Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104020.D
Acq On : 28 Mar 2018 19:50
Operator : JU/SJ
Sample : J2100-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 29 01:52:23 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	124773	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	516633	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	231640	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	355015	20.00	ng		0.00
75) Chrysene-d12	14.16	240	231280	20.00	ng		0.00
86) Perylene-d12	15.70	264	212209	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	800590	102.32	ng		0.00
7) Phenol-d6	6.60	99	1039531	107.99	ng		0.00
23) Nitrobenzene-d5	7.53	82	602525	71.32	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	216835	84.07	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	799869	54.45	ng		0.00
78) Terphenyl-d14	13.08	244	501039	50.02	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.52	77	1140	Below Cal		#	1
12) 1,3-Dichlorobenzene	6.99	146	32598	3.379	ng	#	95
13) 1,4-Dichlorobenzene	6.99	146	32598	3.153	ng		98
14) 1,2-Dichlorobenzene	6.99	146	32598	3.508	ng		96
19) n-Nitroso-di-n-propylamine	7.53	70	76806	13.445	ng	#	74
20) 3+4-Methylphenols	7.41	107	25770	2.891	ng	#	51
25) Isophorone	7.53	82	602525	38.701	ng	#	64
31) Naphthalene	8.27	128	239387	9.485	ng		99
33) 4-Chloroaniline	8.27	127	31563	2.966	ng	#	36
37) 2-Methylnaphthalene	8.96	142	79728	4.796	ng		99
49) Dimethylphthalate	9.71	163	113715	6.218	ng		100
51) Acenaphthene	10.03	154	153821	11.192	ng		99
53) 2,4-Dinitrophenol	10.27	184	1268	6.259	ng	#	18
54) Dibenzofuran	10.21	168	131971	6.575	ng		100
57) Fluorene	10.56	166	180391	10.896	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	13259	3.491	ng	#	1
70) Phenanthrene	11.53	178	1540552	80.150	ng		99
71) Anthracene	11.58	178	490846	24.448	ng		98
72) Carbazole	11.74	167	135390	7.066	ng		98
74) Fluoranthene	12.73	202	1551595	75.944	ng		99
77) Pyrene	12.96	202	1523107	91.611	ng		99
80) Benzo(a)anthracene	14.15	228	687566	47.511	ng		98
82) Chrysene	14.19	228	629017	44.377	ng		98
85) Indeno(1,2,3-cd)pyrene	17.30	276	305973	20.831	ng	#	91
87) Benzo(b)fluoranthene	15.24	252	1006177	77.909	ng	#	95
88) Benzo(k)fluoranthene	15.24	252	1006177	82.705	ng		98
89) Benzo(a)pyrene	15.64	252	597031	49.885	ng		97
90) Dibenzo(a,h)anthracene	17.09	278	55335	5.001	ng		92
91) Benzo(g,h,i)perylene	17.79	276	320142	28.885	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104020.D
Acq On : 28 Mar 2018 19:50
Operator : JU/SJ
Sample : J2100-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 29 01:52:23 2018
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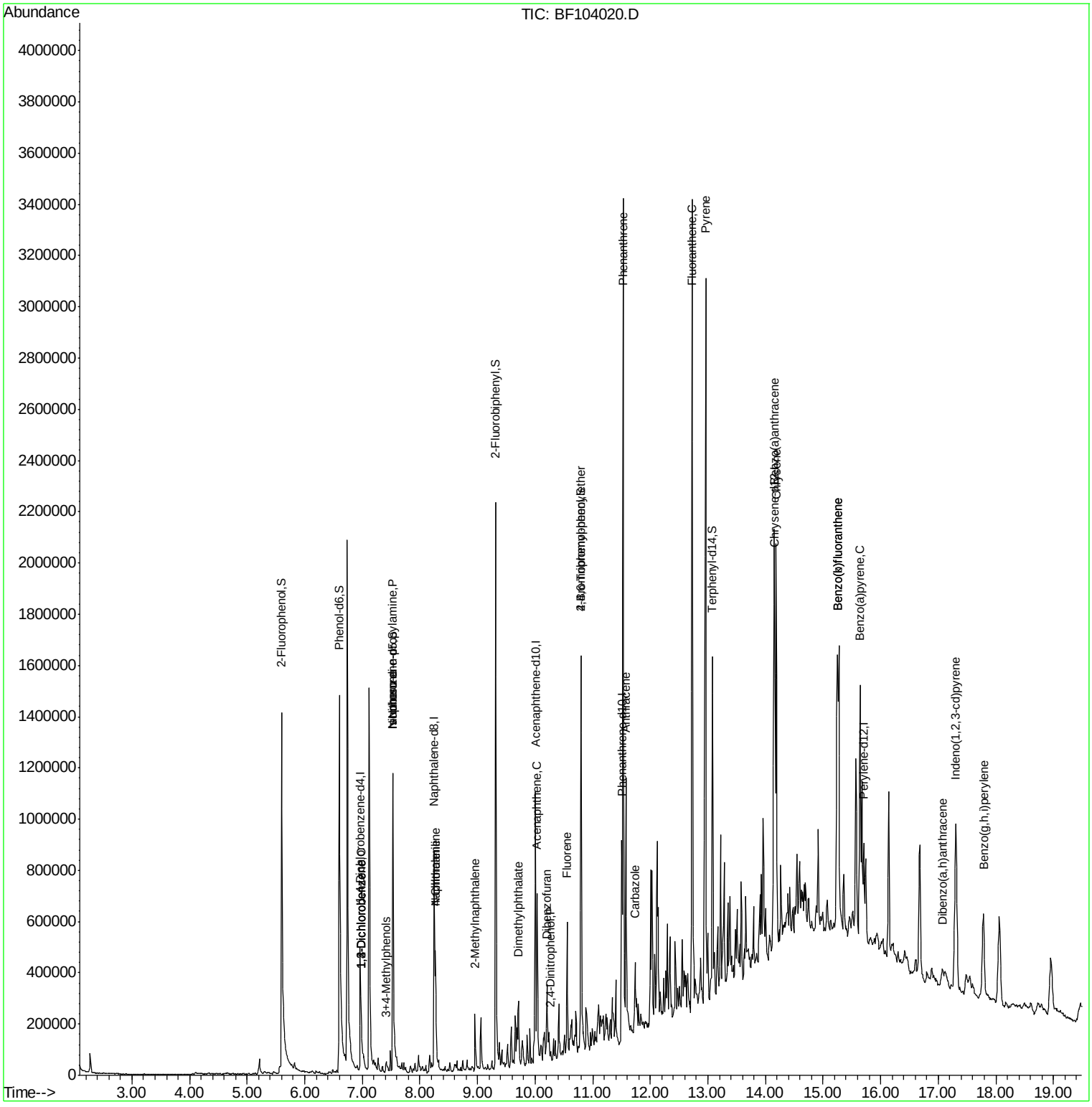
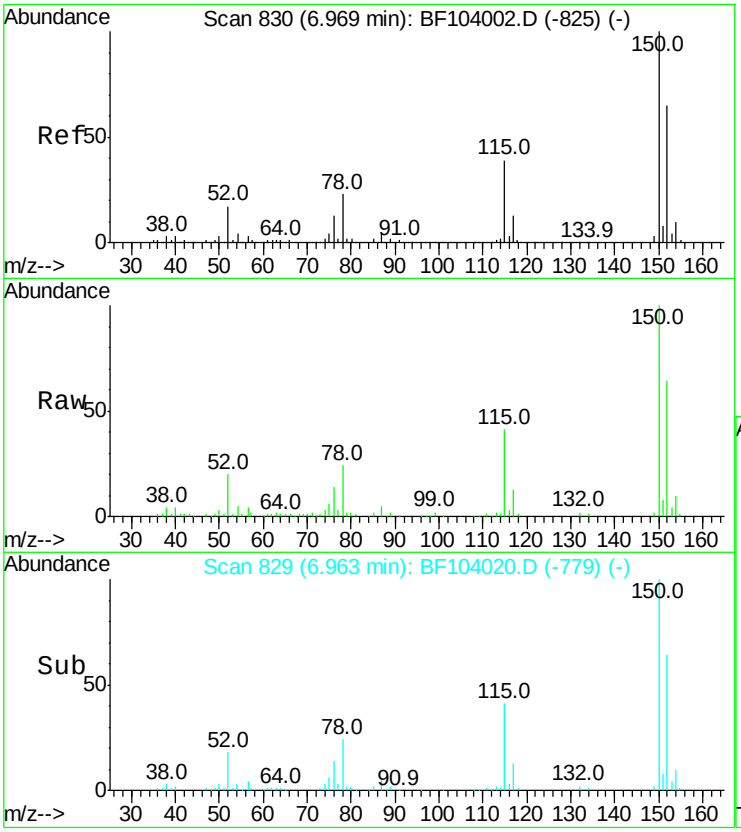
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration



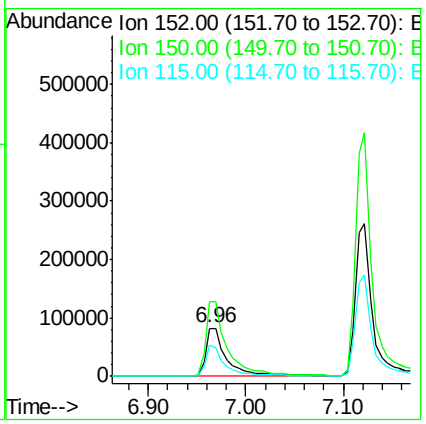


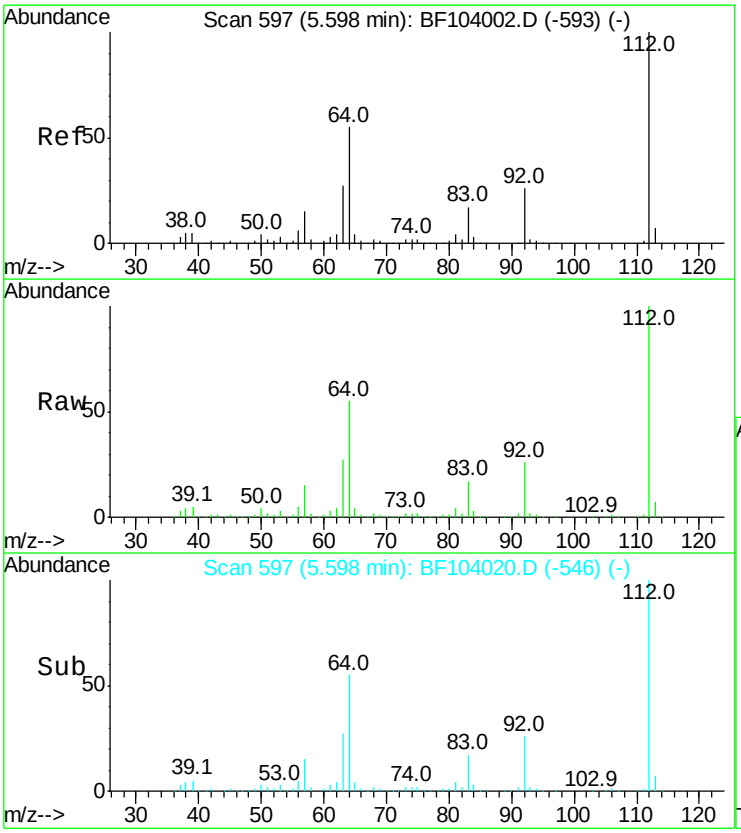
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 124773

