Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103985.D
Acq On : 27 Mar 2018 22:06
Operator : JU/SJ
Sample : J2071-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 28 03:58:17 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	144447	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	569258	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	248172	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	383334	20.00	ng		0.00
75) Chrysene-d12	14.16	240	258056	20.00	ng		0.00
86) Perylene-d12	15.71	264	227172	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1128151	118.79	ng		0.02
7) Phenol-d6	6.61	99	1353220	116.47	ng		0.01
23) Nitrobenzene-d5	7.54	82	825498	101.13	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	286328	134.19	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1287524	82.76	ng		0.00
78) Terphenyl-d14	13.09	244	919249	82.68	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.62	94	75330	6.101	ng		91
19) n-Nitroso-di-n-propylamine	7.54	70	107835	14.482	ng	#	71
25) Isophorone	7.54	82	825495	43.684	ng	#	64
31) Naphthalene	8.27	128	79276	2.757	ng		100
32) Benzoic acid	8.03	122	754	10.010	ng	#	35
47) 2-Nitroaniline	9.58	65	112	6.837	ng	#	2
49) Dimethylphthalate	9.72	163	180280	9.521	ng		100
50) 2,6-Dinitrotoluene	9.72	165	2177	4.529	ng	#	14
51) Acenaphthene	10.05	154	44379	2.932	ng		99
52) 3-Nitroaniline	10.22	138	708	3.963	ng	#	2
54) Dibenzofuran	10.22	168	49425	2.287	ng		96
55) 4-Nitrophenol	10.22	139	17803	9.786	ng	#	12
56) 2,4-Dinitrotoluene	10.01	165	33359	12.472	ng	#	23
57) Fluorene	10.56	166	52169	3.110	ng		100
61) 4-Nitroaniline	10.56	138	453	3.848	ng	#	19
64) 4,6-Dinitro-2-methylphenol	10.81	198	559	8.554	ng	#	1
66) 4-Bromophenyl-phenylether	10.80	248	17064	4.336	ng	#	1
70) Phenanthrene	11.53	178	423826	20.212	ng		99
71) Anthracene	11.58	178	136792	6.423	ng		98
74) Fluoranthene	12.73	202	585891	27.121	ng		96
77) Pyrene	12.96	202	548676	28.952	ng		99
80) Benzo(a)anthracene	14.15	228	370729	22.696	ng		95
82) Chrysene	14.19	228	304049	19.526	ng		97
85) Indeno(1,2,3-cd)pyrene	17.29	276	233104	17.142	ng	#	92
87) Benzo(b)fluoranthene	15.25	252	637792	44.439	ng	#	95
88) Benzo(k)fluoranthene	15.25	252	637792	46.229	ng		98
89) Benzo(a)pyrene	15.64	252	378800	29.099	ng		97
90) Dibenzo(a,h)anthracene	17.48	278	57168	5.072	ng		95
91) Benzo(g,h,i)perylene	17.78	276	211488	19.286	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103985.D
Acq On : 27 Mar 2018 22:06
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Sample : J2071-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 28 03:58:17 2018
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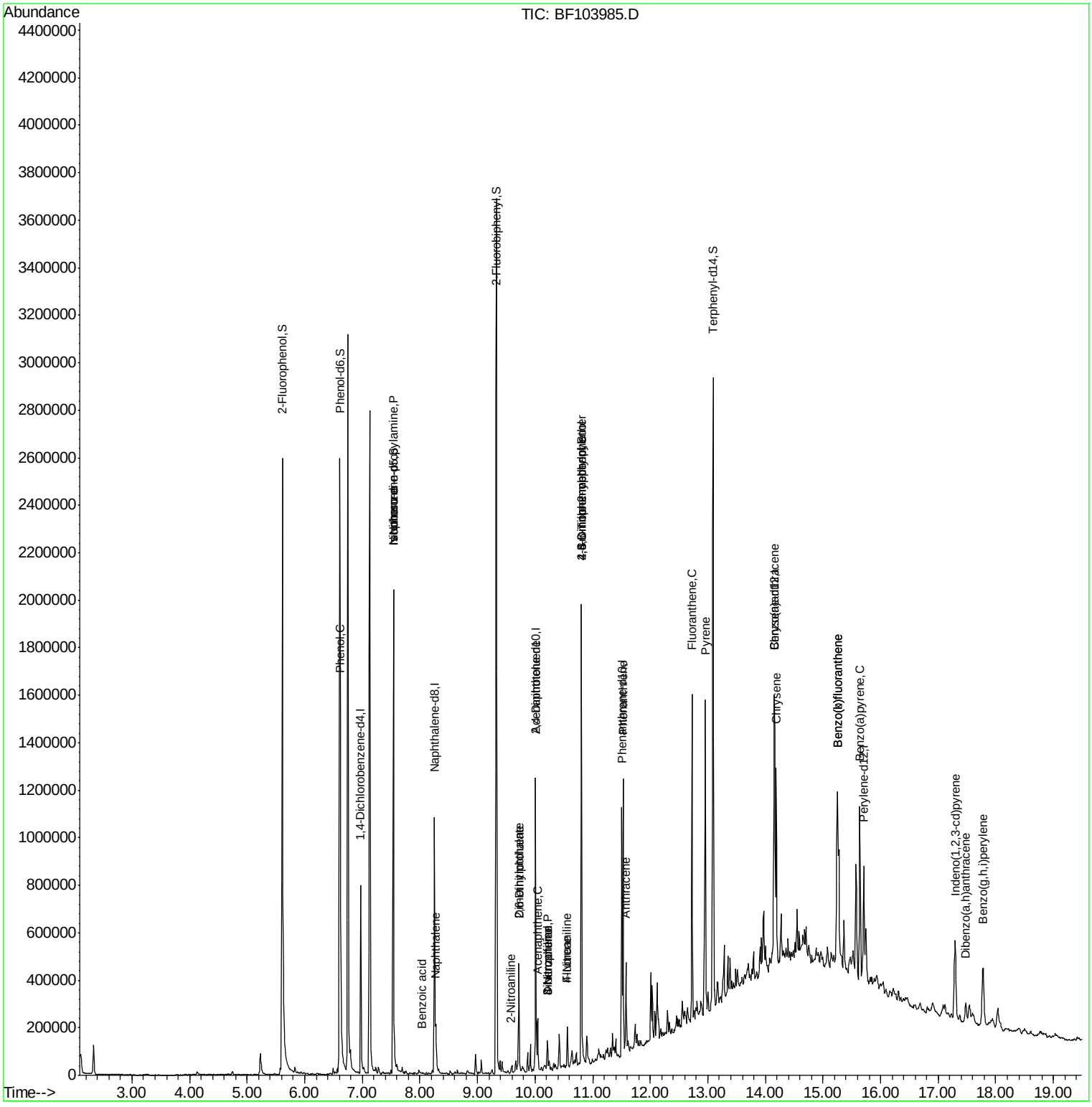
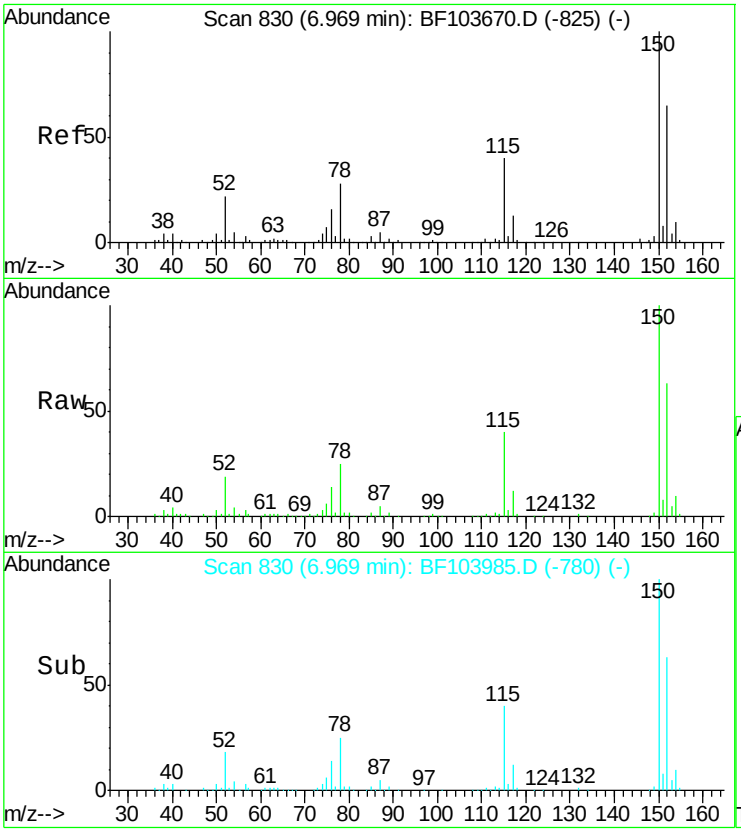


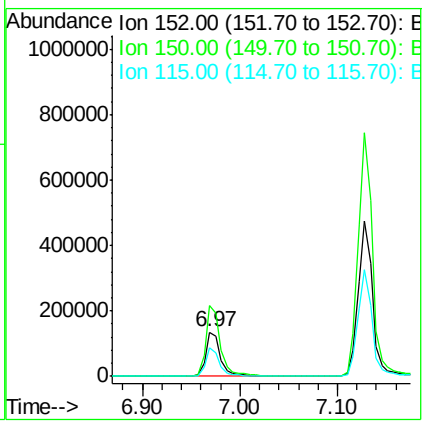


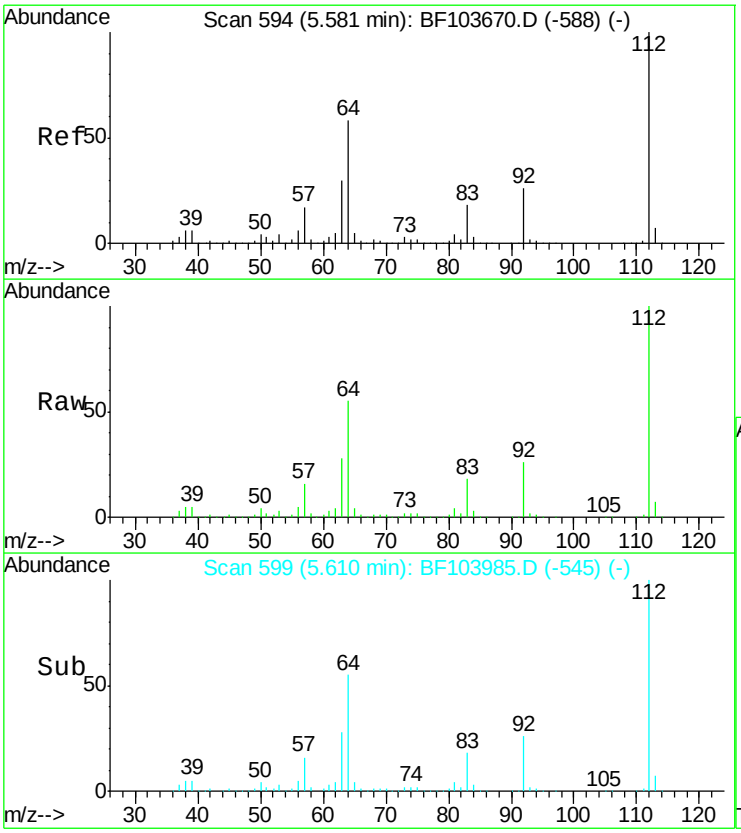
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 144447

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	62.9	50.1	75.1

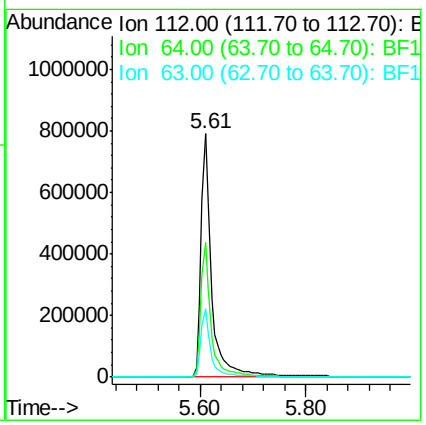


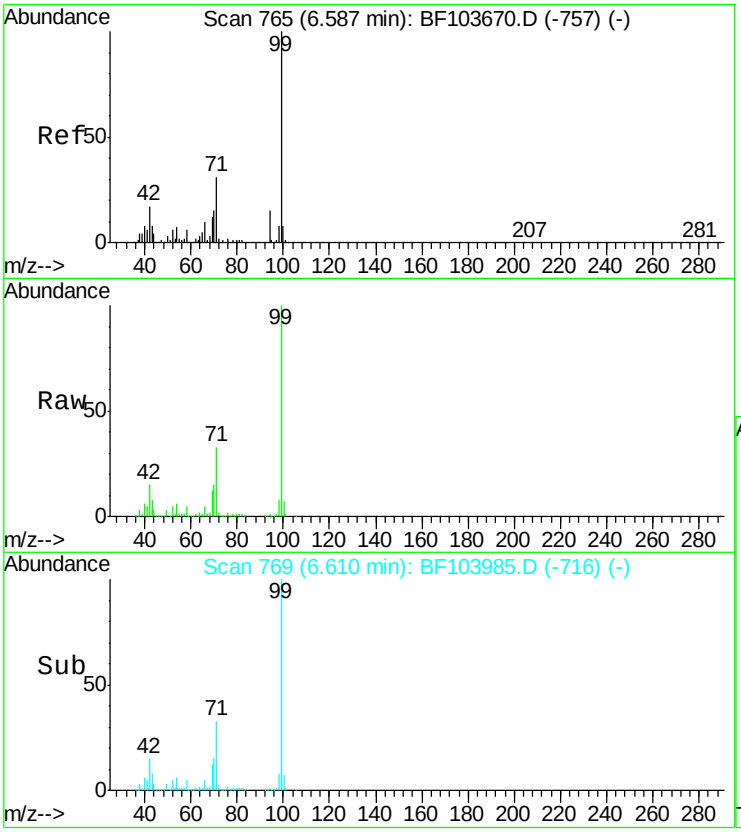


#5
2-Fluorophenol
Concen: 118.792 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion:112 Resp: 1128151

