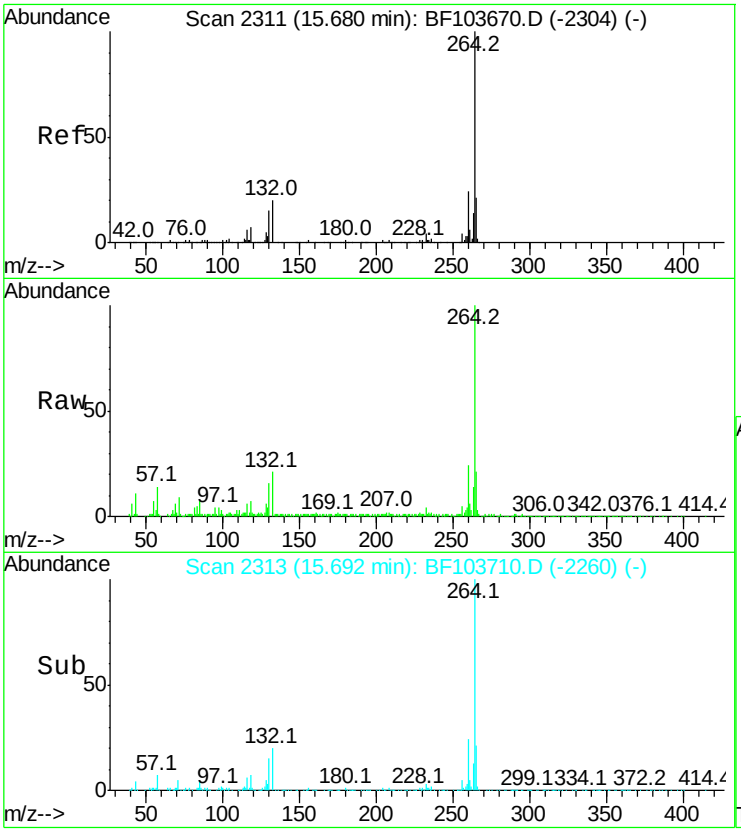


#82
Chrysene
Concen: 3.074 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.04 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion:228 Resp: 63106

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	23.3	16.2	24.4



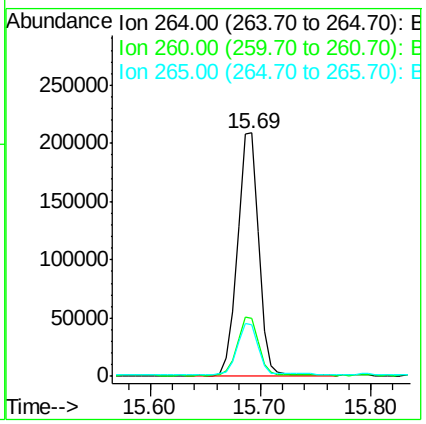


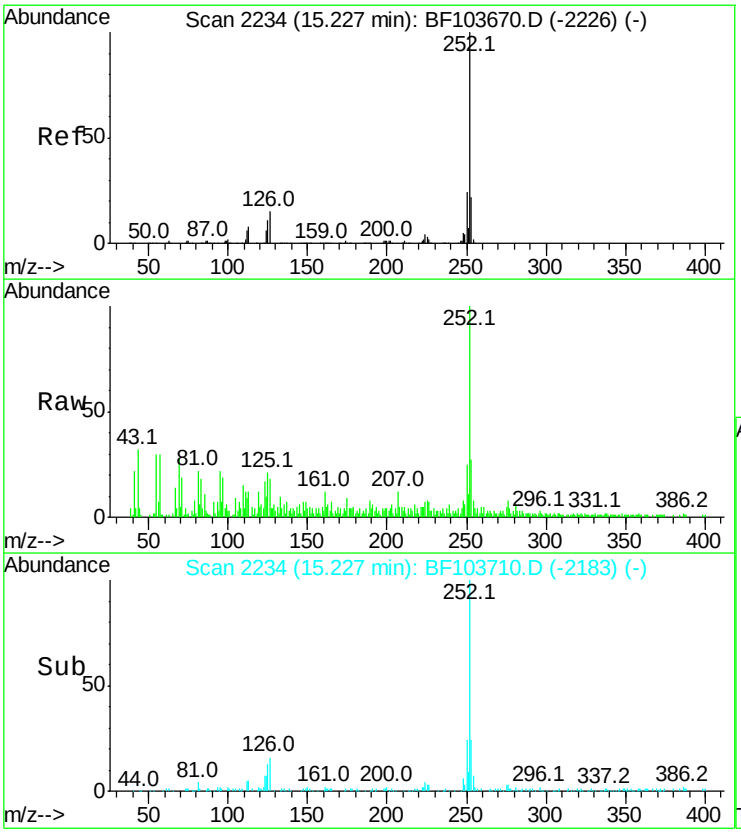
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 282164