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	64.0	50.1	75.1

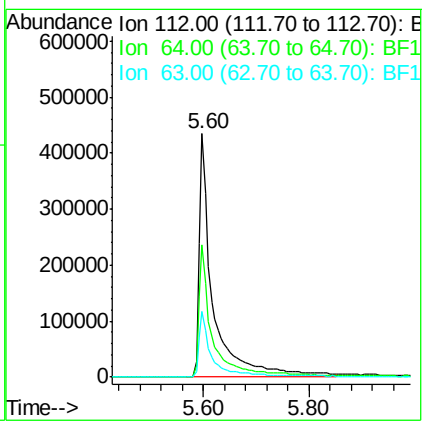


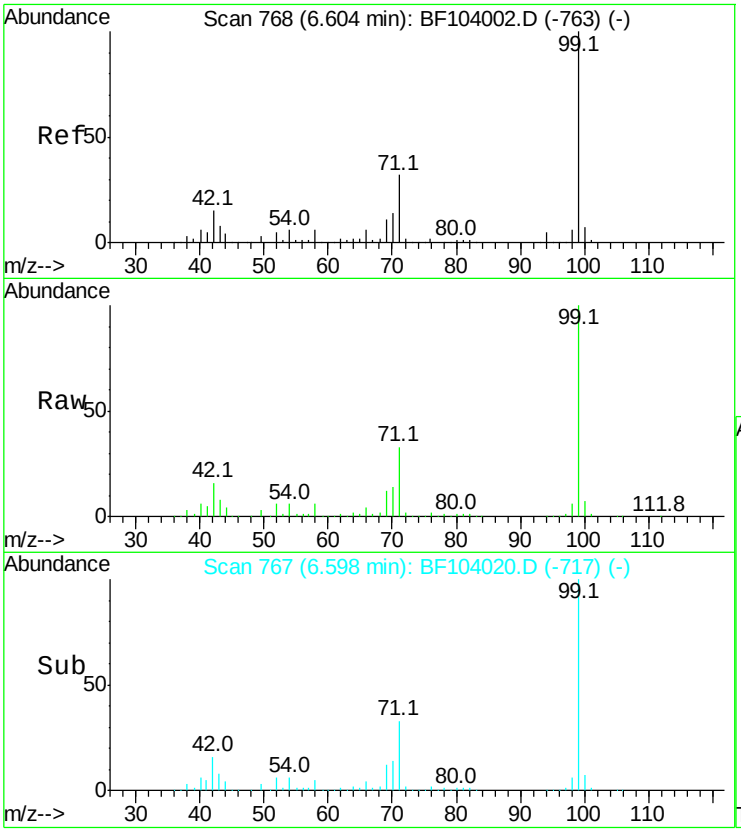


#5
2-Fluorophenol
Concen: 102.325 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:112 Resp: 800590

Ion	Ratio	Lower	Upper
112	100		
64	54.6	47.9	71.9
63	27.2	23.7	35.5



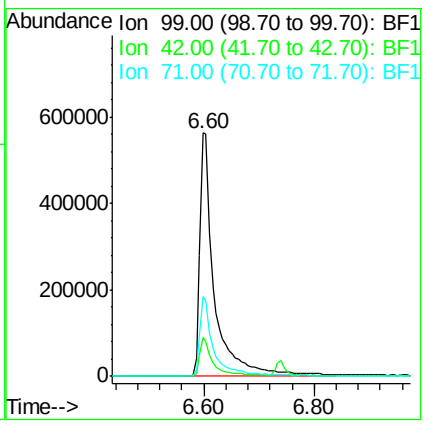


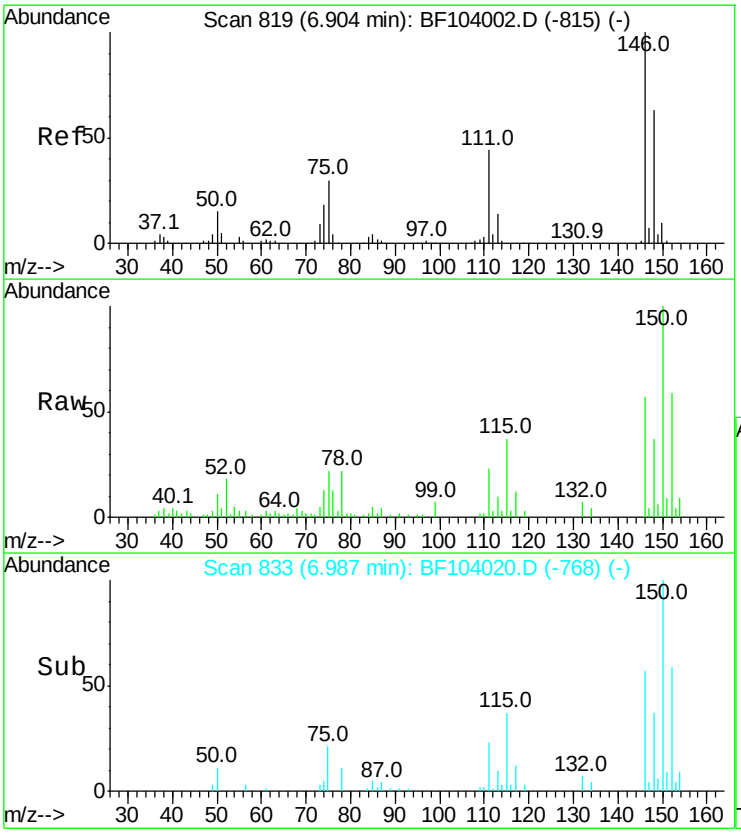
#7
Phenol-d6
Concen: 107.993 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1039531

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	33.0	25.4	38.0

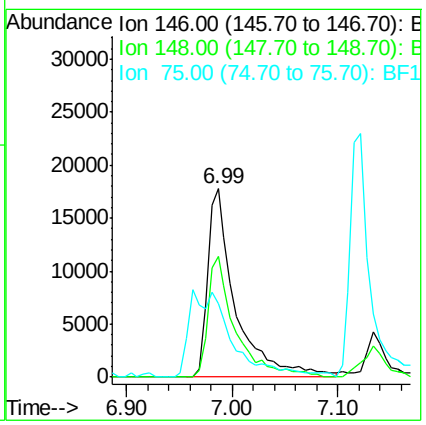


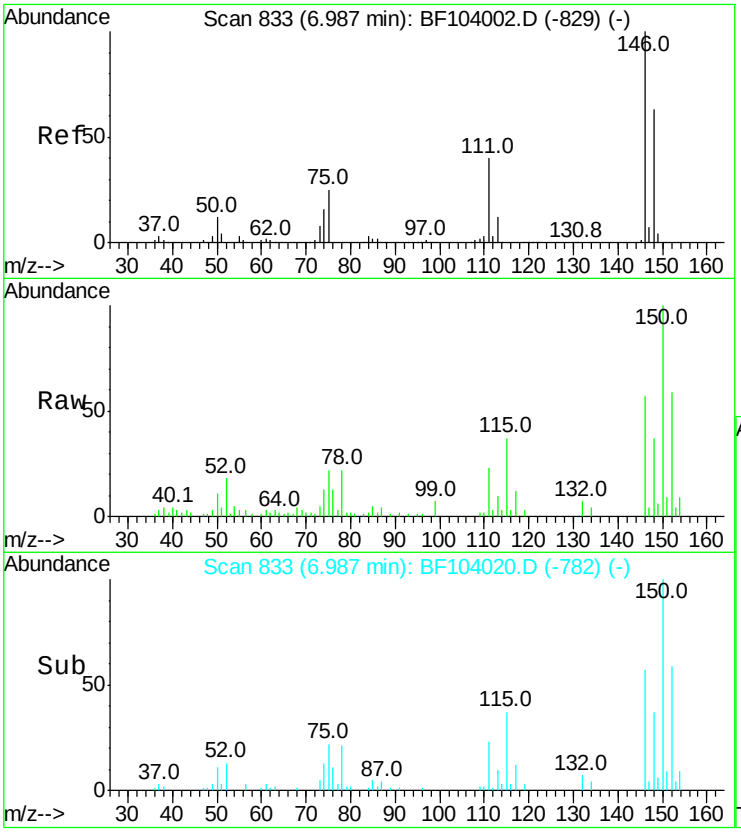


#12
1,3-Dichlorobenzene
Concen: 3.379 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.08 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:146 Resp: 32598

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	38.9	24.2	36.4#

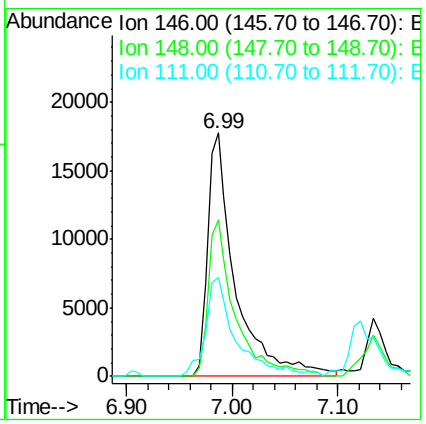




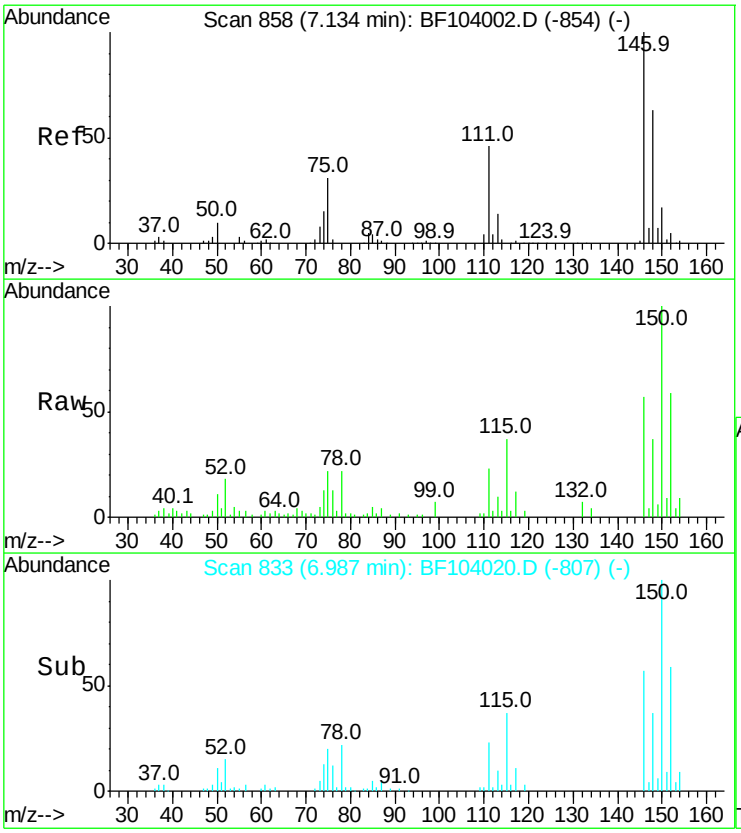
#13
1,4-Dichlorobenzene
Concen: 3.153 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:146 Resp: 32598

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	40.7	34.2	51.2



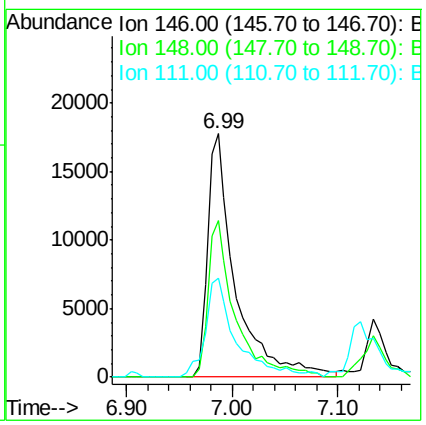
Instrument :
BNA_F
ClientSampleId :

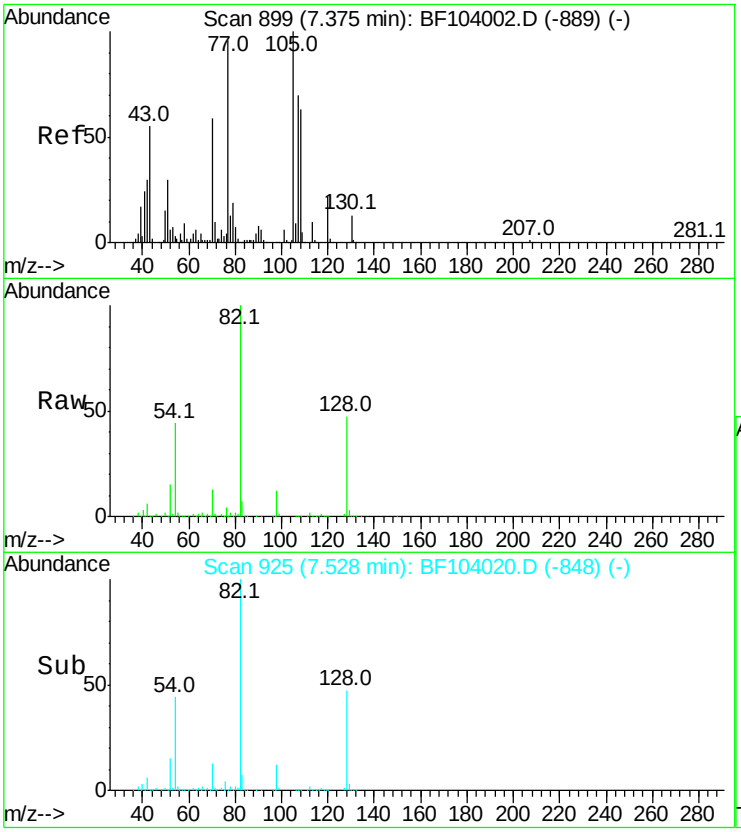


#14
1,2-Dichlorobenzene
Concen: 3.508 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.15 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:146 Resp: 32598