Ion	Ratio	Lower	Upper
112	100		
64	55.2	47.9	71.9
63	27.9	23.7	35.5



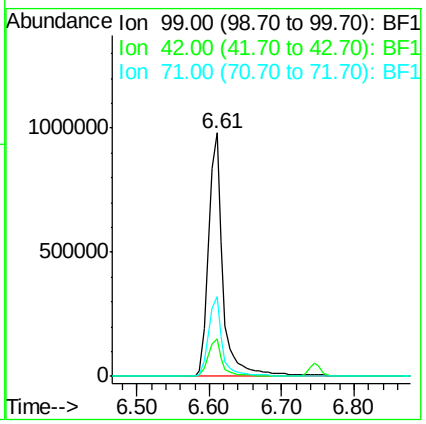


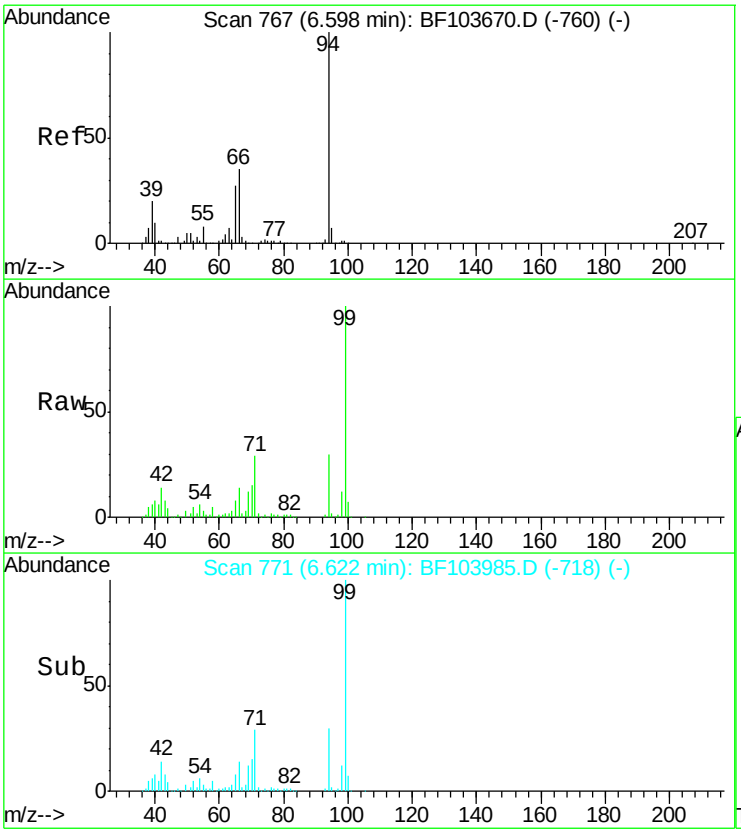
#7
Phenol-d6
Concen: 116.468 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1353220

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	32.7	25.4	38.0

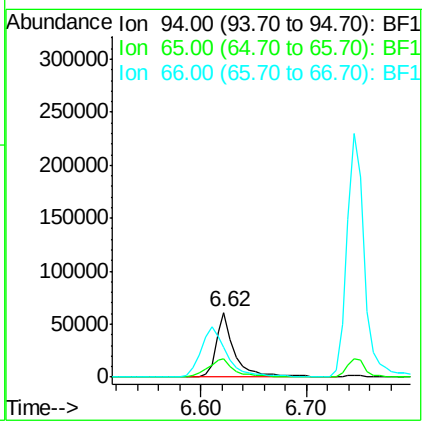


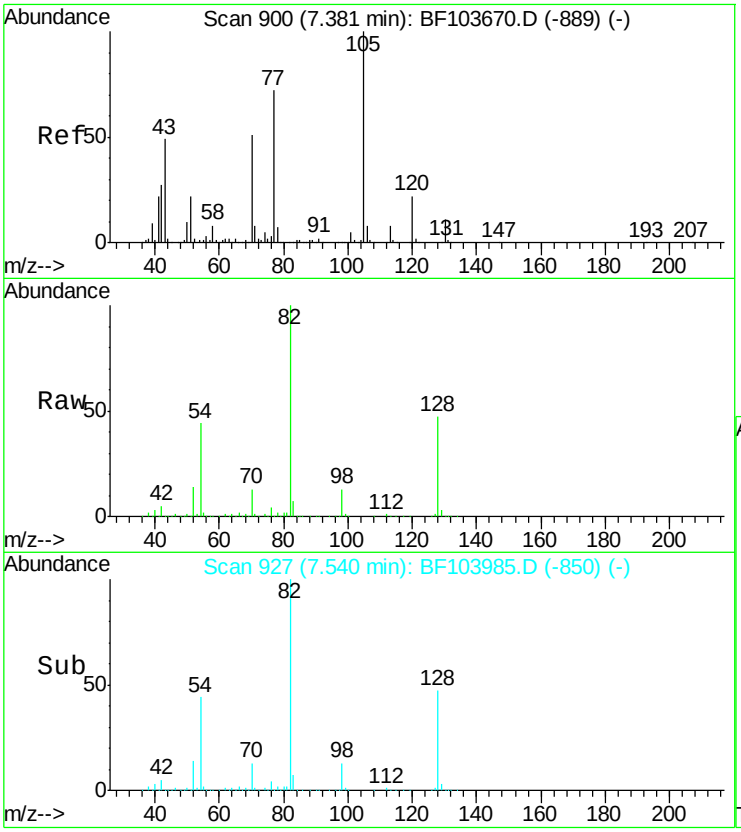


#10
Phenol
Concen: 6.101 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion: 94 Resp: 75330

Ion	Ratio	Lower	Upper
94	100		
65	28.0	7.9	47.9
66	45.8	16.2	56.2



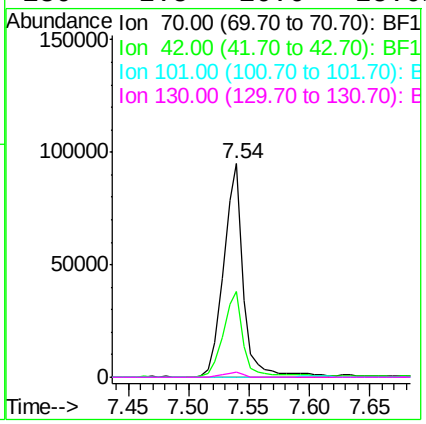


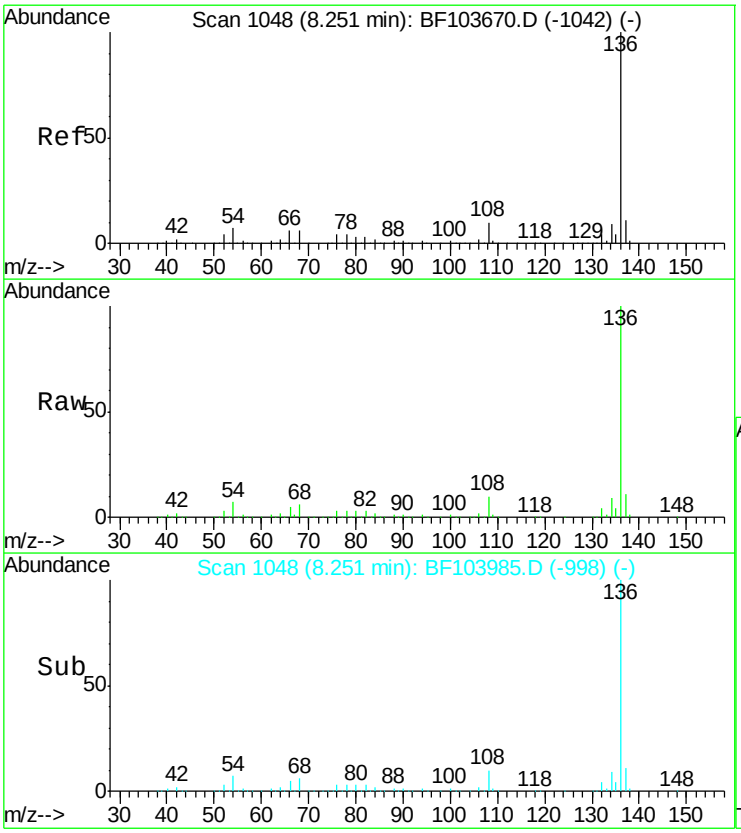
#19
n-Nitroso-di-n-propylamine
Concen: 14.482 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 107835

Ion	Ratio	Lower	Upper
70	100		
42	40.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

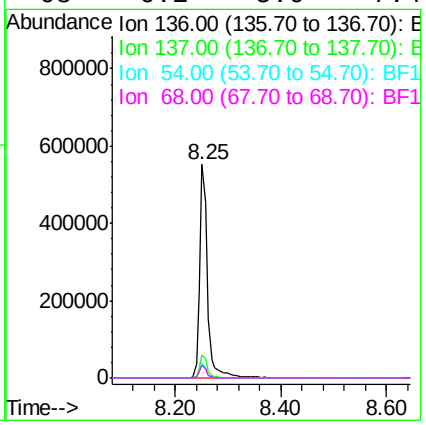


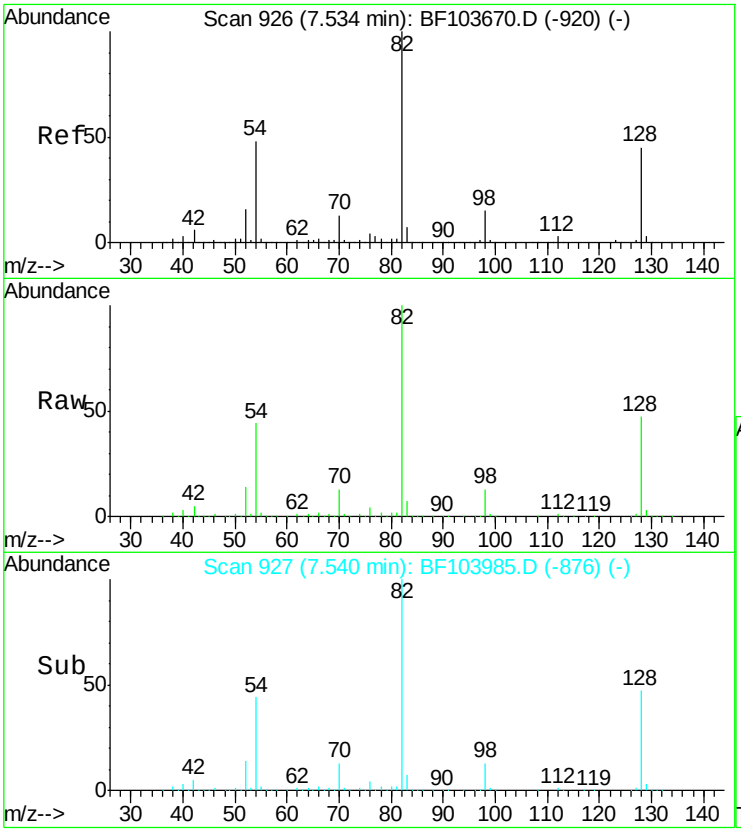


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion:136 Resp: 569258

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	6.6	9.8
68	6.2	5.0	7.4



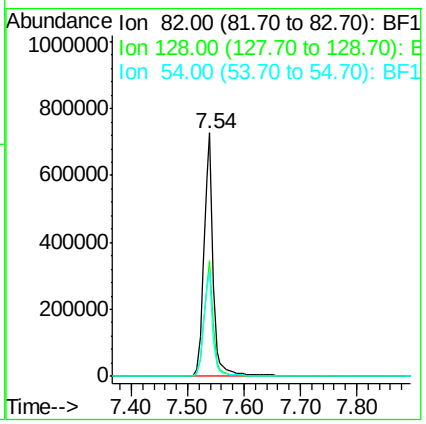


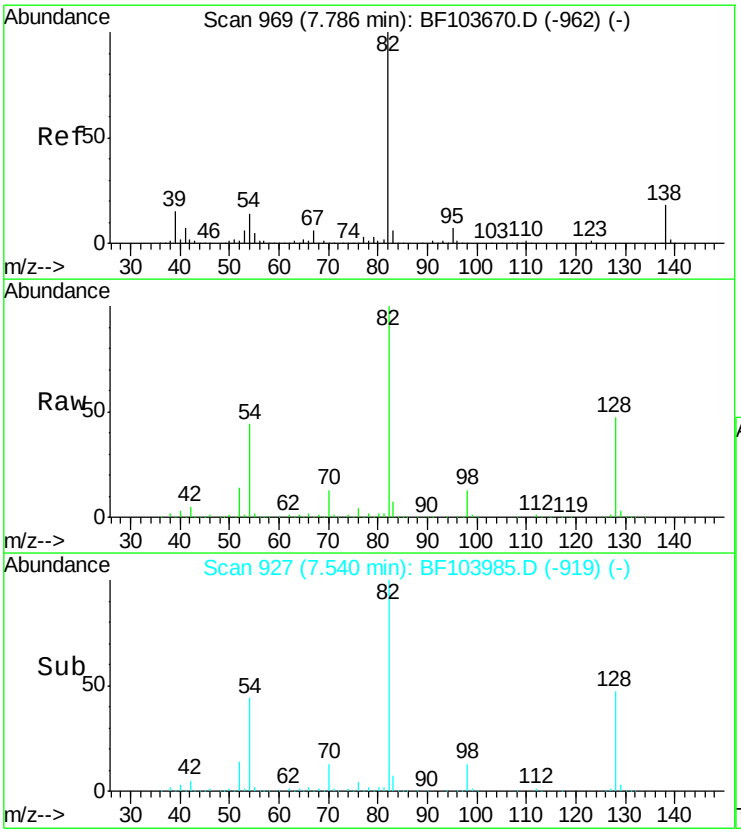
#23
Nitrobenzene-d5
Concen: 101.126 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 825498

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.1	54.1
54	43.5	41.4	62.2

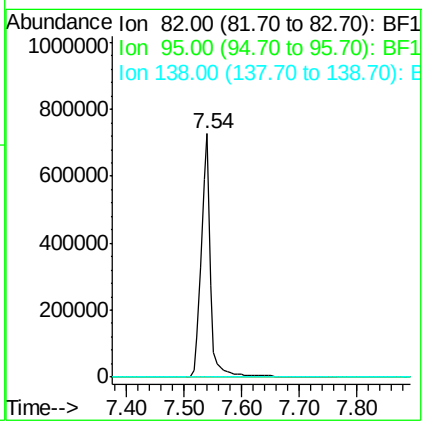


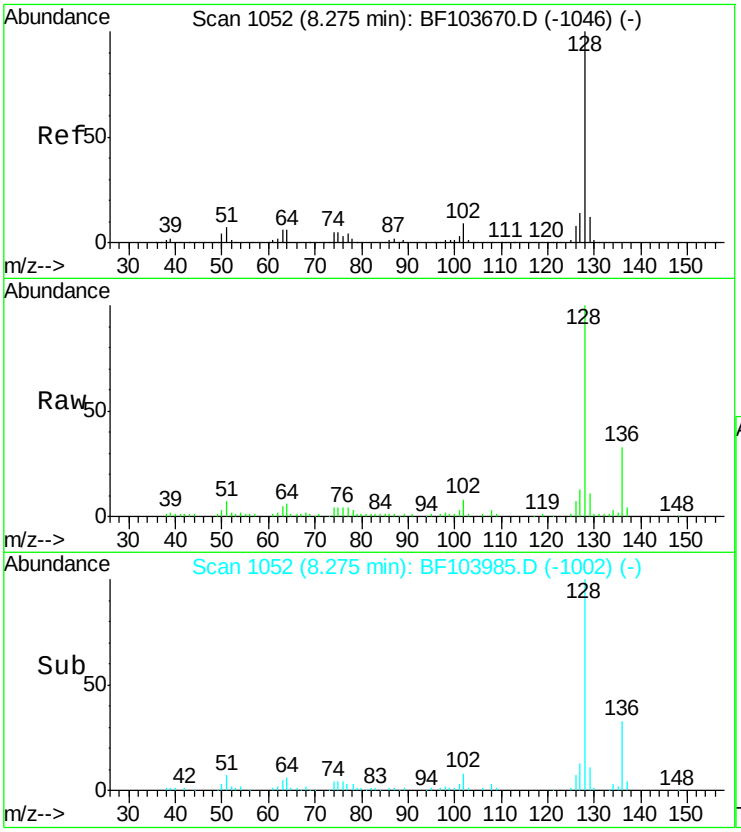


#25
Isophorone
Concen: 43.684 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.25 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion: 82 Resp: 825495