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.5	26.3

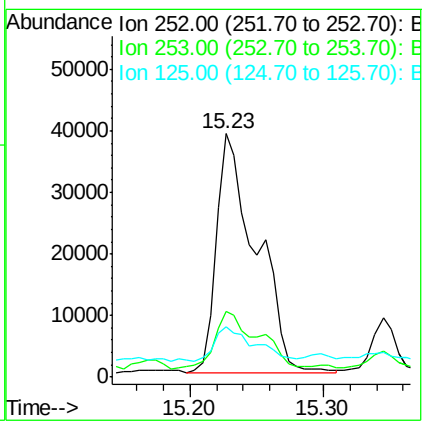


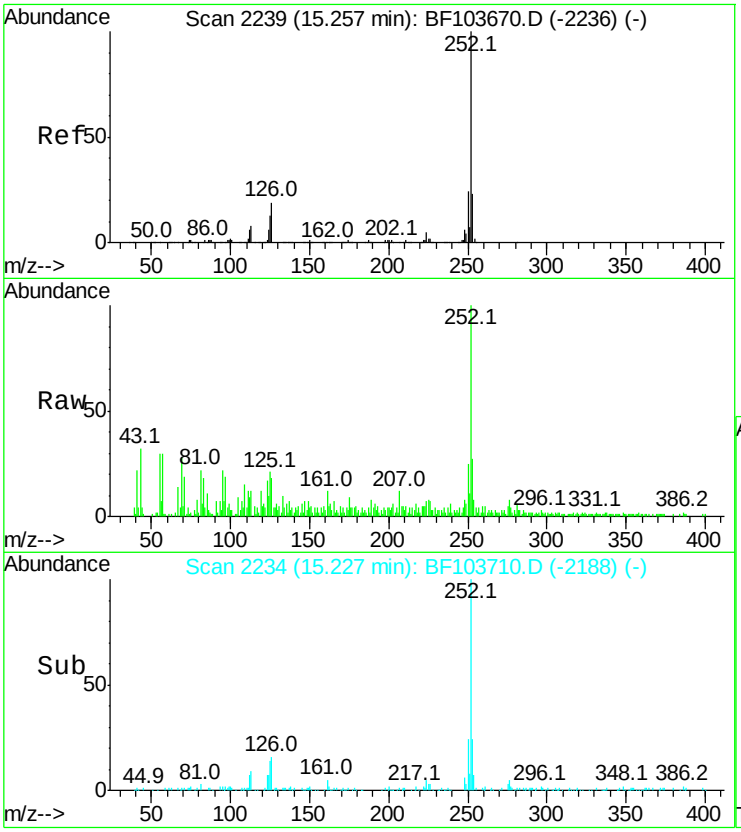


#87
Benzo(b)fluoranthene
Concen: 4.483 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion:252 Resp: 79924

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.0	25.6#
125	20.5	9.0	13.6#



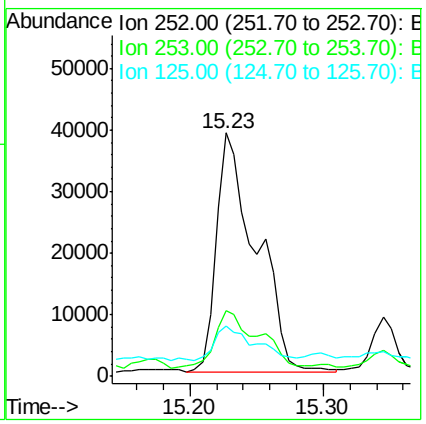


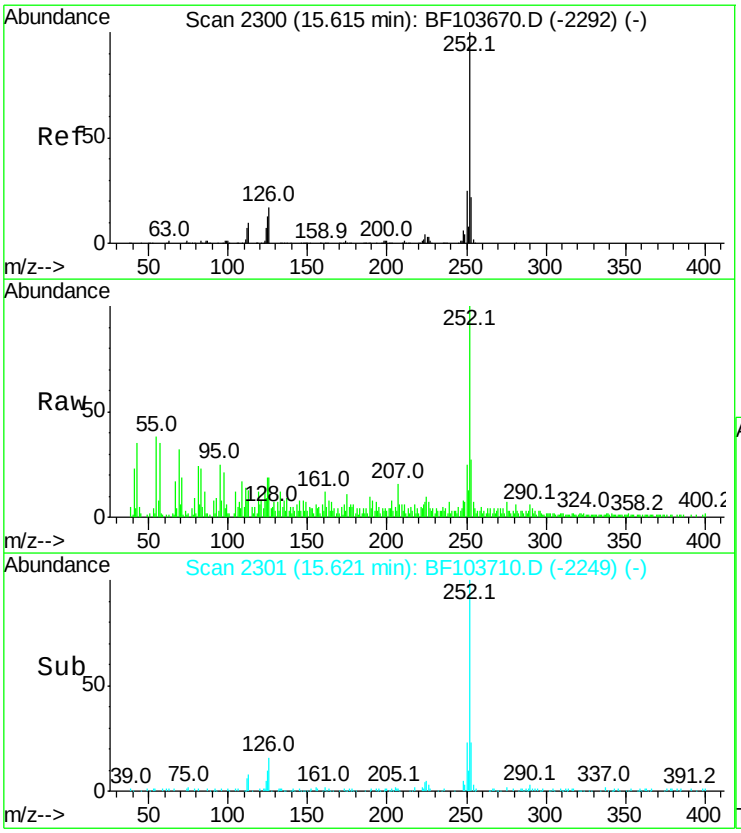
#88
Benzo(k)fluoranthene
Concen: 4.664 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.03 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 79924

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.9	26.9#
125	20.5	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 2.664 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BF103710.D
Acq: 16 Mar 2018 21:33

Tgt Ion:252 Resp: 43079

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.1	25.7#
125	19.4	9.8	14.6#