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
111	40.7	36.0	54.0



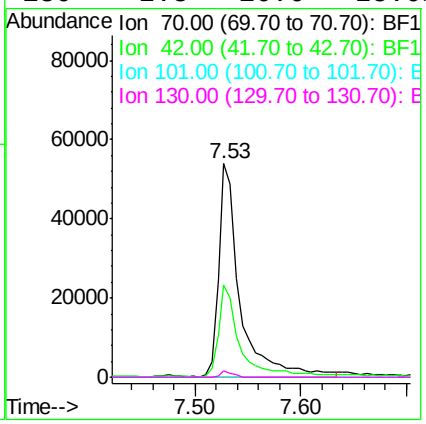


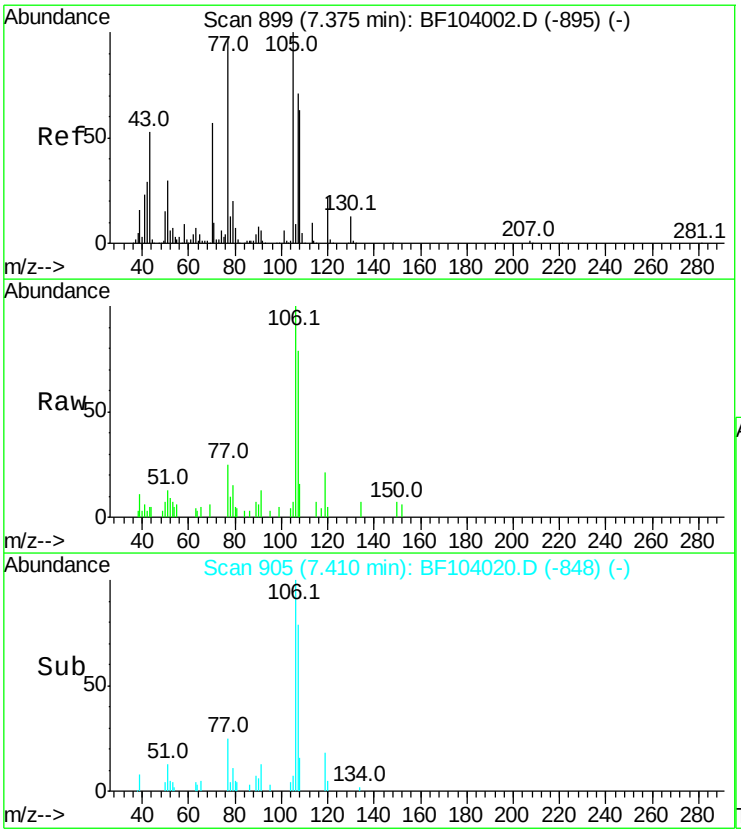
#19
n-Nitroso-di-n-propylamine
Concen: 13.445 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 76806

Ion	Ratio	Lower	Upper
70	100		
42	43.1	47.5	71.3#
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#

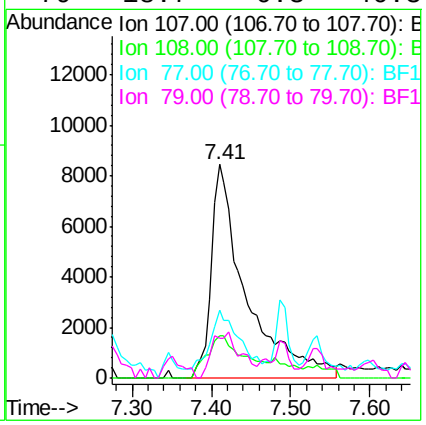


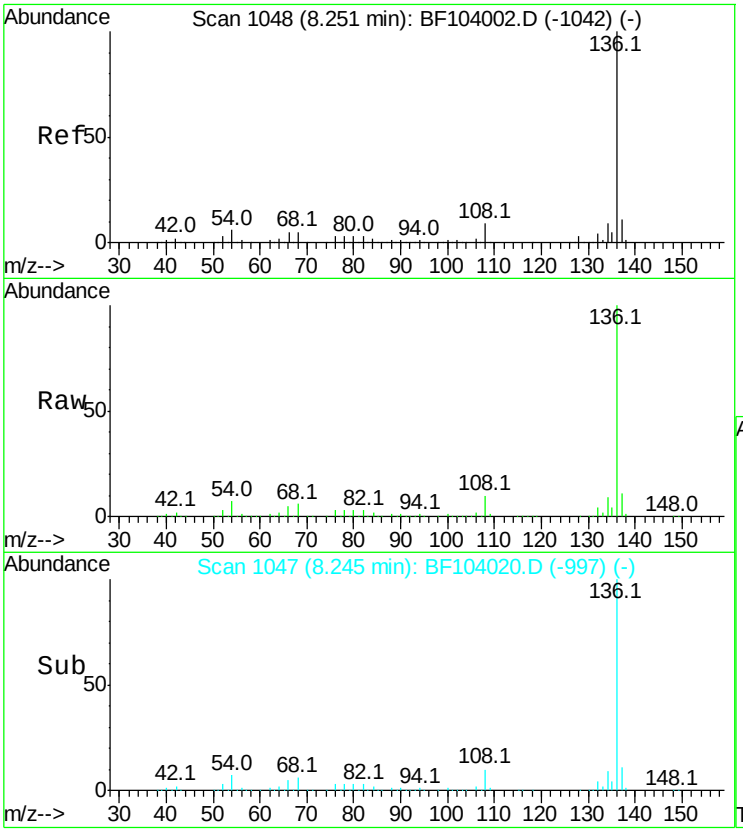


#20
3+4-Methylphenols
Concen: 2.891 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.04 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:107 Resp: 25770

Ion	Ratio	Lower	Upper
107	100		
108	20.0	68.2	108.2#
77	31.9	26.7	66.7
79	18.7	6.3	46.3



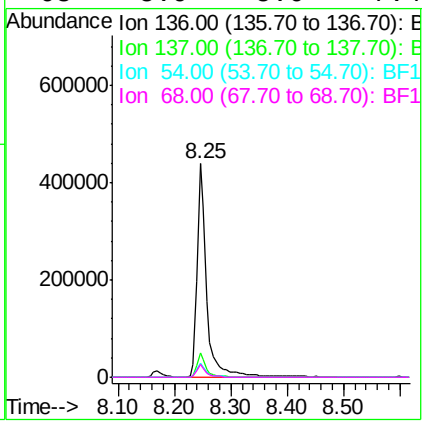


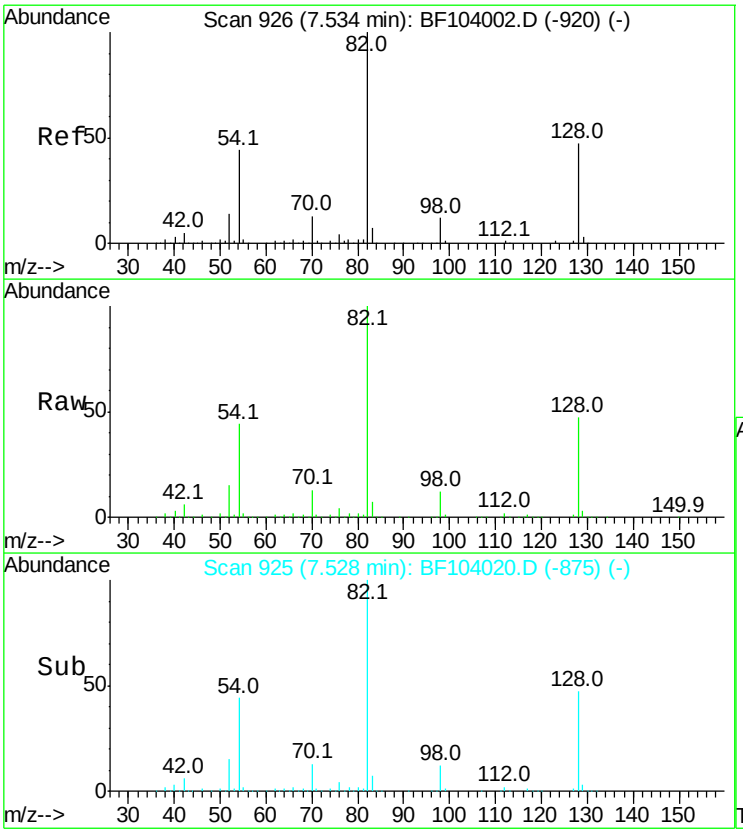
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 516633

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.7	6.6	9.8
68	5.9	5.0	7.4

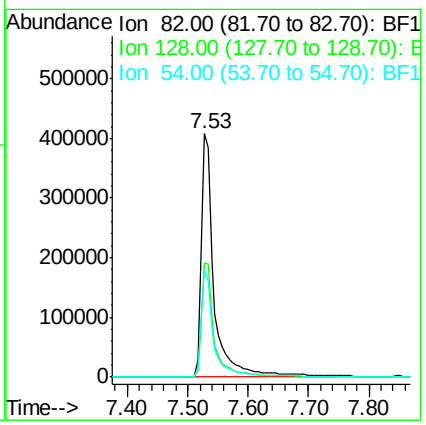


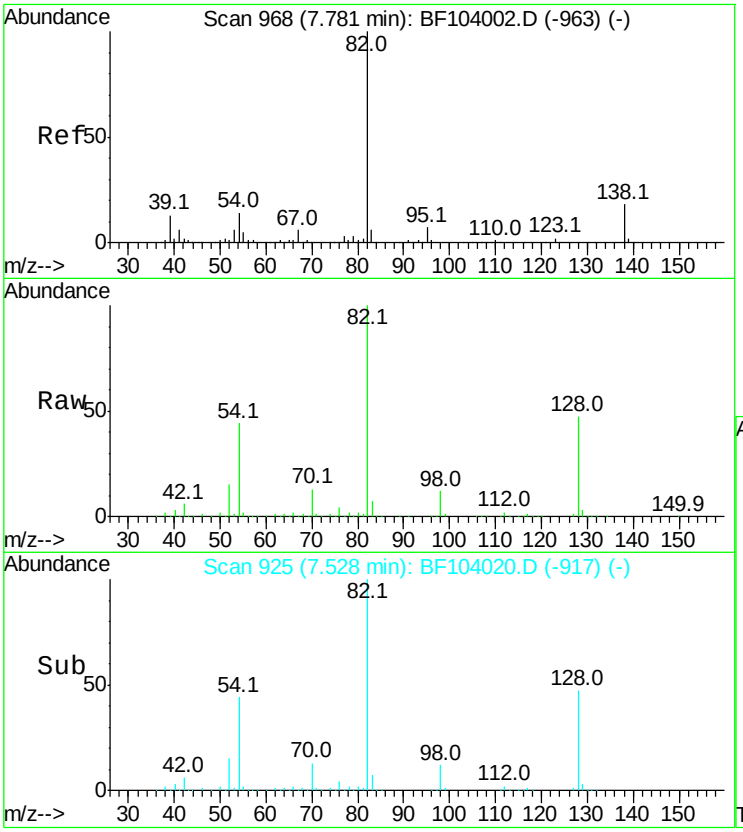


#23
Nitrobenzene-d5
Concen: 71.323 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion: 82 Resp: 602525