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



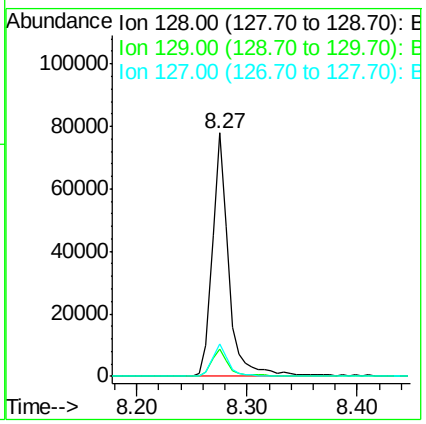


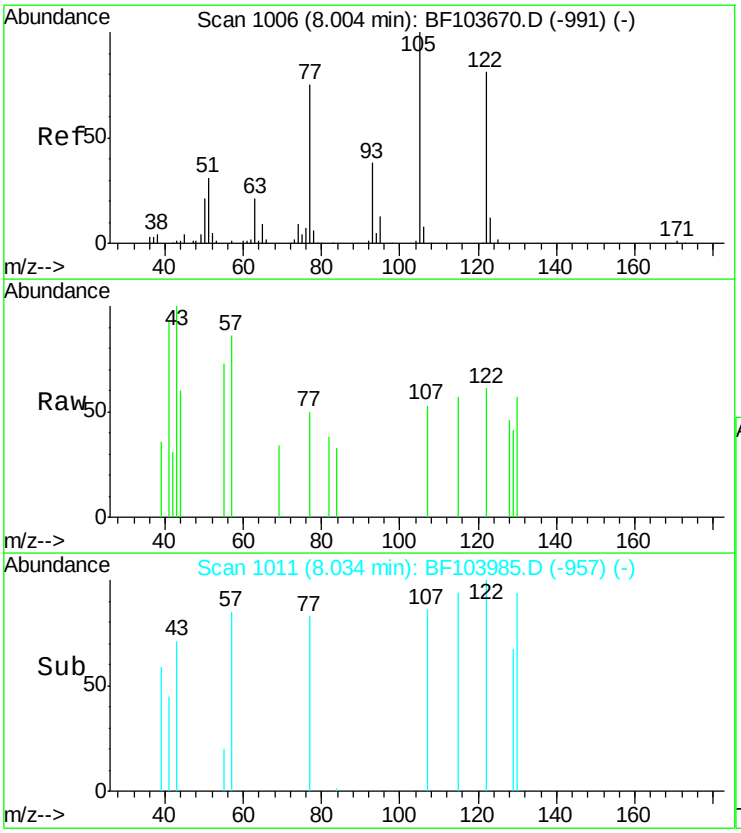
#31
Naphthalene
Concen: 2.757 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 79276

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.4	10.9	16.3

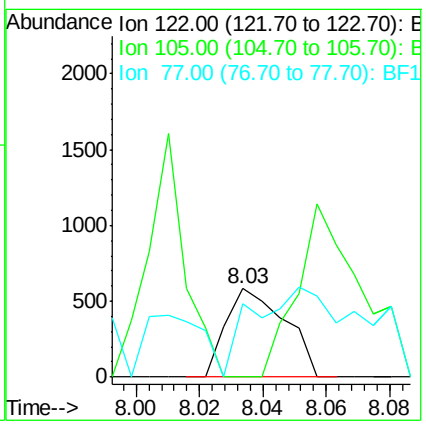


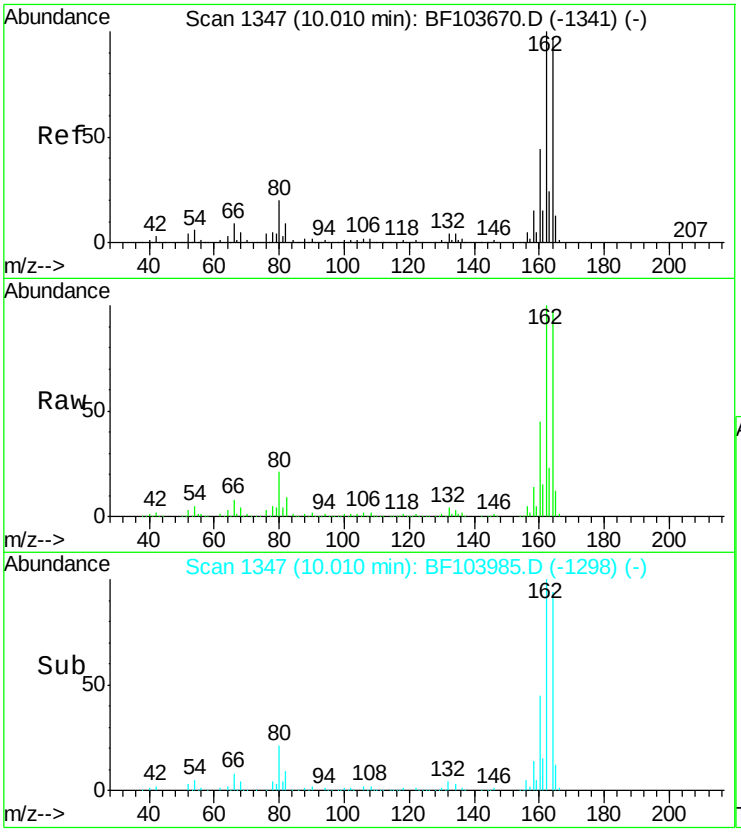


#32
Benzoic acid
Concen: 10.010 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.02 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion:122 Resp: 754

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	83.1	70.7	110.7



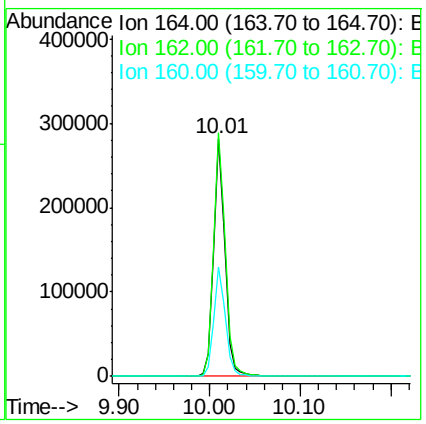


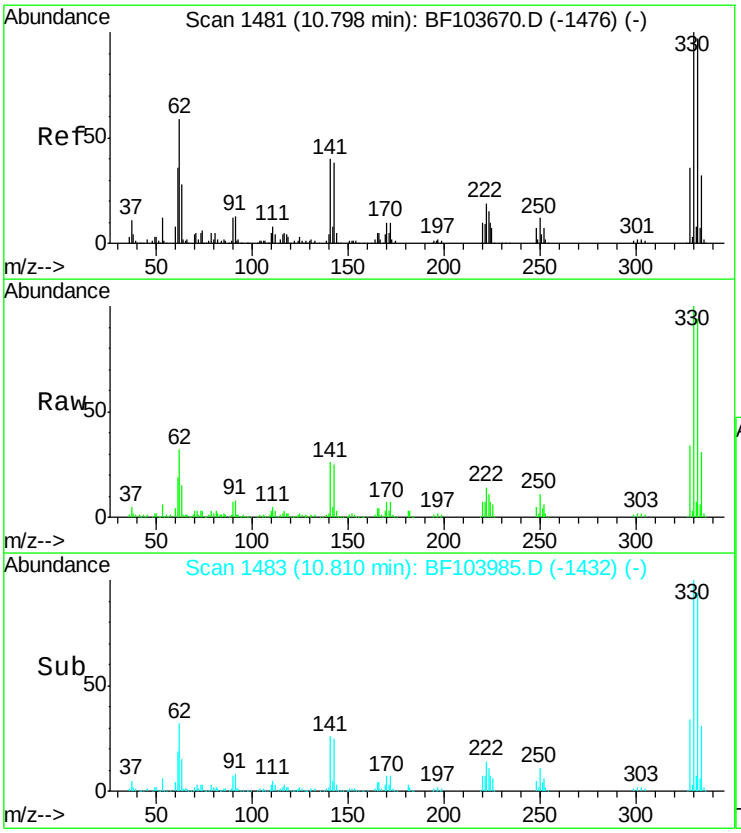
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 248172

Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	45.9	38.3	57.5

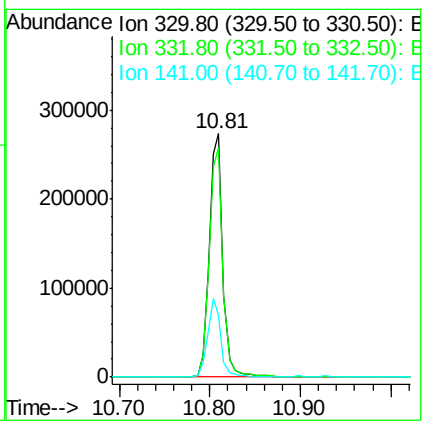


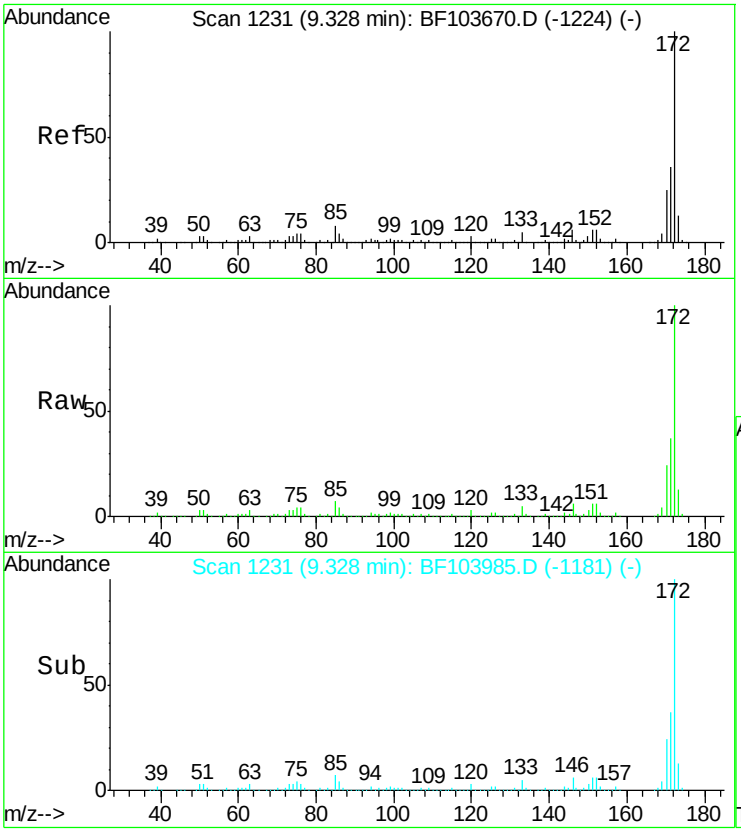


#41
2,4,6-Tribromophenol
Concen: 134.187 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion:330 Resp: 286328

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	31.3	29.9	44.9



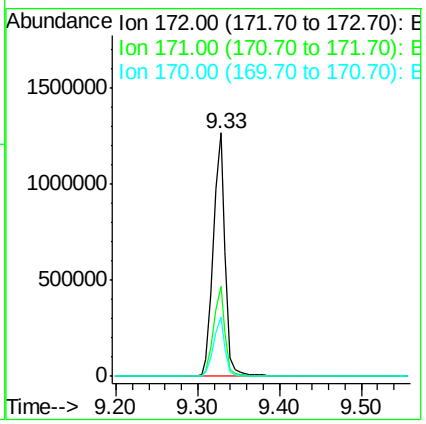


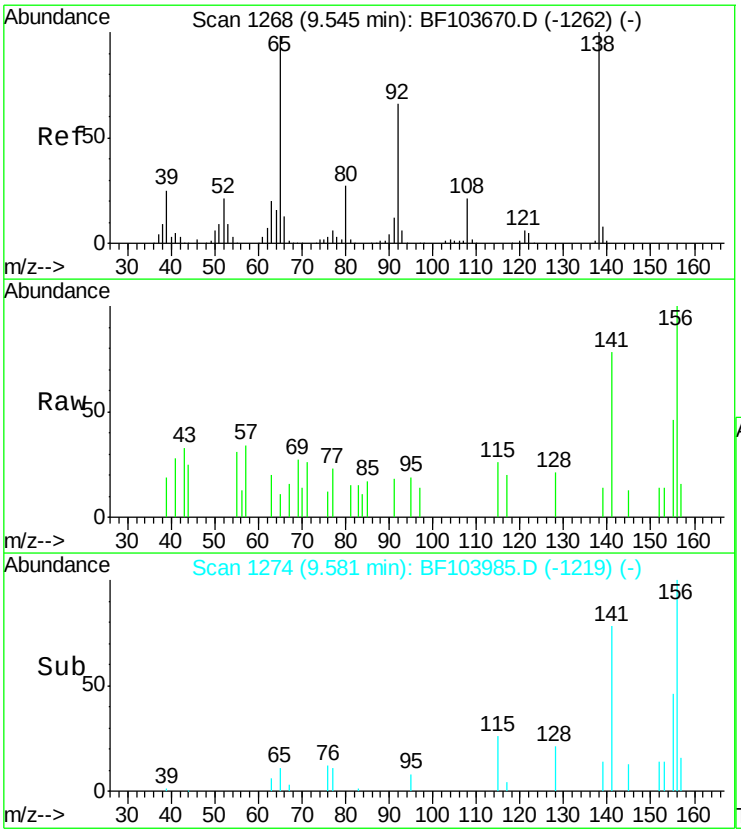
#44
2-Fluorobiphenyl
Concen: 82.757 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1287524

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.1	19.6	29.4

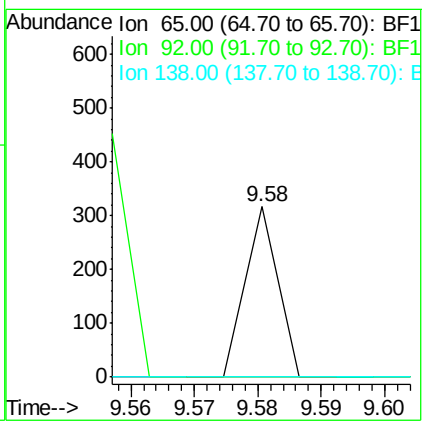


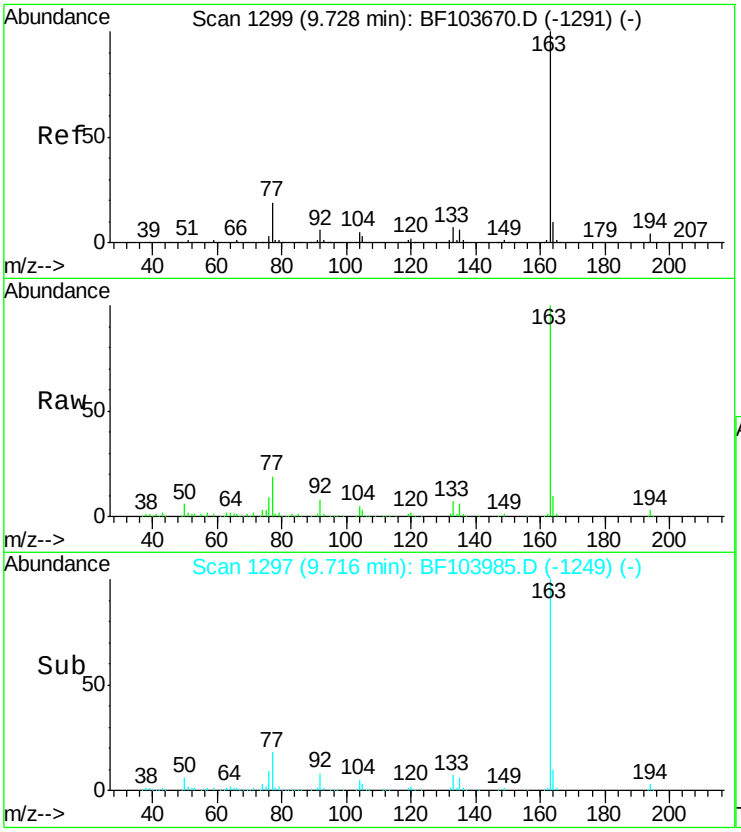


#47
2-Nitroaniline
Concen: 6.837 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.02 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion: 65 Resp: 112

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



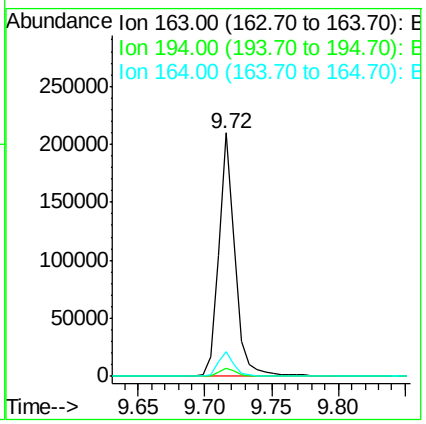


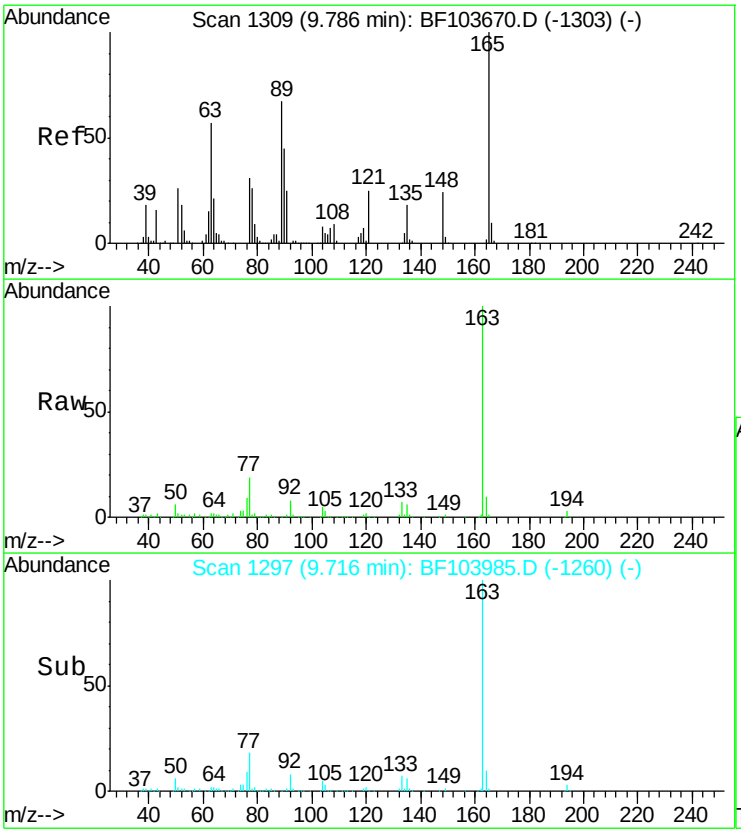
#49
Dimethylphthalate
Concen: 9.521 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 180280

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.1	8.2	12.2

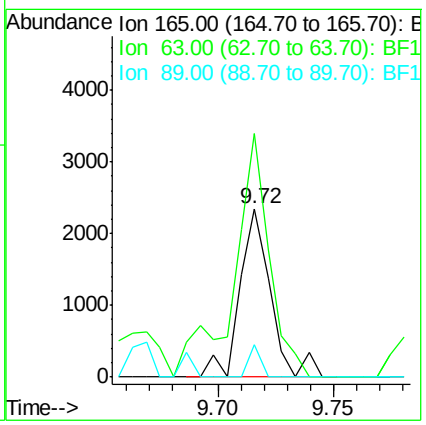


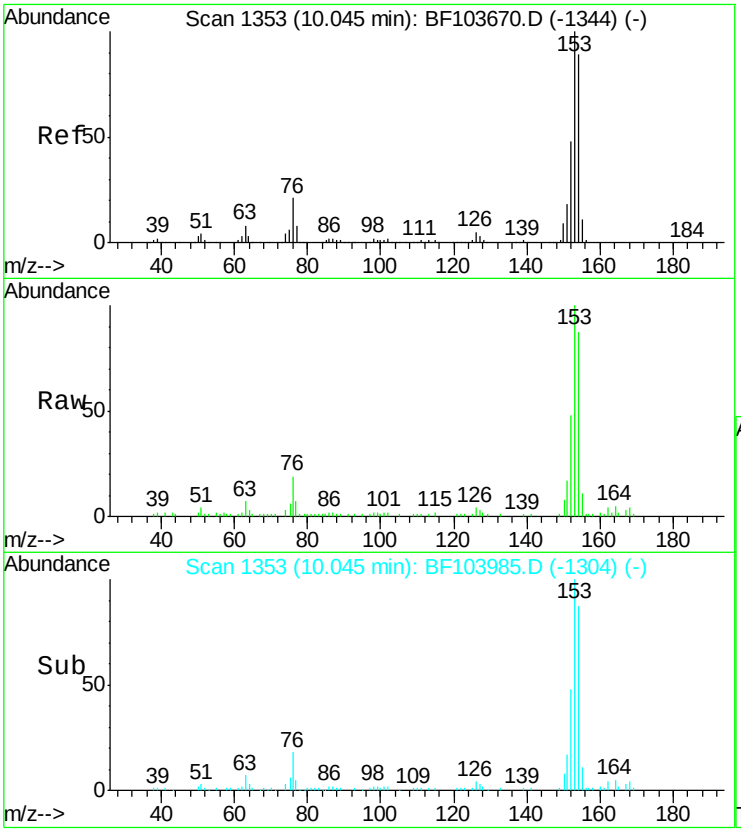


#50
2,6-Dinitrotoluene
Concen: 4.529 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.08 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion:165 Resp: 2177

Ion	Ratio	Lower	Upper
165	100		
63	144.7	44.7	67.1#
89	19.4	44.0	66.0#



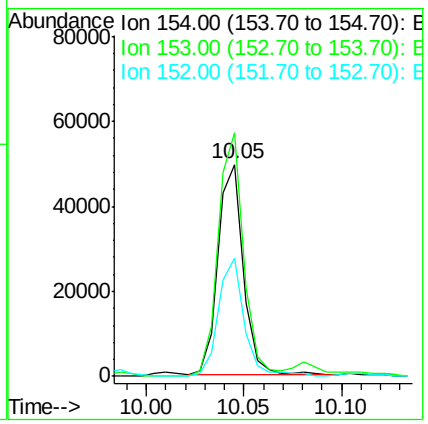


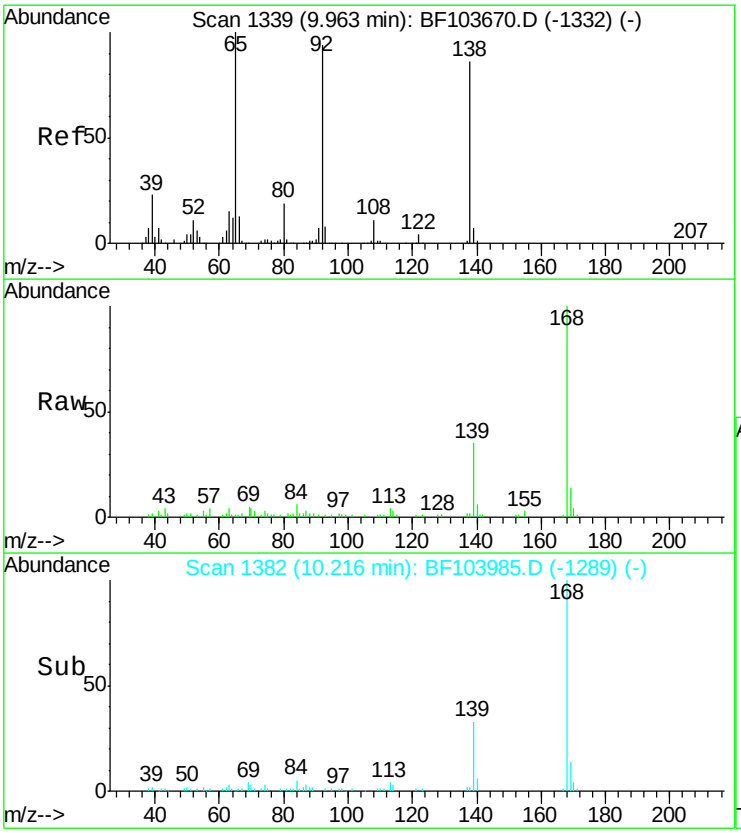
#51
Acenaphthene
Concen: 2.932 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 44379

Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.2	136.8
152	55.7	43.8	65.8

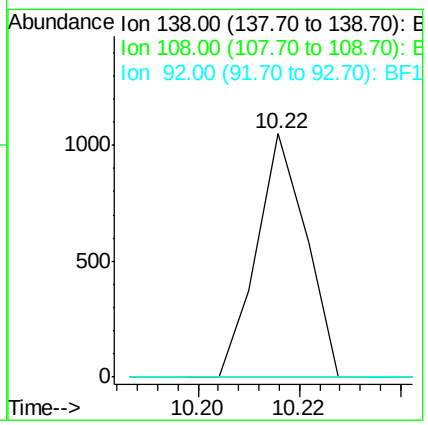


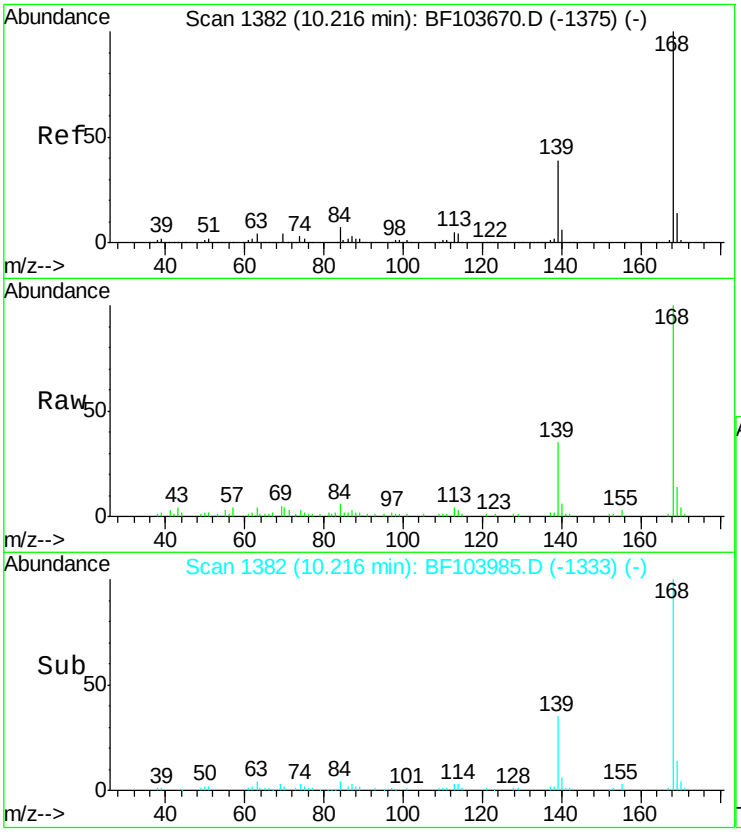


#52
3-Nitroaniline
Concen: 3.963 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.25 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion:138 Resp: 708

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.4	14.0#
92	0.0	89.4	134.2#



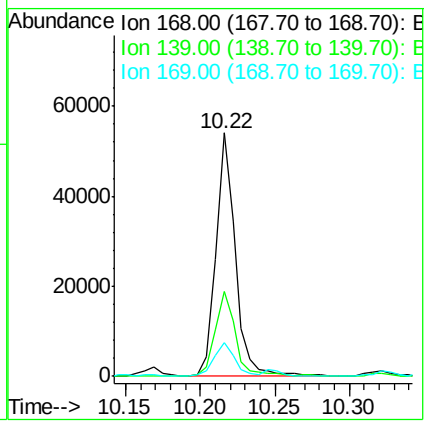


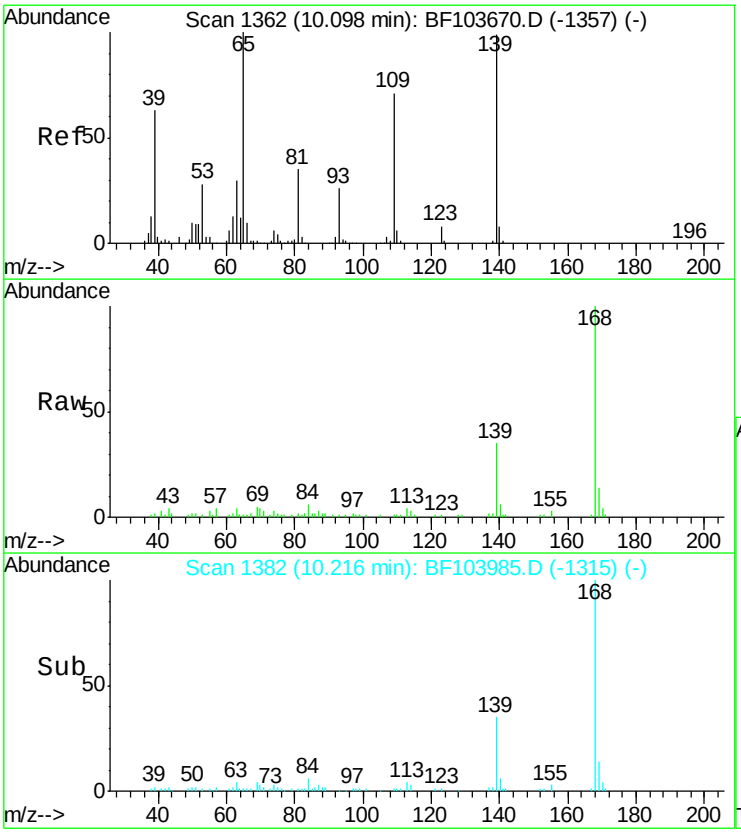
#54
Dibenzofuran
Concen: 2.287 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 49425