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	44.5	41.4	62.2



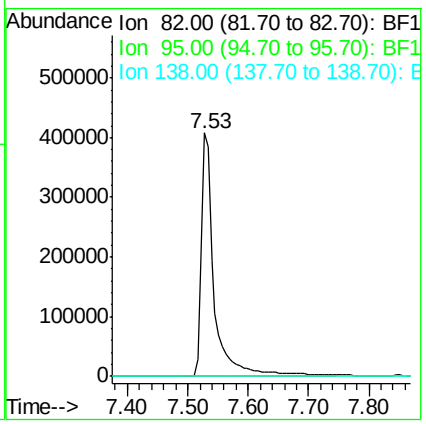


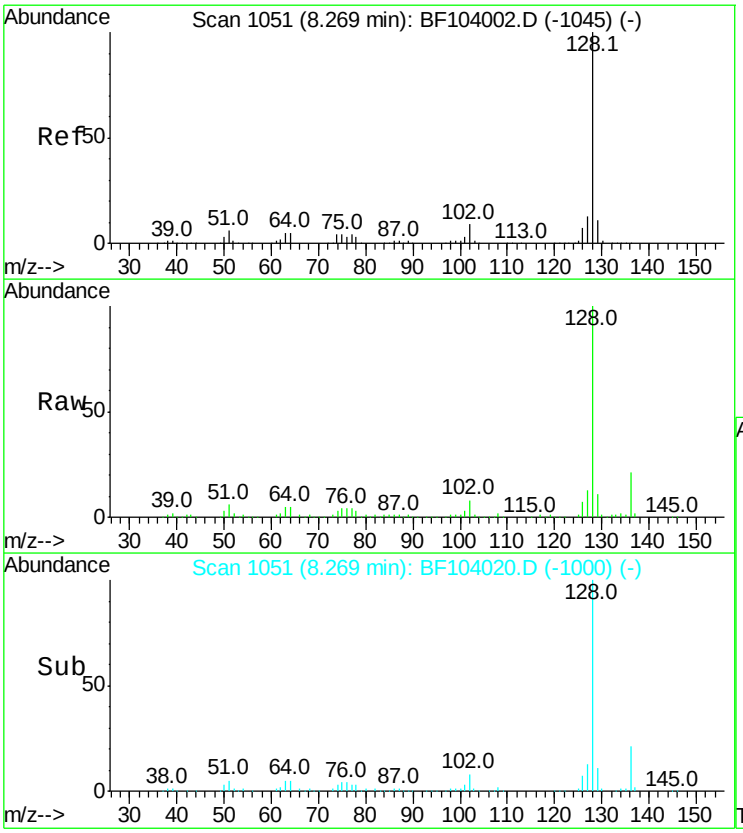
#25
Isophorone
Concen: 38.701 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 602525

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

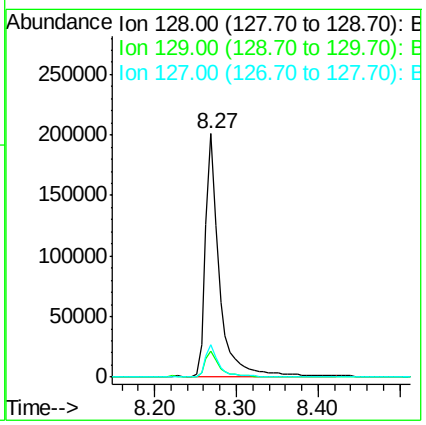


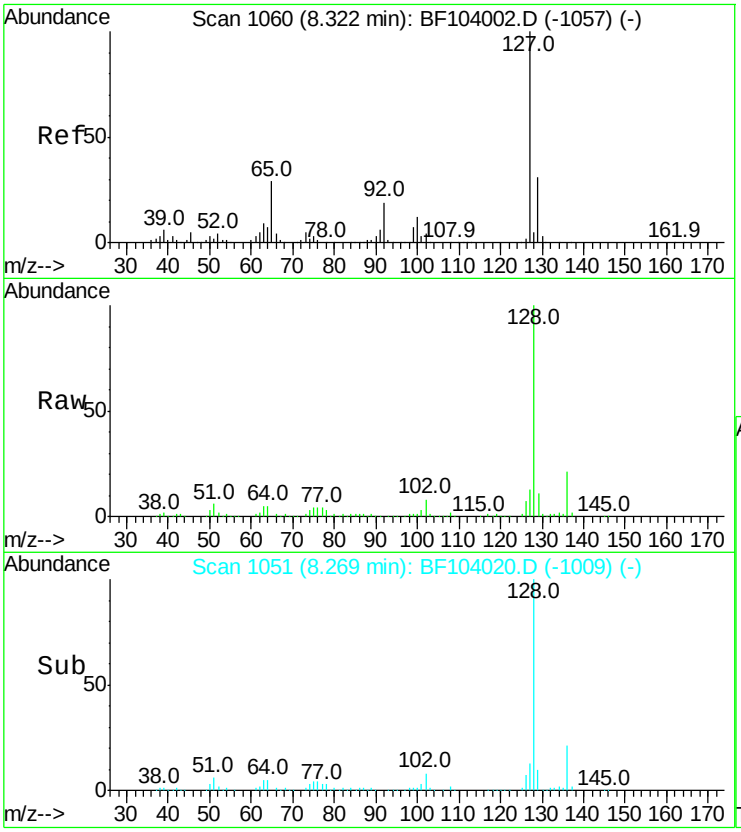


#31
Naphthalene
Concen: 9.485 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:128 Resp: 239387

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.4	10.9	16.3



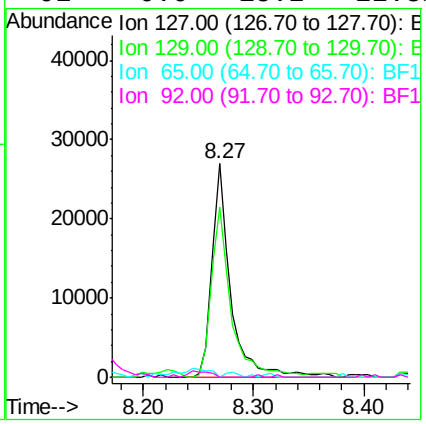


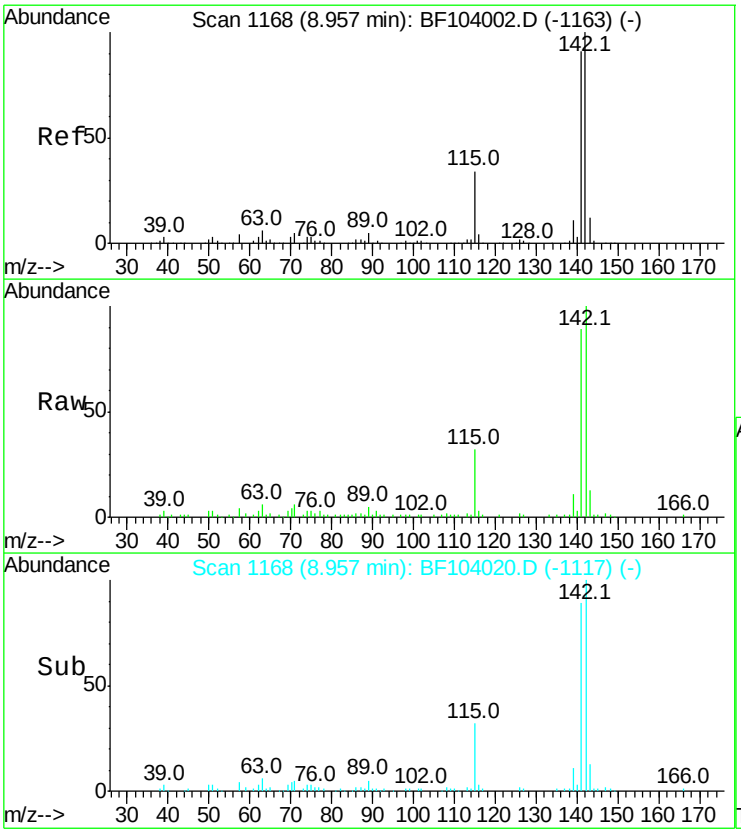
#33
4-Chloroaniline
Concen: 2.966 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.05 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 31563

Ion	Ratio	Lower	Upper
127	100		
129	79.6	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

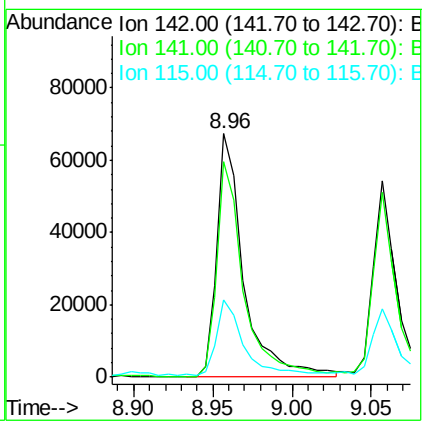


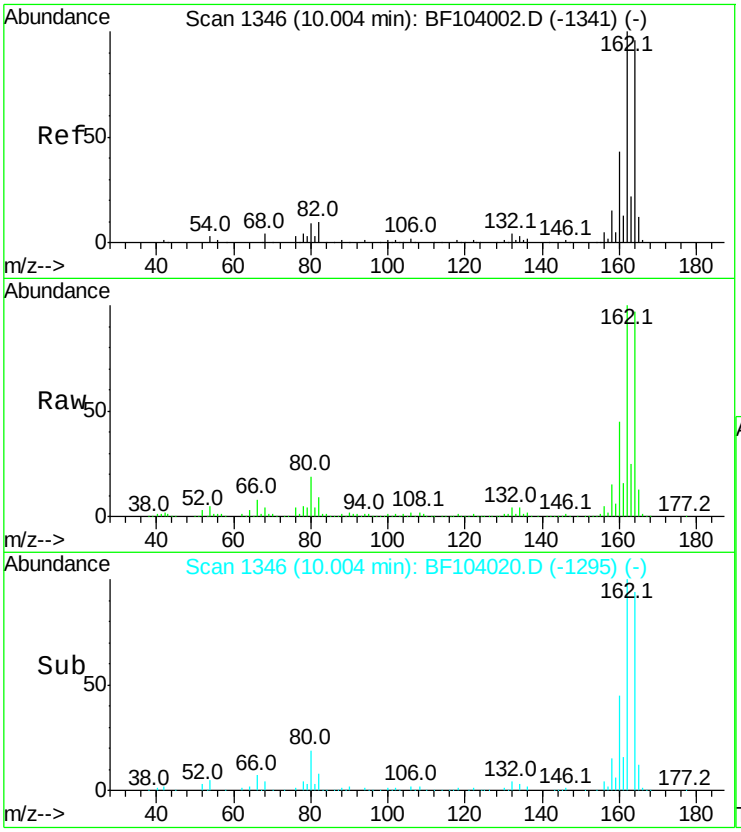


#37
2-Methylnaphthalene
Concen: 4.796 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:142 Resp: 79728