Ion	Ratio	Lower	Upper
168	100		
139	34.7	30.1	45.1
169	13.8	10.9	16.3

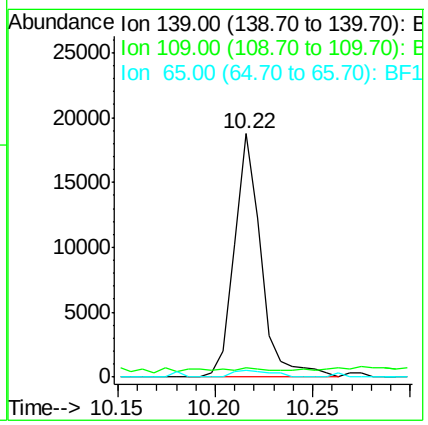


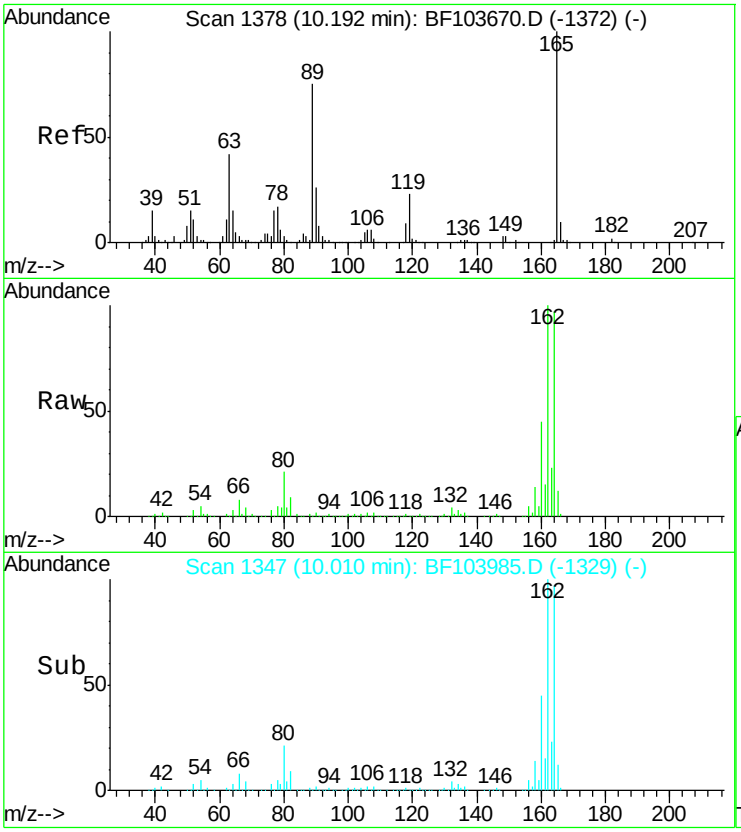


#55
4-Nitrophenol
Concen: 9.786 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.09 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion:139 Resp: 17803

Ion	Ratio	Lower	Upper
139	100		
109	3.8	48.4	88.4#
65	3.0	72.6	112.6#



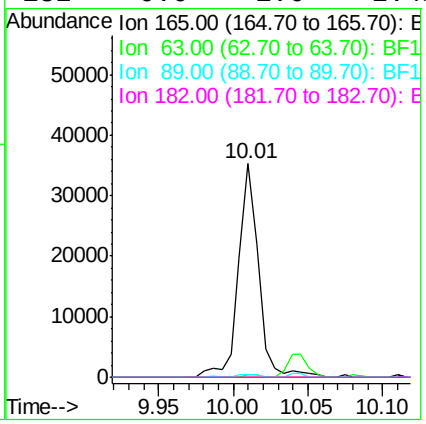


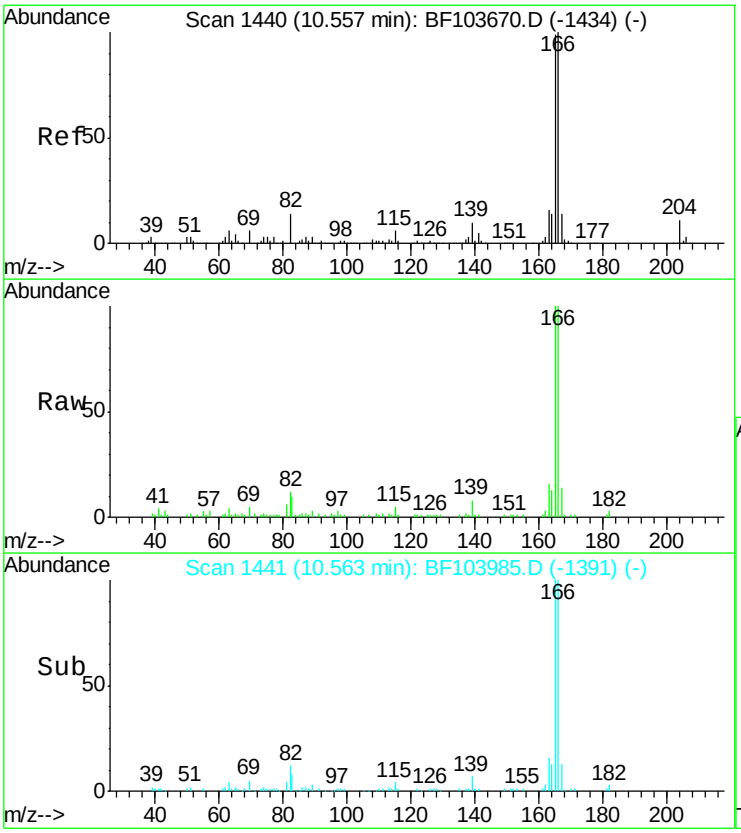
#56
2,4-Dinitrotoluene
Concen: 12.472 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33359

Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

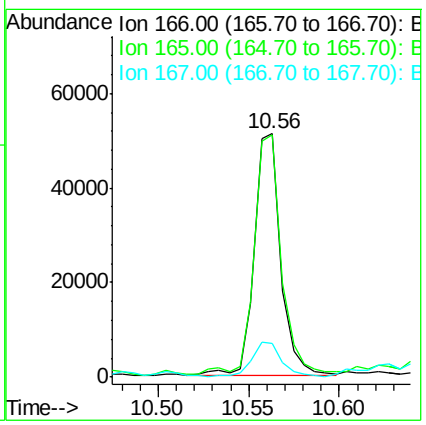


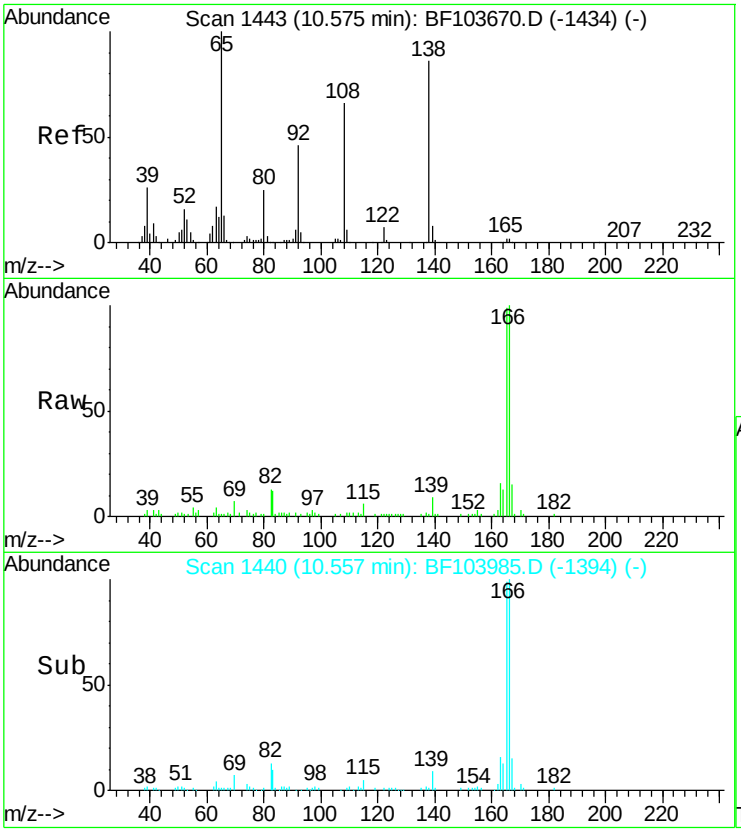


#57
Fluorene
Concen: 3.110 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion:166 Resp: 52169

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.8	119.8
167	14.1	10.6	16.0



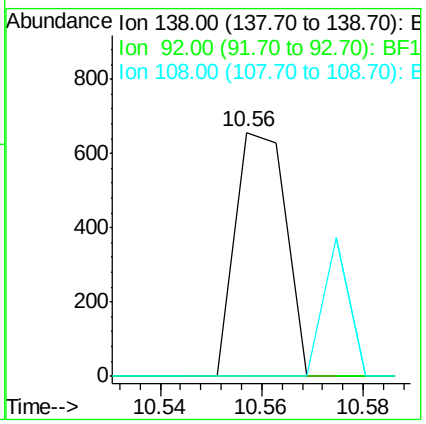


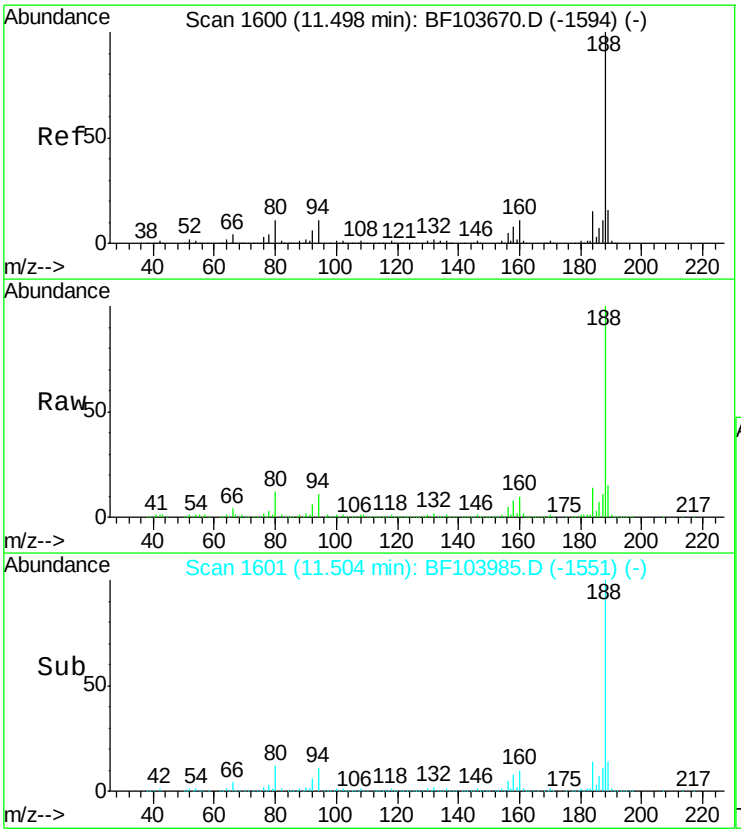
#61
4-Nitroaniline
Concen: 3.848 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 453

Ion	Ratio	Lower	Upper
138	100		
92	0.0	30.2	70.2#
108	0.0	52.5	92.5#

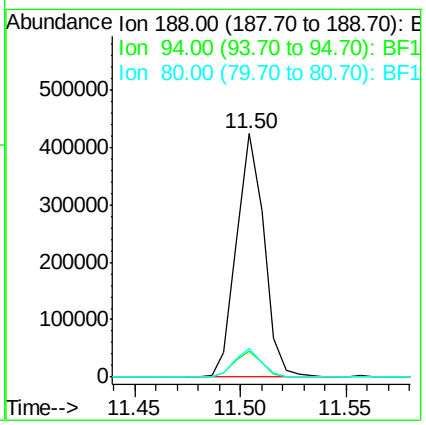


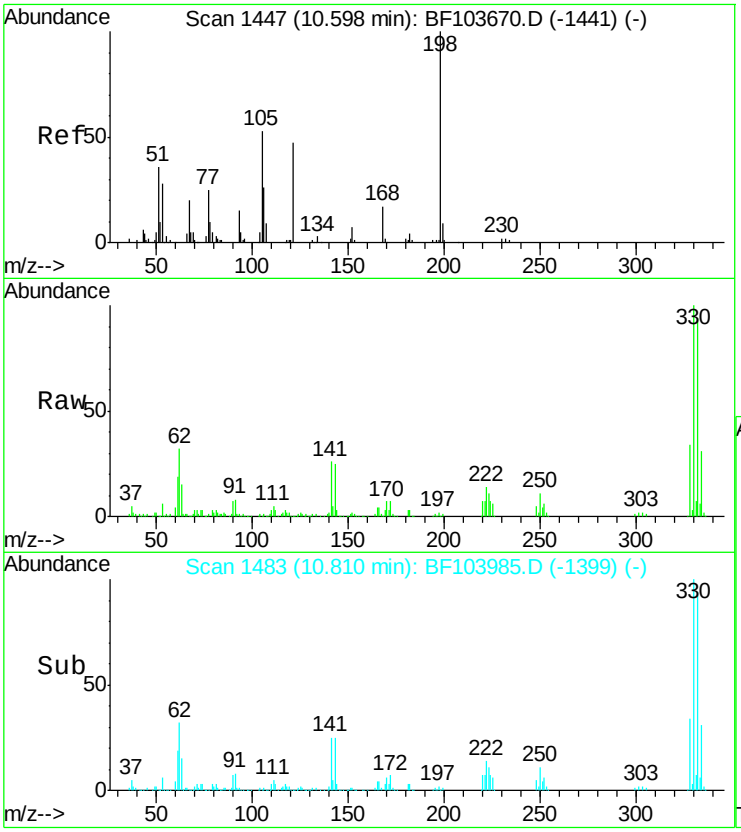


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion:188 Resp: 383334

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.7	9.2	13.8



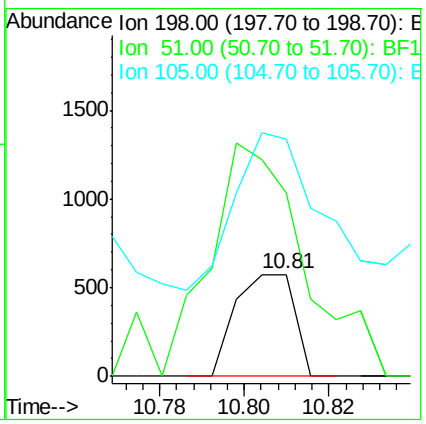


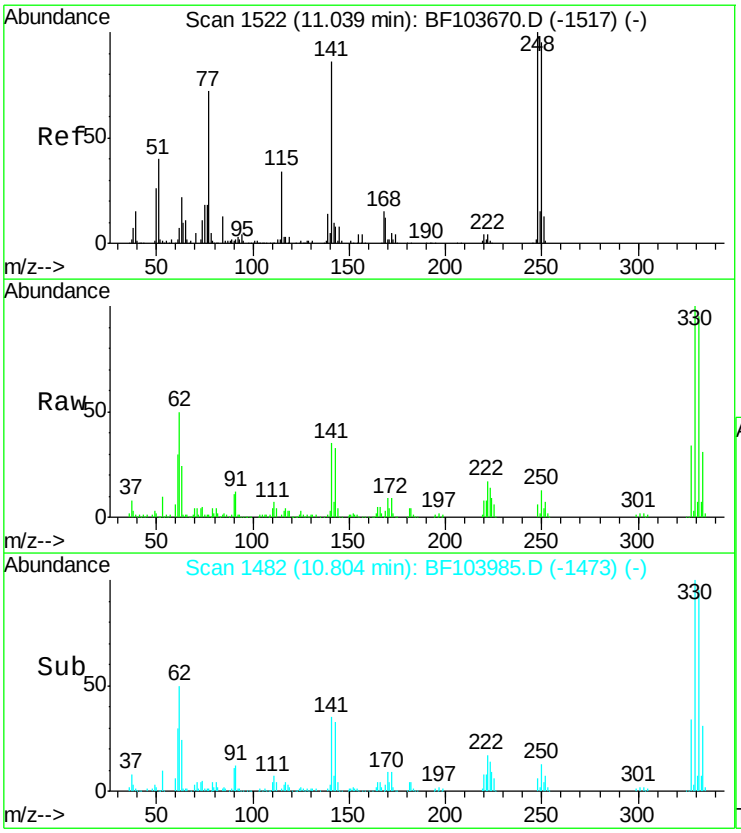
#64
4,6-Dinitro-2-methylphenol
Concen: 8.554 ng
RT: 10.81 min Scan# 1483
Delta R.T. 0.19 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 559

Ion	Ratio	Lower	Upper
198	100		
51	179.2	37.7	77.7#
105	232.6	36.3	76.3#

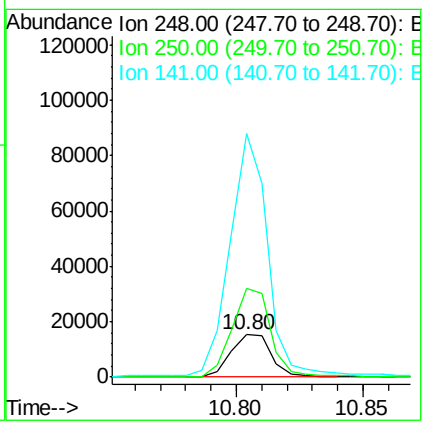


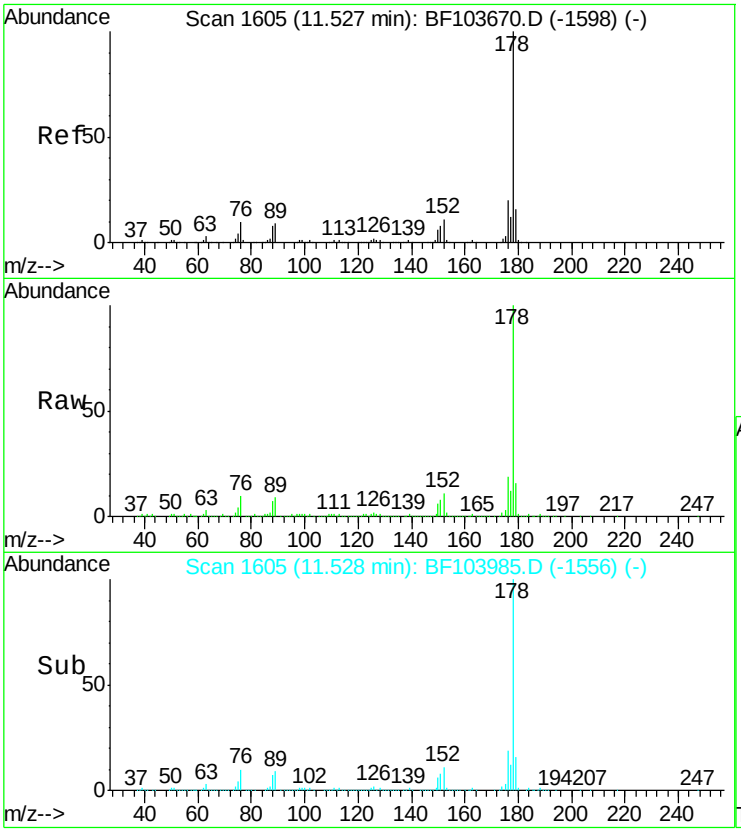


#66
4-Bromophenyl-phenylether
Concen: 4.336 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion:248 Resp: 17064

Ion	Ratio	Lower	Upper
248	100		
250	209.1	76.9	115.3#
141	571.4	74.4	111.6#



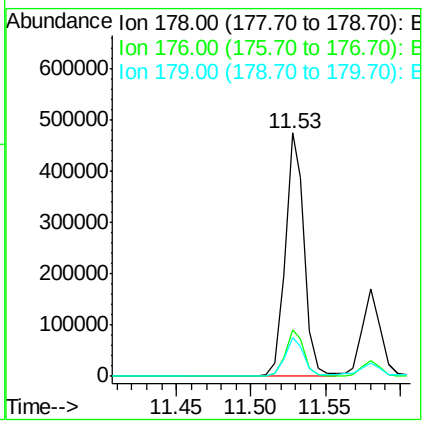


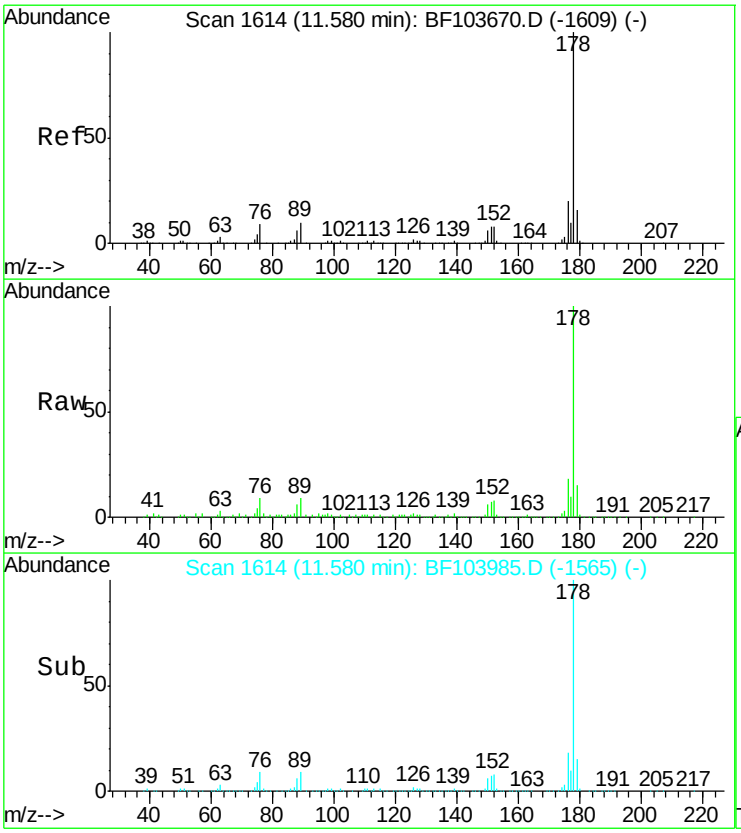
#70
Phenanthrene
Concen: 20.212 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 423826

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	16.0	13.0	19.6

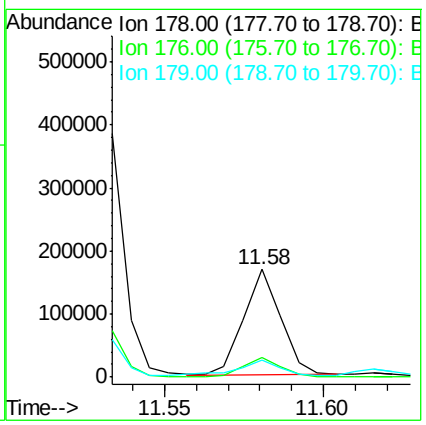


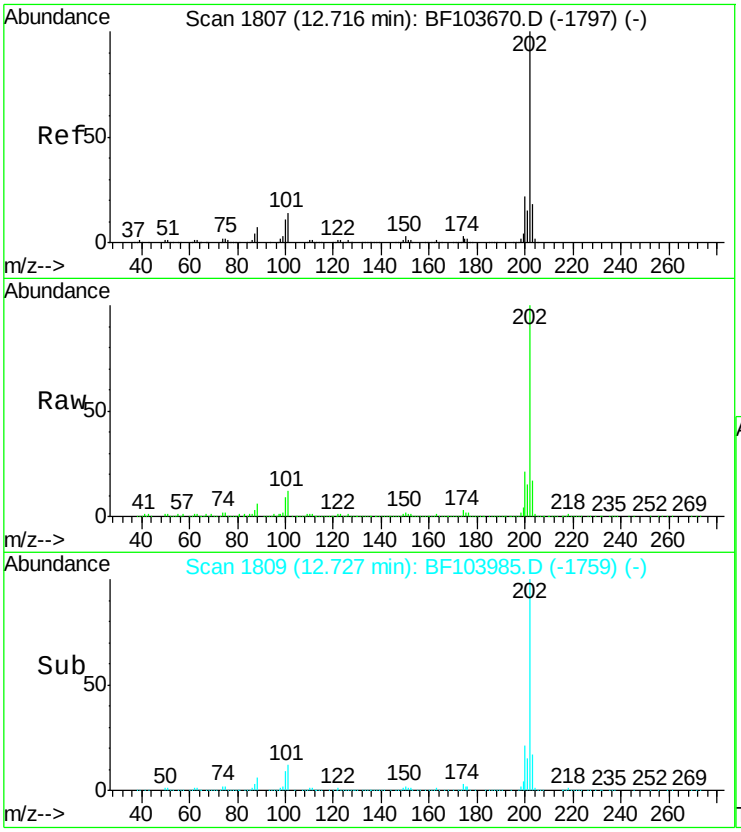


#71
Anthracene
Concen: 6.423 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion:178 Resp: 136792

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	15.4	12.6	19.0



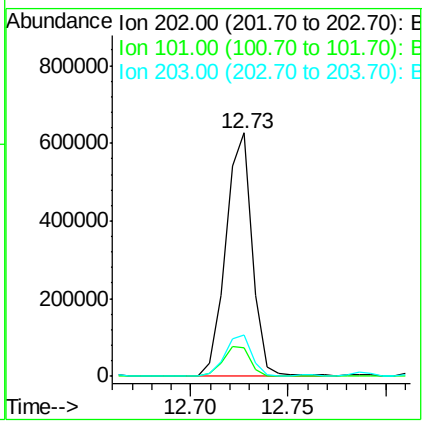


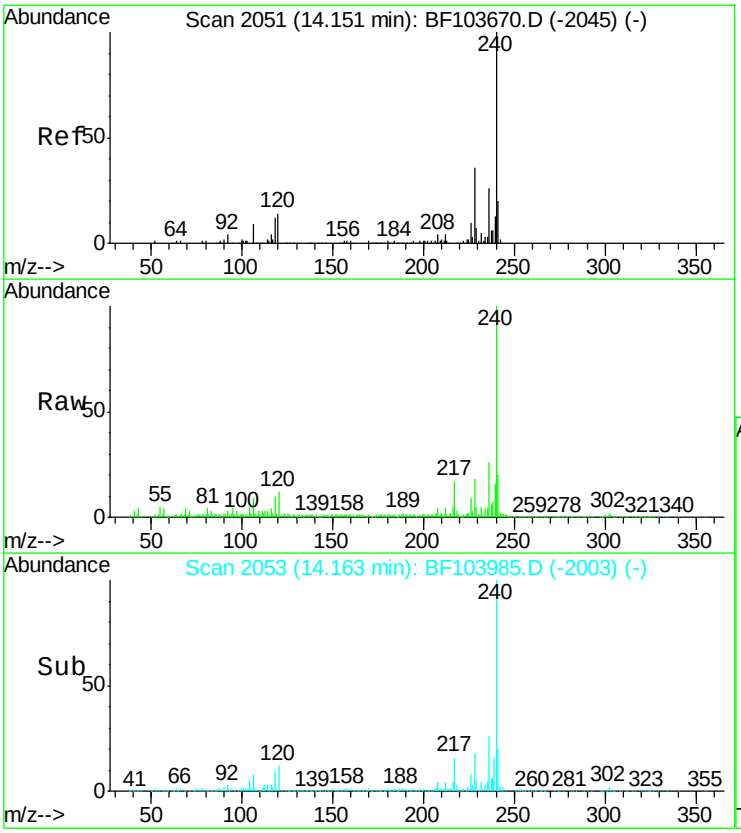
#74
Fluoranthene
Concen: 27.121 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 585891