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	31.8	26.1	39.1



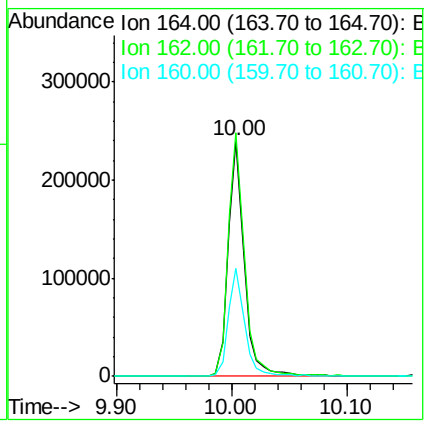


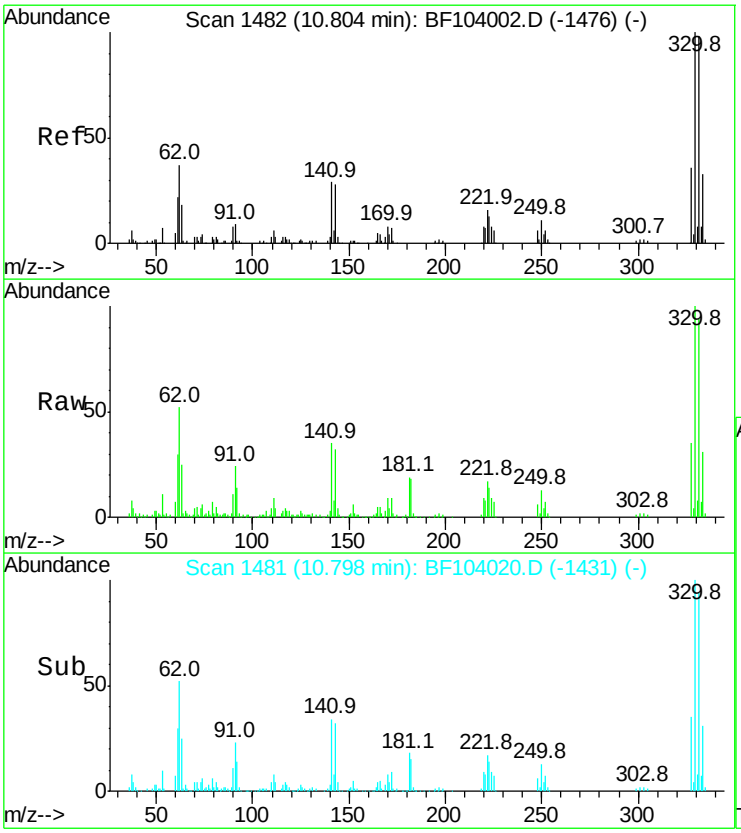
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 231640

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	46.1	38.3	57.5

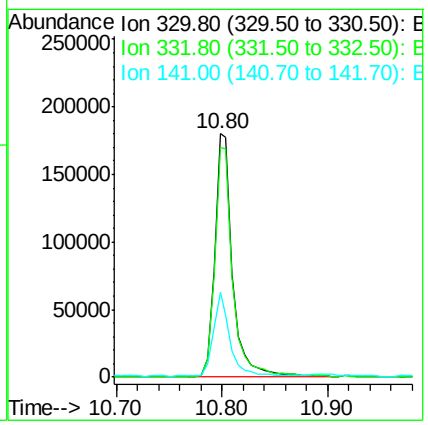


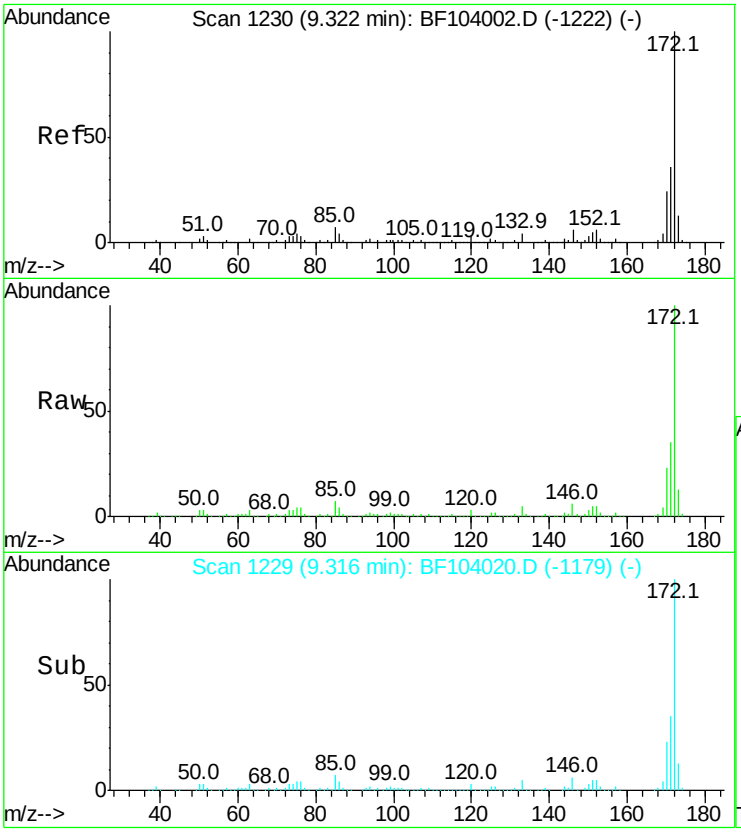


#41
2,4,6-Tribromophenol
Concen: 84.067 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:330 Resp: 216835

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	31.9	29.9	44.9



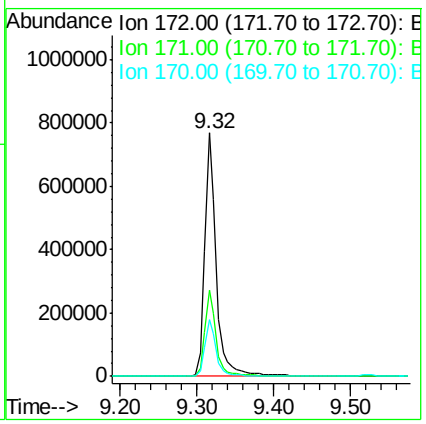


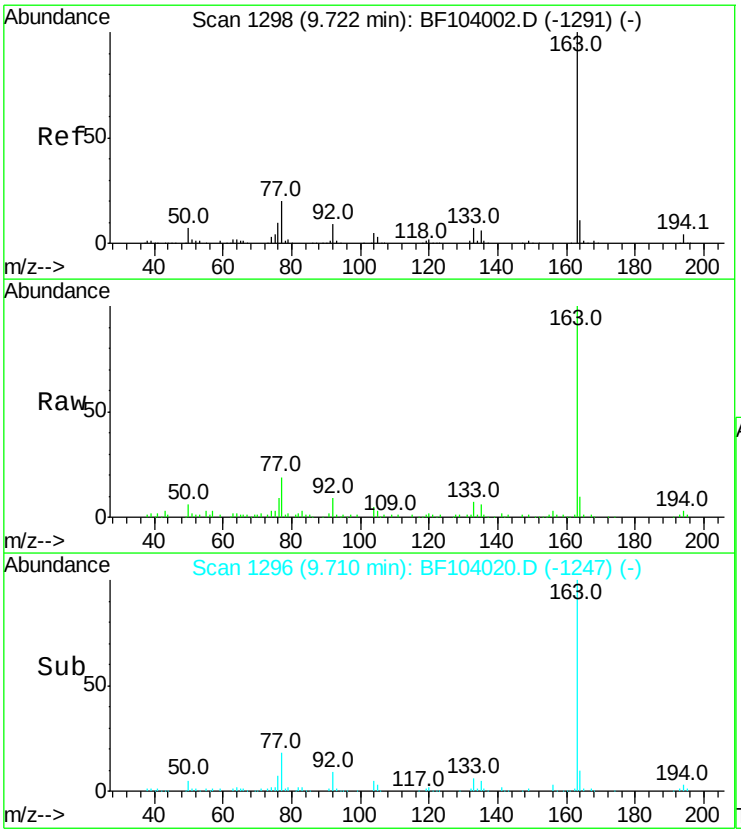
#44
2-Fluorobiphenyl
Concen: 54.452 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 799869

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.2	19.6	29.4

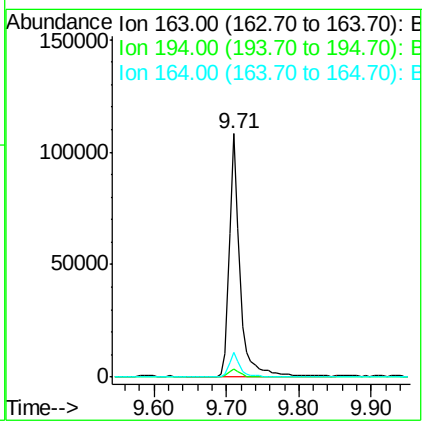


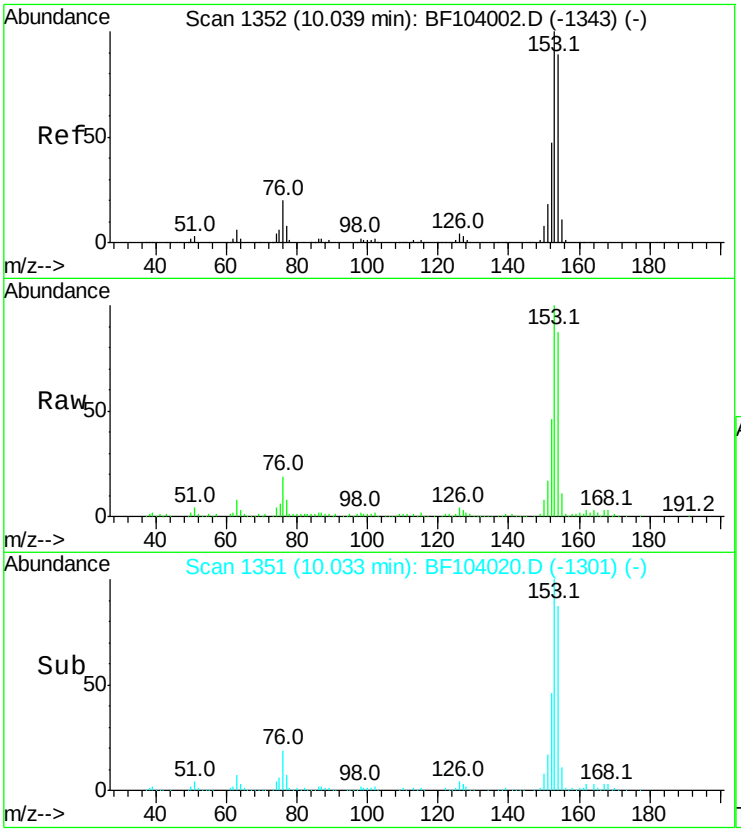


#49
Dimethylphthalate
Concen: 6.218 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:163 Resp: 113715

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



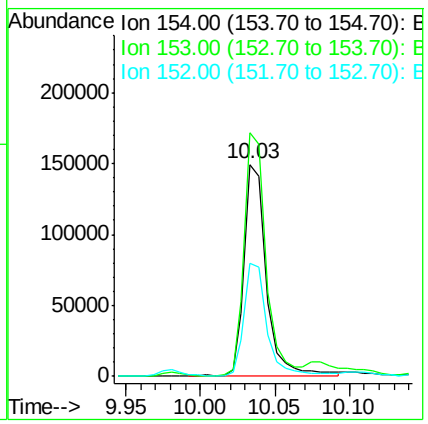


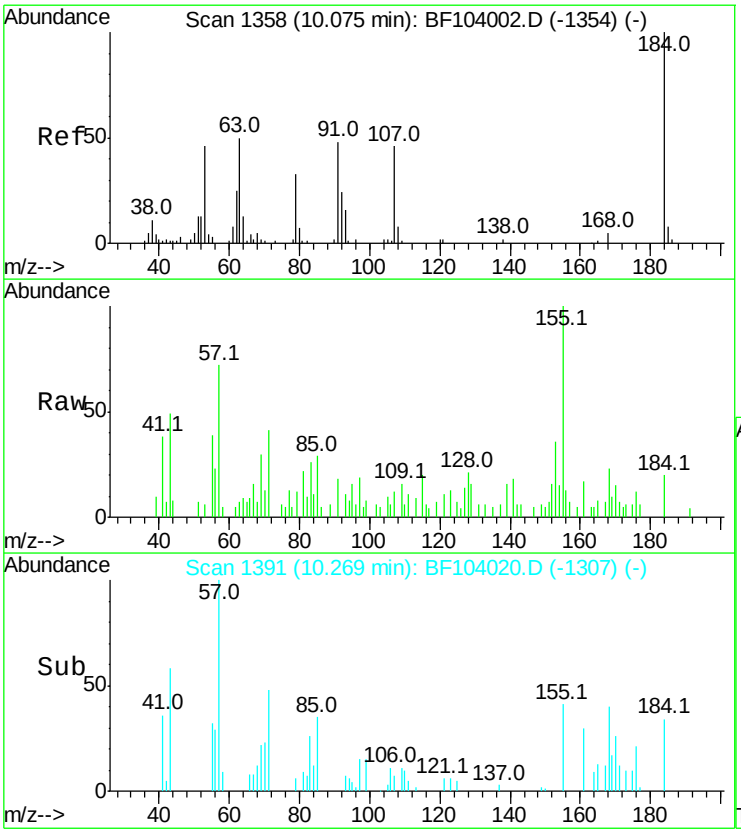
#51
Acenaphthene
Concen: 11.192 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 153821

Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.2	136.8
152	53.3	43.8	65.8

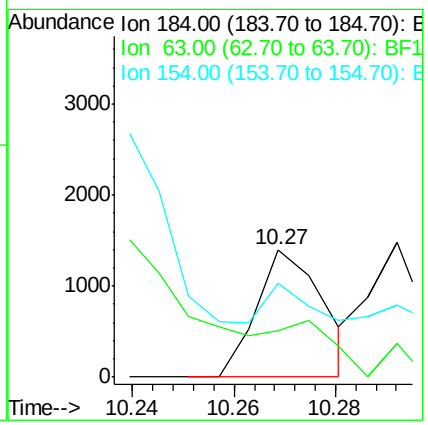


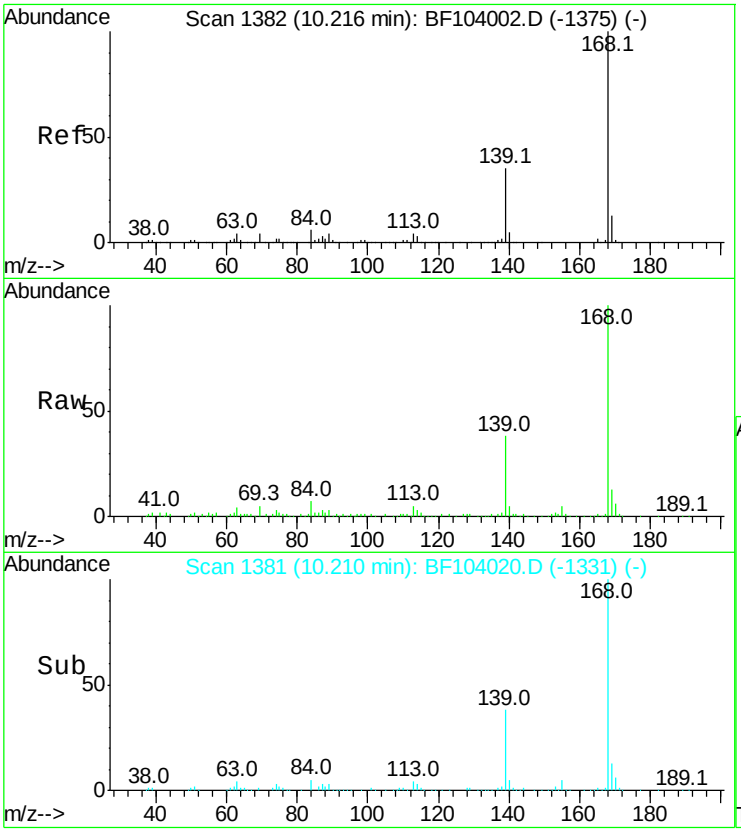


#53
2,4-Dinitrophenol
Concen: 6.259 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.19 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:184 Resp: 1268

Ion	Ratio	Lower	Upper
184	100		
63	36.6	54.2	81.2#
154	74.0	184.0	276.0#



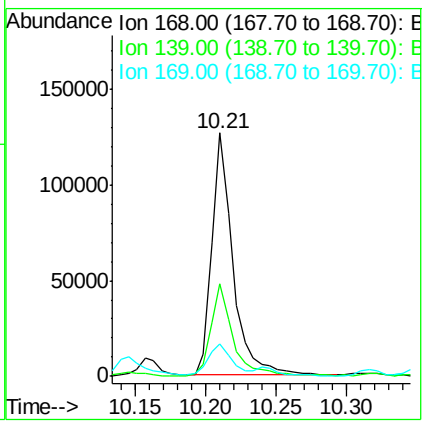


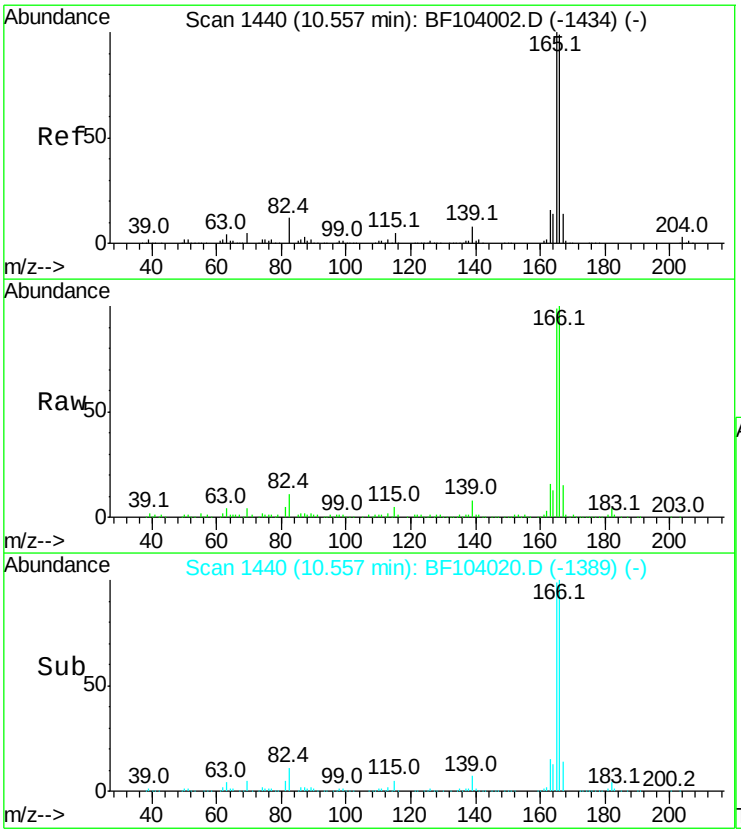
#54
Dibenzofuran
Concen: 6.575 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 131971

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.1	45.1
169	13.5	10.9	16.3

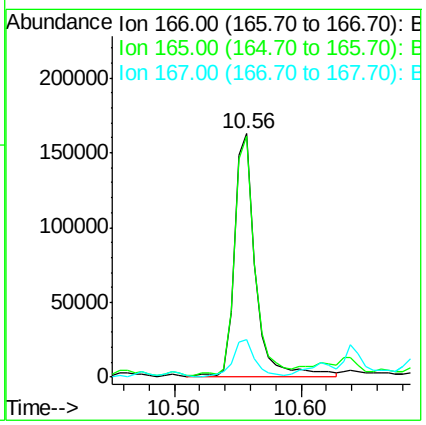


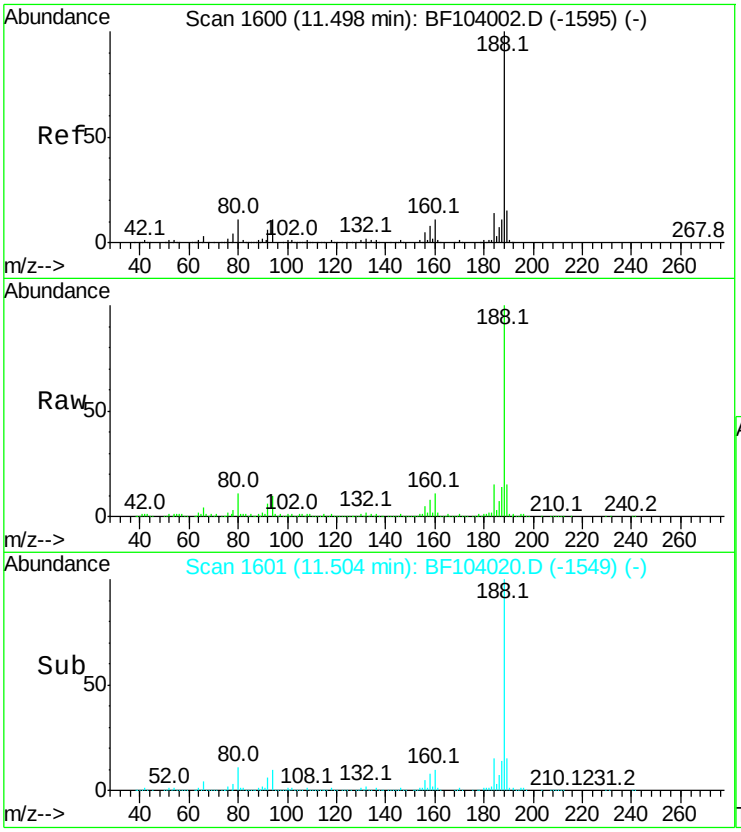


#57
Fluorene
Concen: 10.896 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:166 Resp: 180391

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	15.3	10.6	16.0



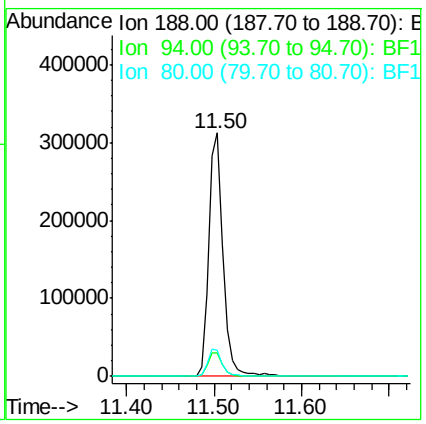


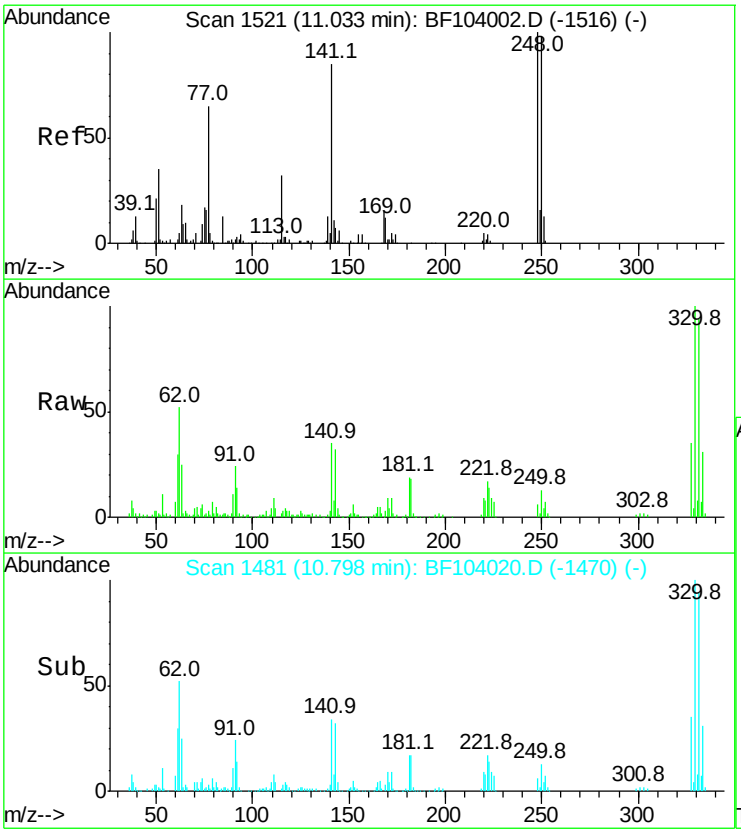
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 355015

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.7	9.2	13.8

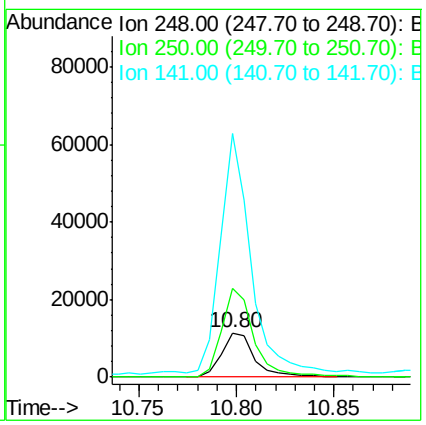


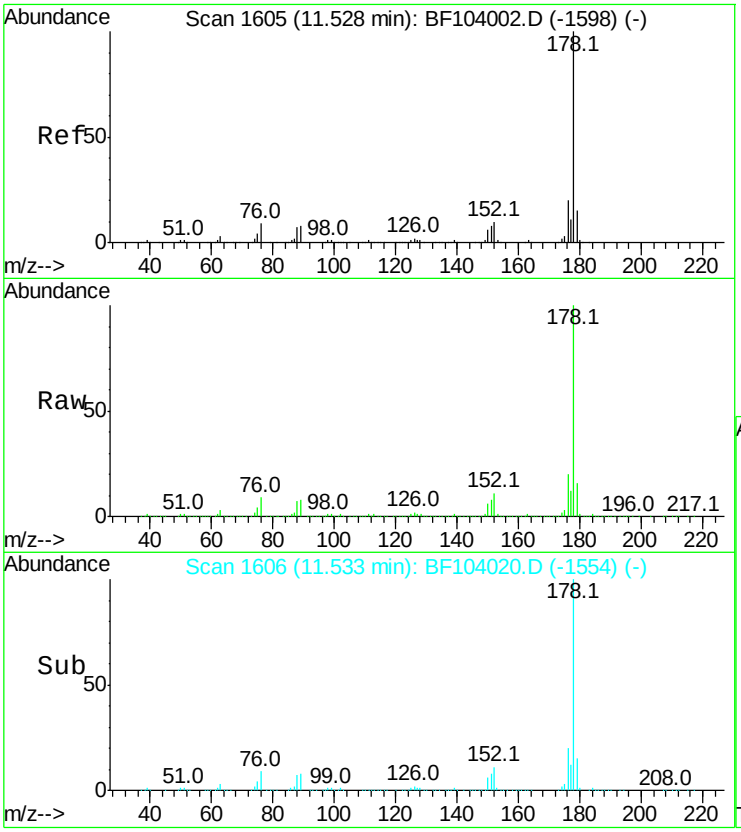


#66
4-Bromophenyl-phenylether
Concen: 3.491 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:248 Resp: 13259

Ion	Ratio	Lower	Upper
248	100		
250	200.7	76.9	115.3#
141	553.8	74.4	111.6#



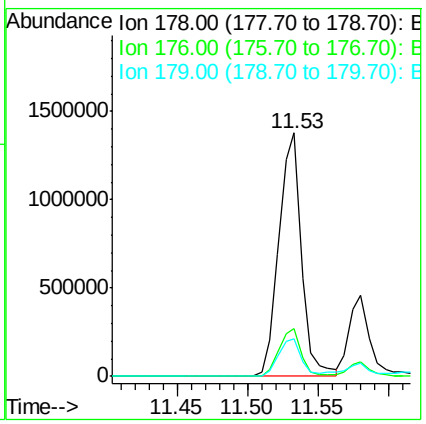


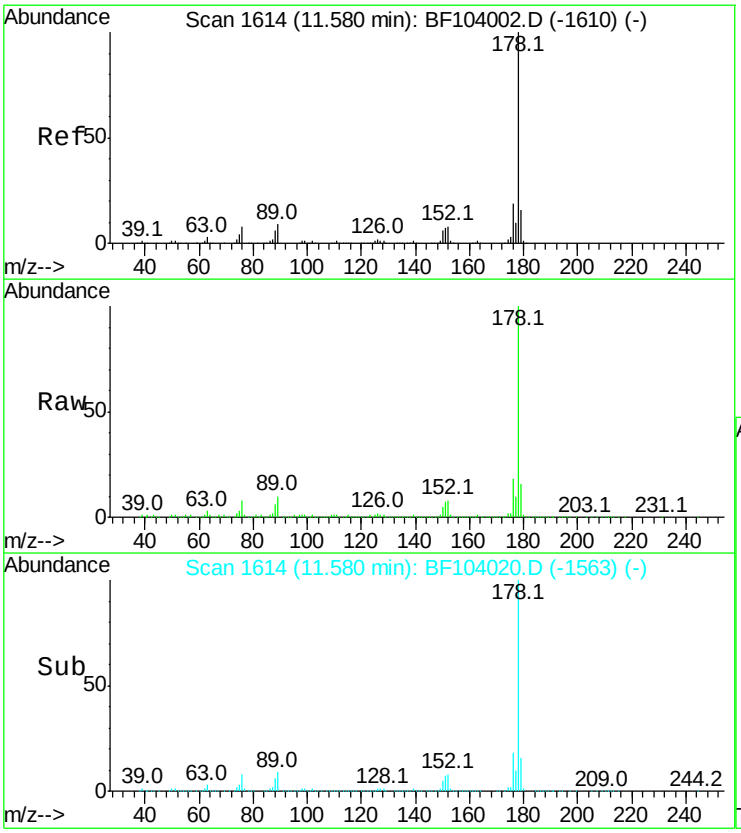
#70
Phenanthrene
Concen: 80.150 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1540552

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.5	13.0	19.6

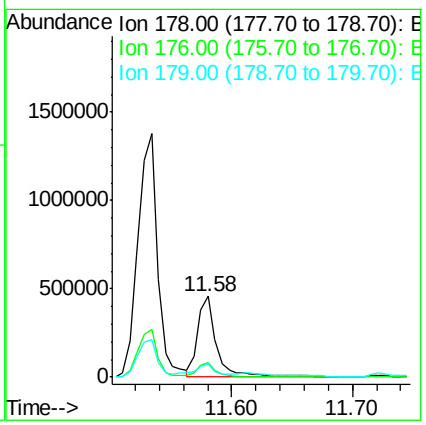


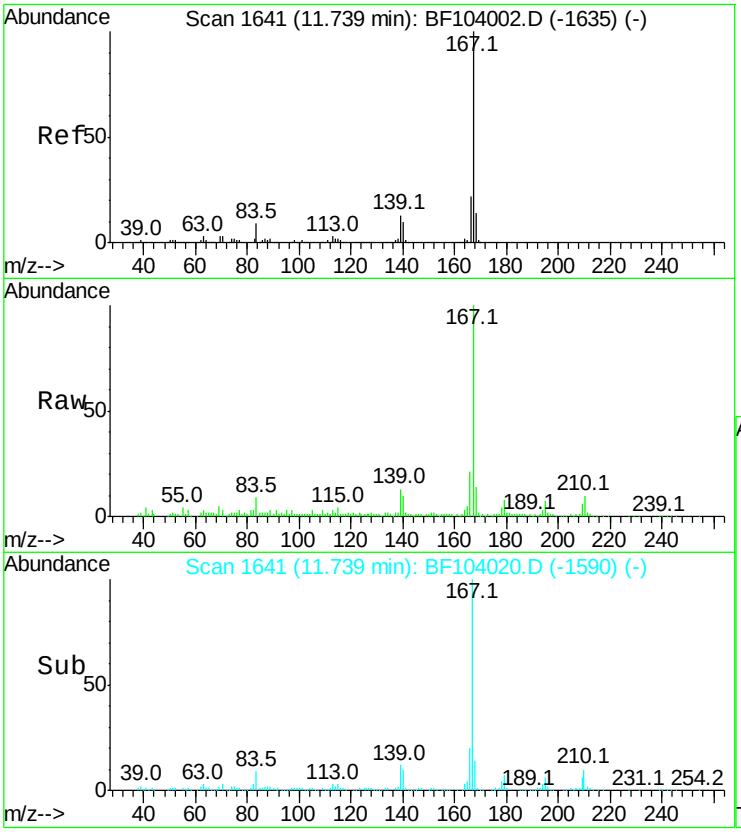


#71
Anthracene
Concen: 24.448 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:178 Resp: 490846

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	16.0	12.6	19.0



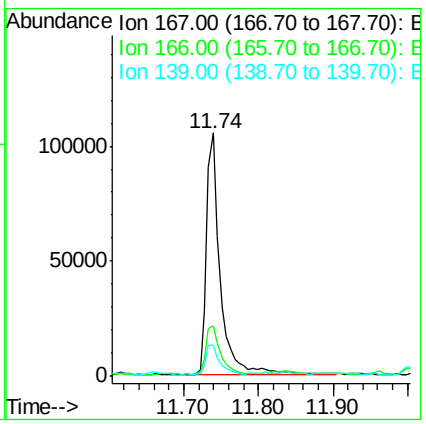


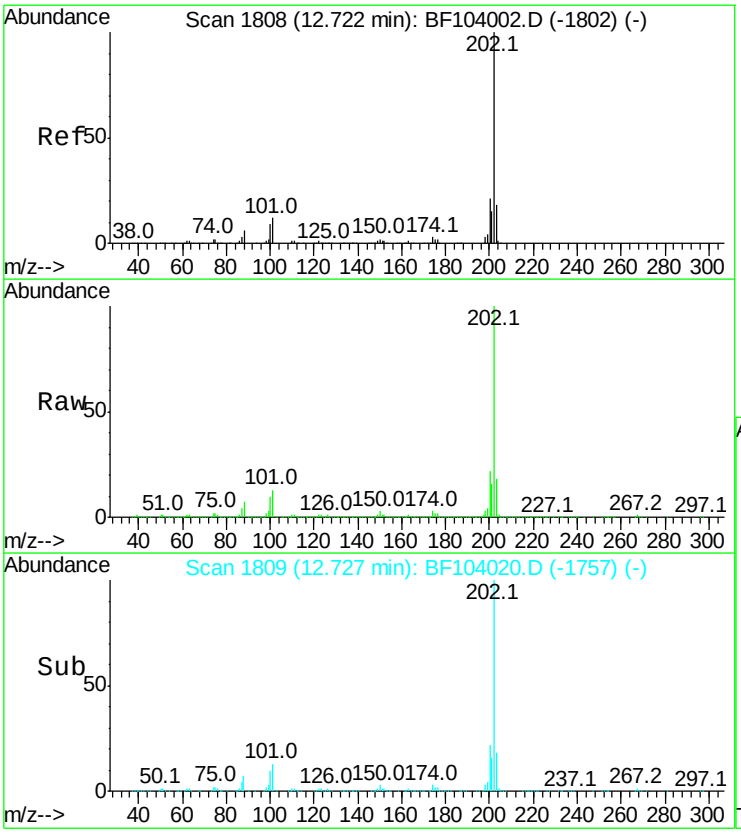
#72
Carbazole
Concen: 7.066 ng
RT: 11.74 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 135390

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.6	26.4
139	12.8	10.9	16.3

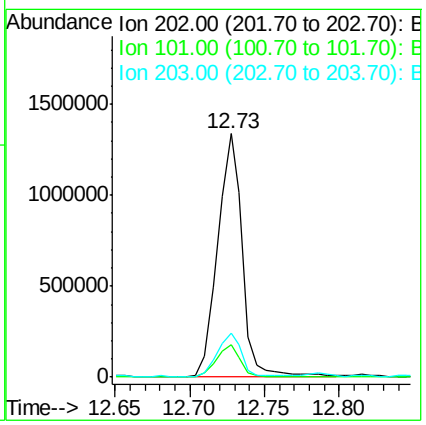


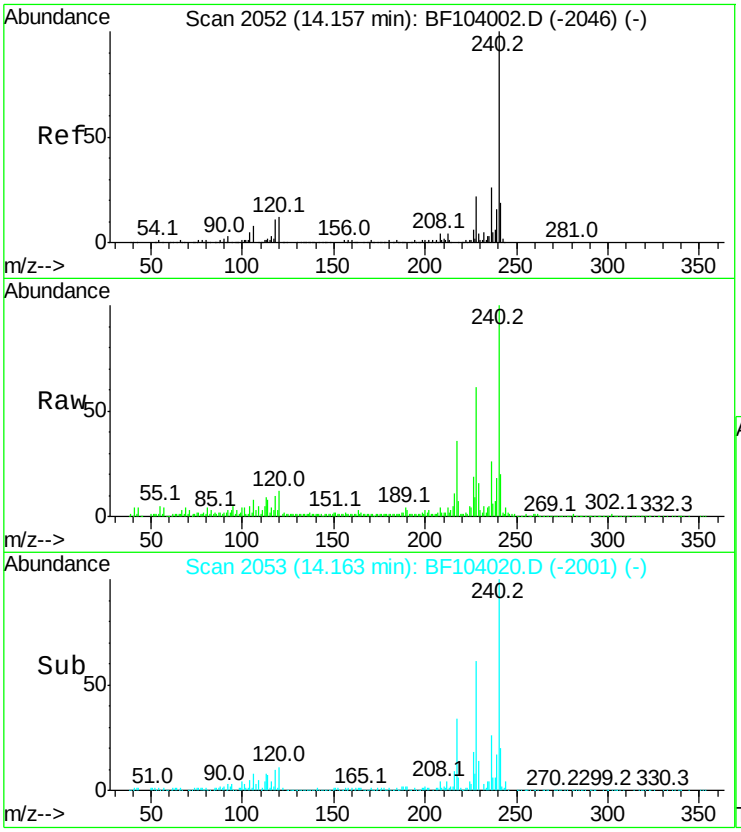


#74
Fluoranthene
Concen: 75.944 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:202 Resp: 1551595