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.1
203	17.2	0.0	38.1

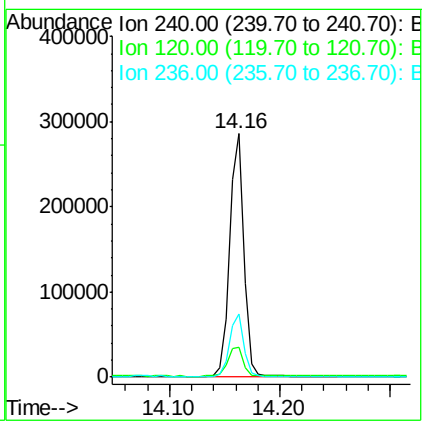


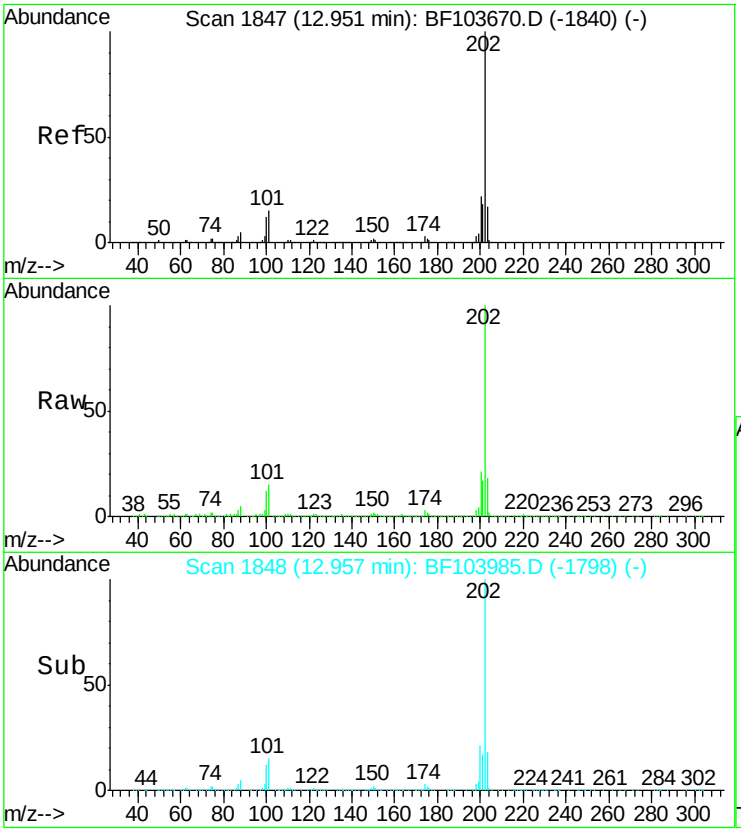


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion:240 Resp: 258056

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.8	20.7	31.1



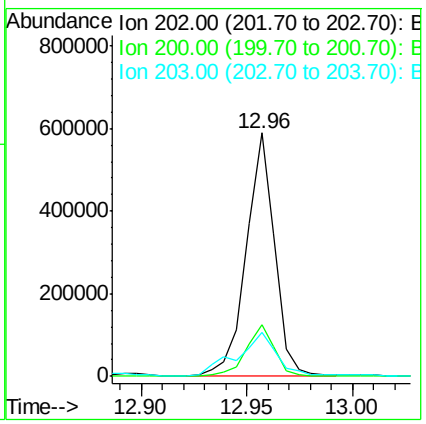


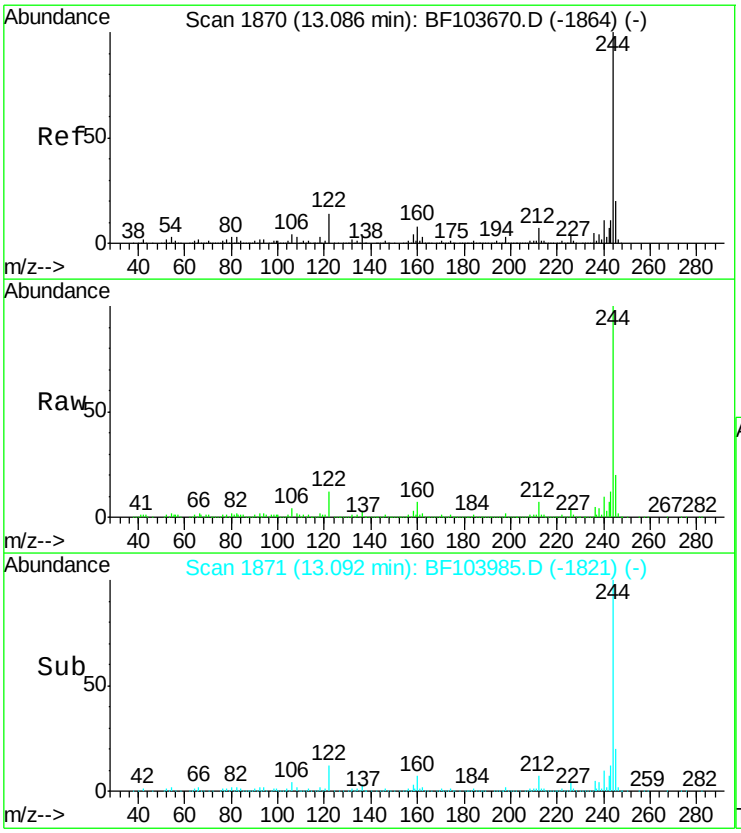
#77
Pyrene
Concen: 28.952 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 548676

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	18.1	14.3	21.5

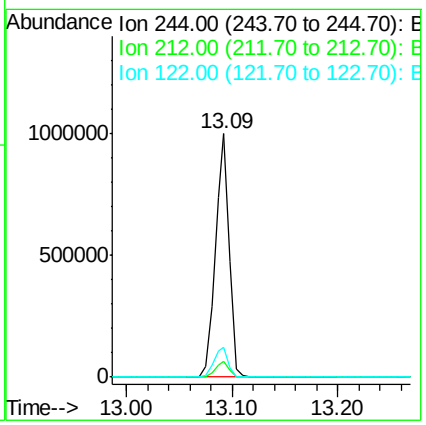


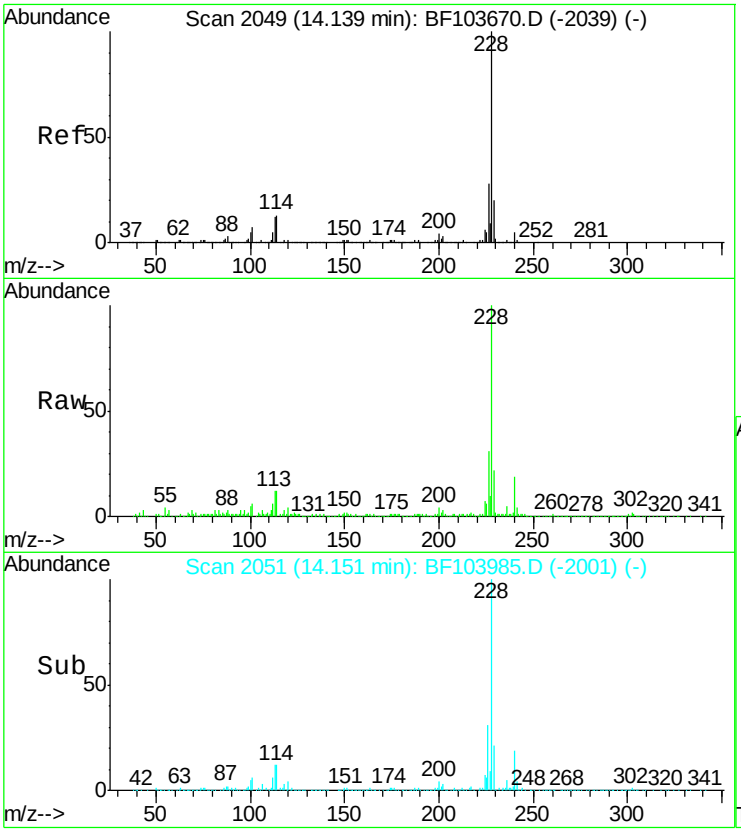


#78
Terphenyl-d14
Concen: 82.684 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion:244 Resp: 919249

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.4	11.0	16.4



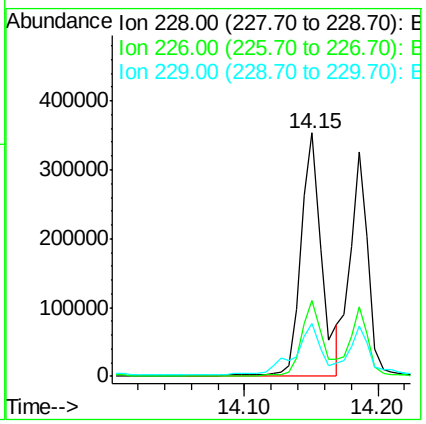


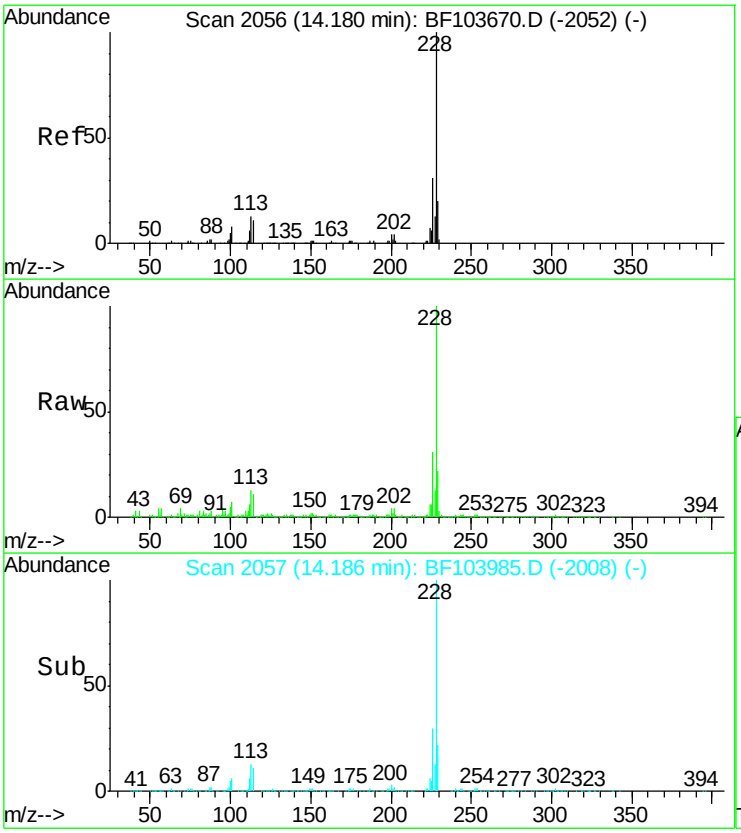
#80
Benzo(a)anthracene
Concen: 22.696 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 370729

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	21.8	15.8	23.6

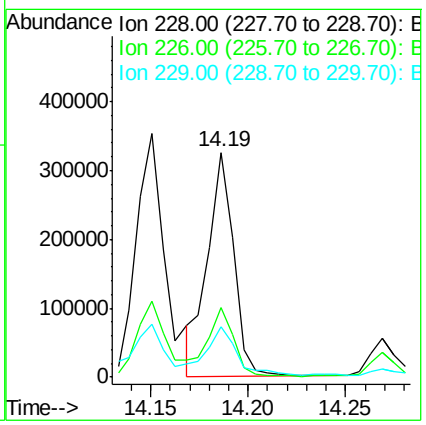


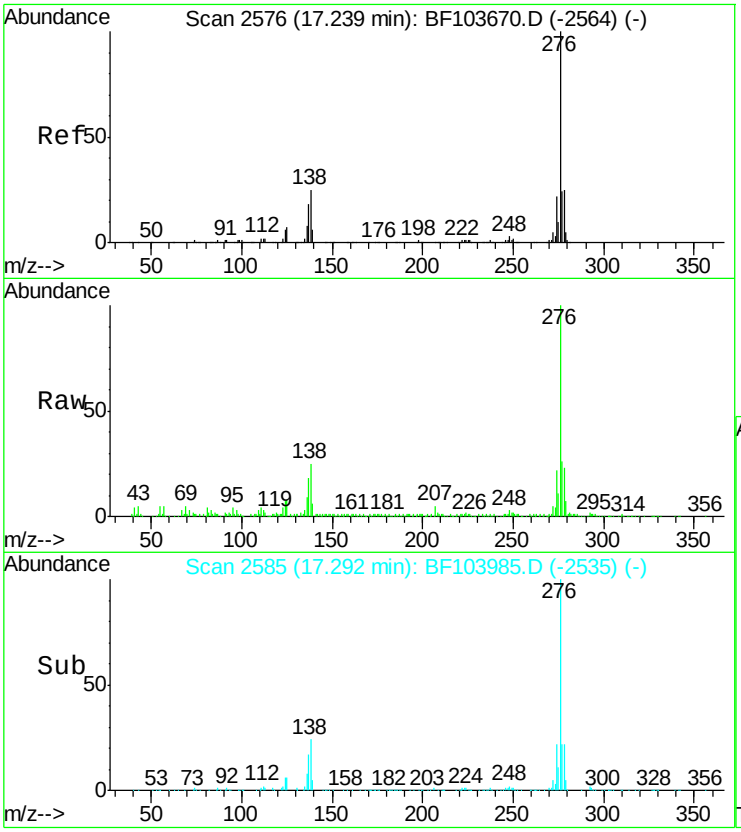


#82
Chrysene
Concen: 19.526 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion:228 Resp: 304049

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.5	16.2	24.4



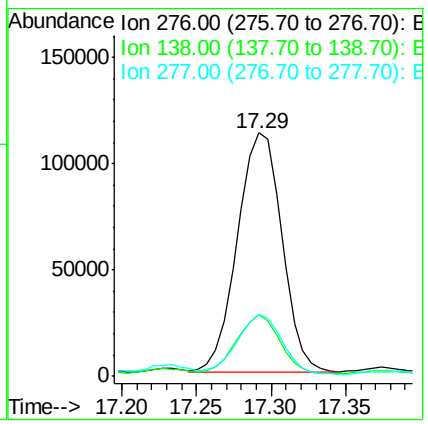


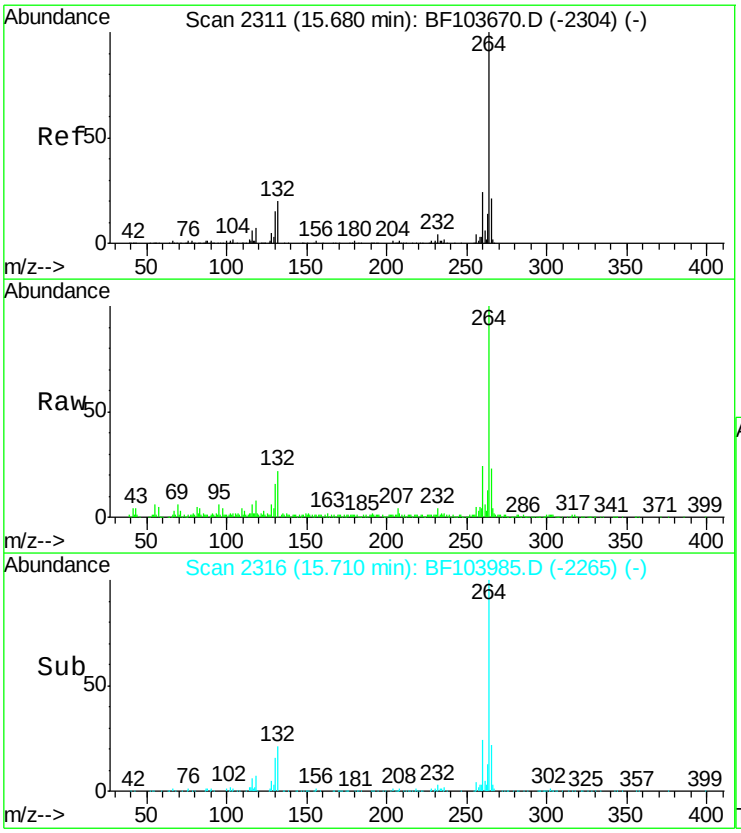
#85
Indeno(1,2,3-cd)pyrene
Concen: 17.142 ng
RT: 17.29 min Scan# 2585
Delta R.T. -0.01 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 233104

Ion	Ratio	Lower	Upper
276	100		
138	23.6	25.0	37.6#
277	25.2	20.1	30.1

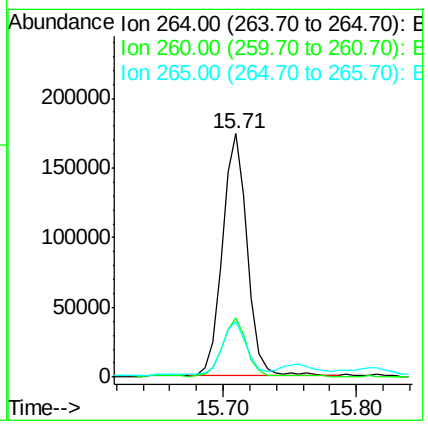


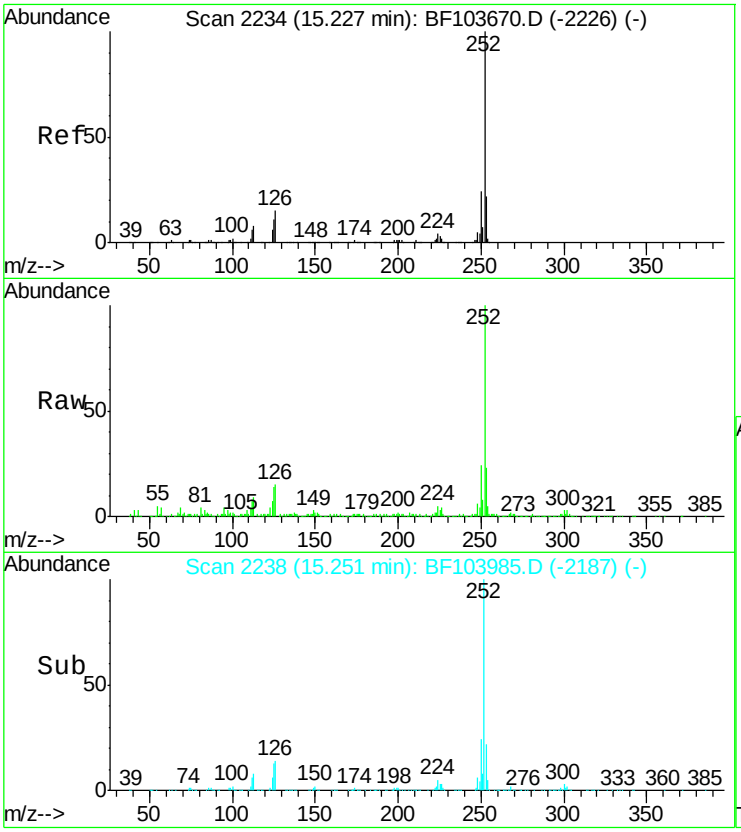


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion:264 Resp: 227172

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.7	17.5	26.3



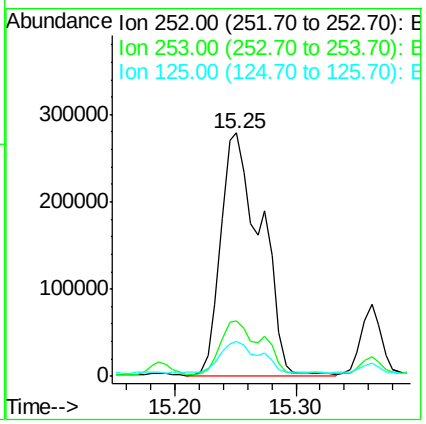


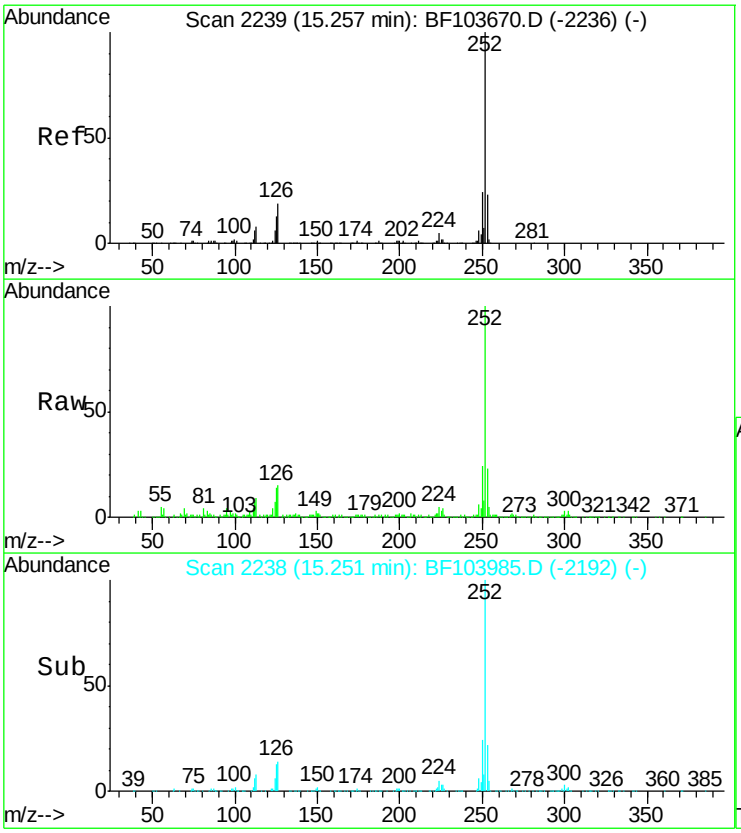
#87
Benzo(b)fluoranthene
Concen: 44.439 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 637792

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	14.3	9.0	13.6#

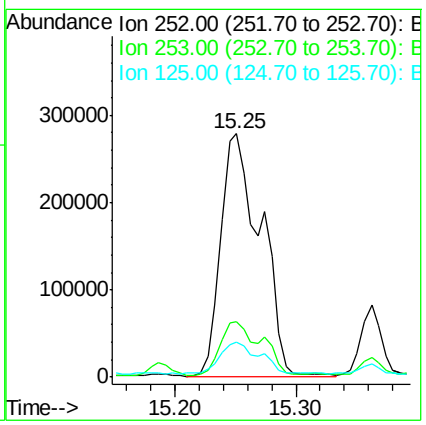


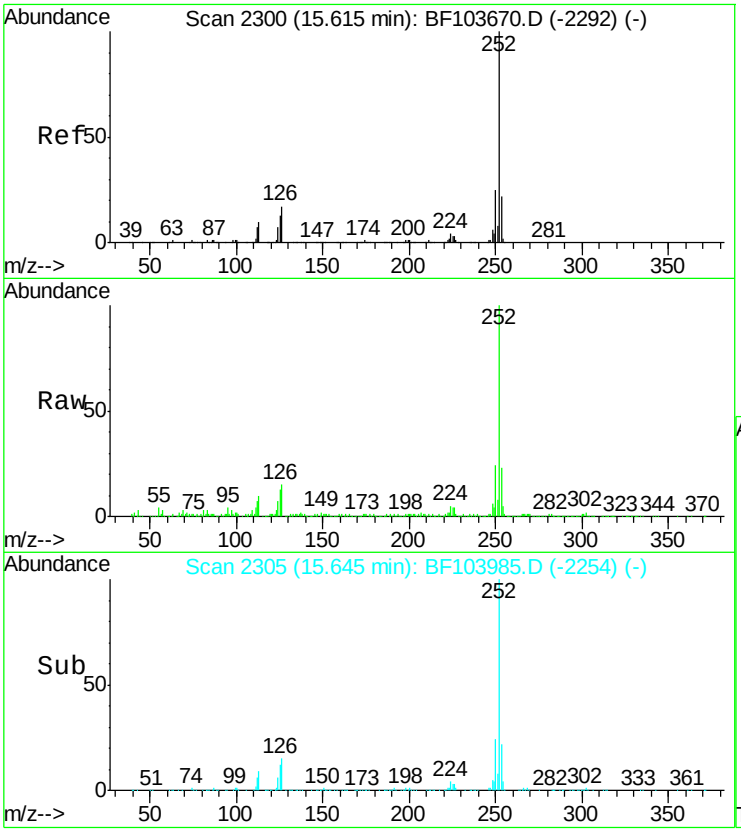


#88
Benzo(k)fluoranthene
Concen: 46.229 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.03 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion:252 Resp: 637792

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	14.3	10.2	15.2



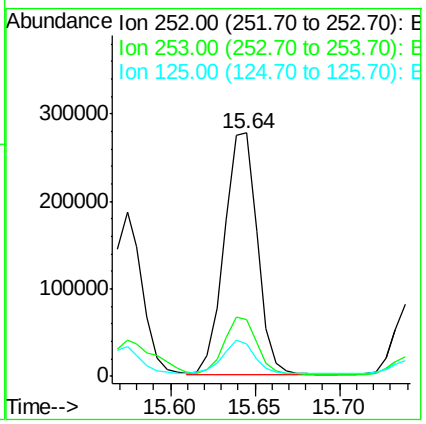


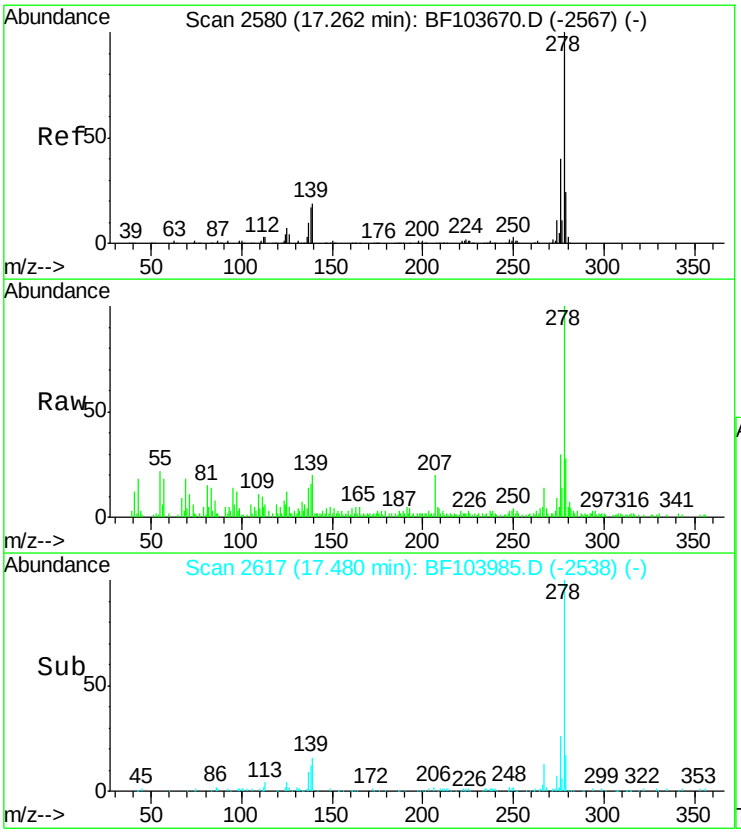
#89
Benzo(a)pyrene
Concen: 29.099 ng
RT: 15.64 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 378800

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	13.1	9.8	14.6

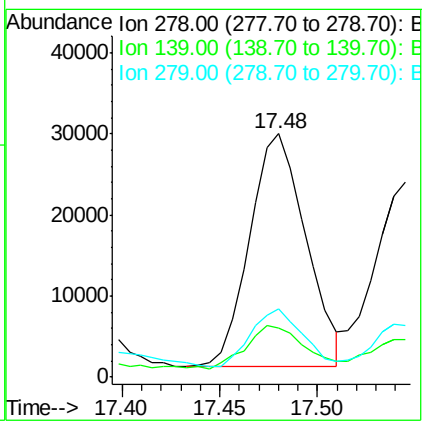


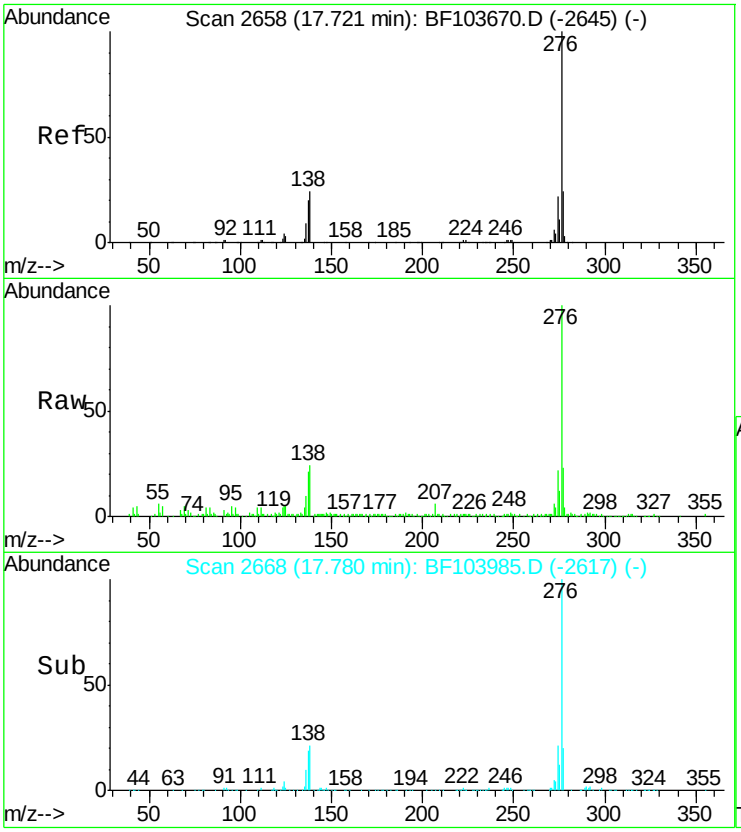


#90
Dibenzo(a,h)anthracene
Concen: 5.072 ng
RT: 17.48 min Scan# 2617
Delta R.T. 0.16 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Tgt Ion:278 Resp: 57168

Ion	Ratio	Lower	Upper
278	100		
139	20.4	15.9	23.9
279	27.9	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 19.286 ng
RT: 17.78 min Scan# 2668
Delta R.T. 0.00 min
Lab File: BF103985.D
Acq: 27 Mar 2018 22:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 211488

Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	23.8	21.8	32.8