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.1
203	18.2	0.0	38.1



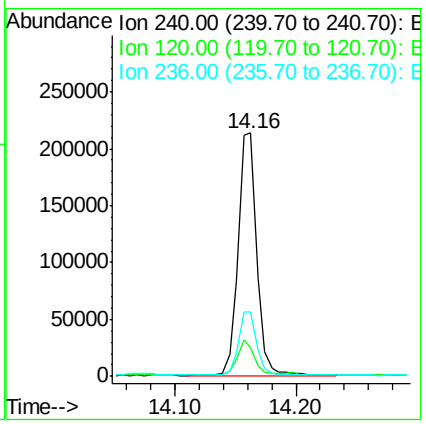


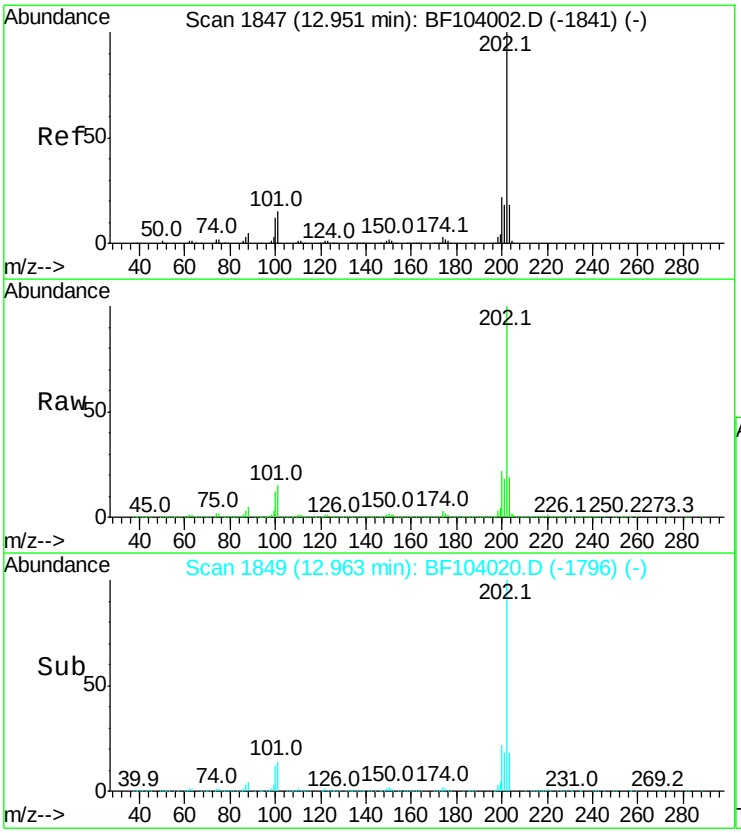
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 231280

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	26.3	20.7	31.1

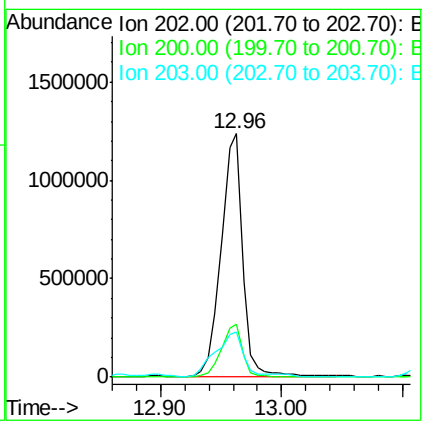


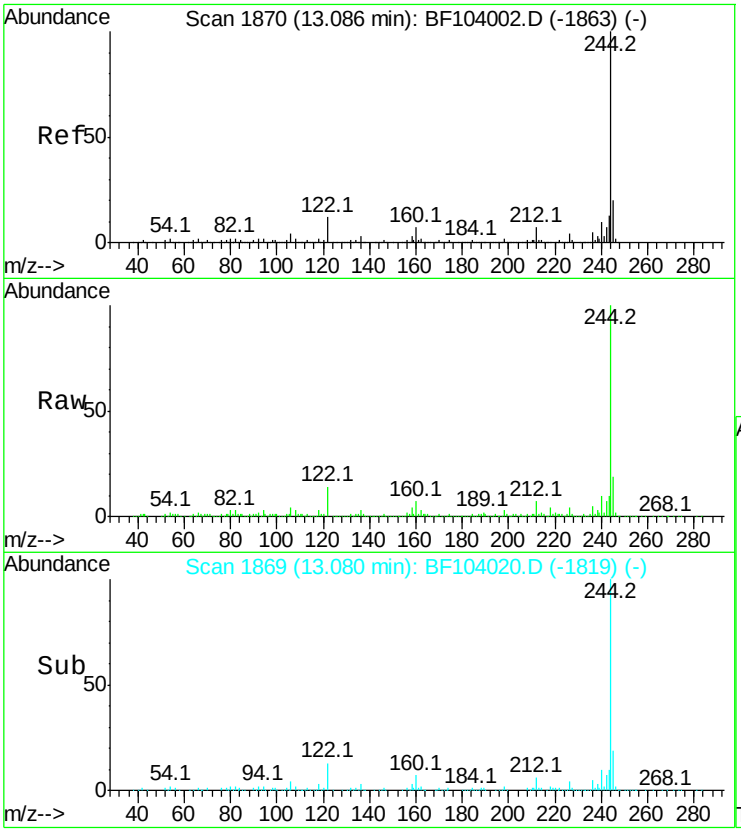


#77
Pyrene
Concen: 91.611 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:202 Resp: 1523107

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.6	14.3	21.5



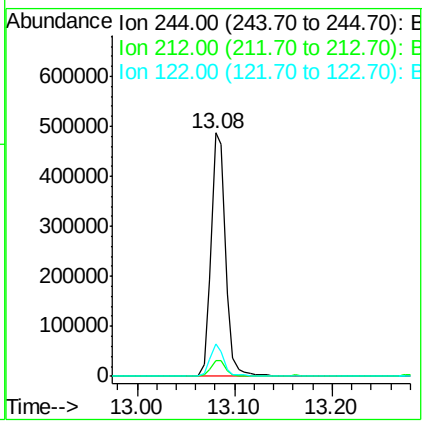


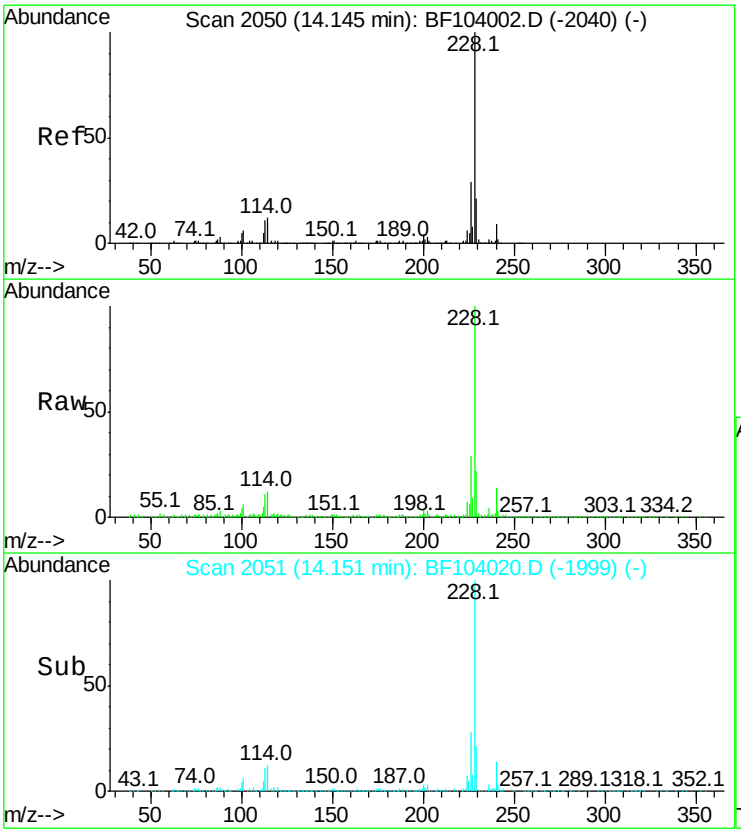
#78
Terphenyl-d14
Concen: 50.021 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 501039

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.5	11.0	16.4

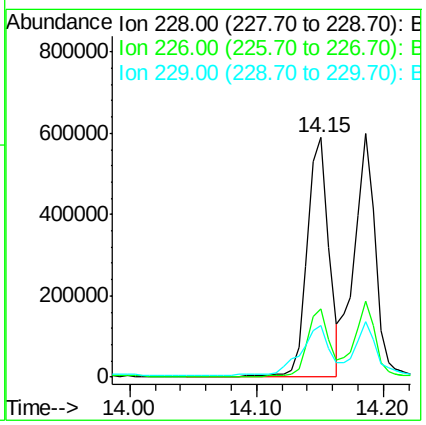


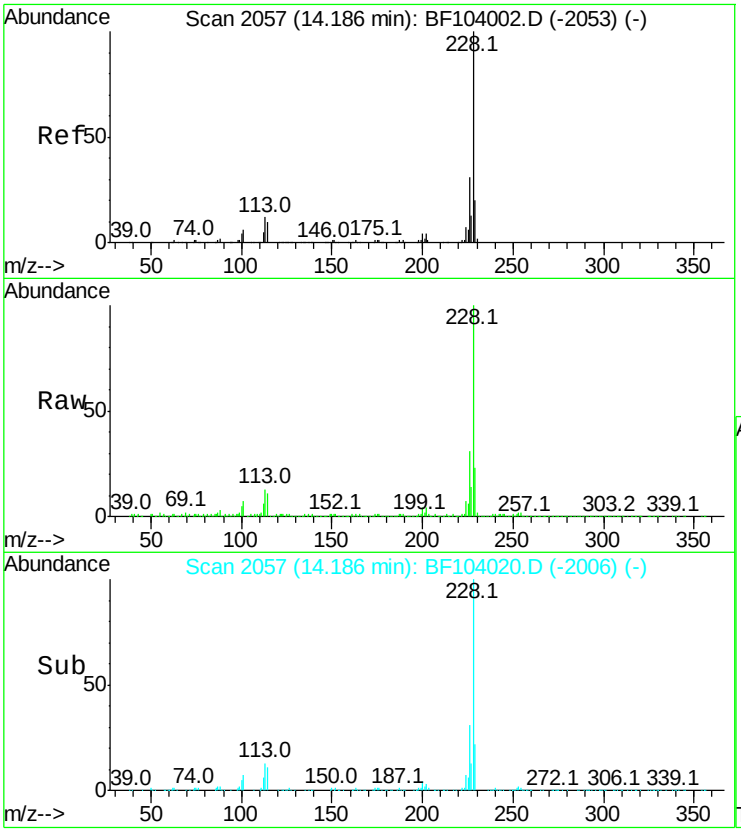


#80
Benzo(a)anthracene
Concen: 47.511 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:228 Resp: 687566

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	21.6	15.8	23.6



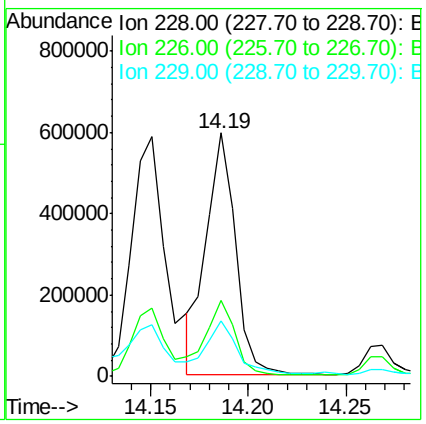


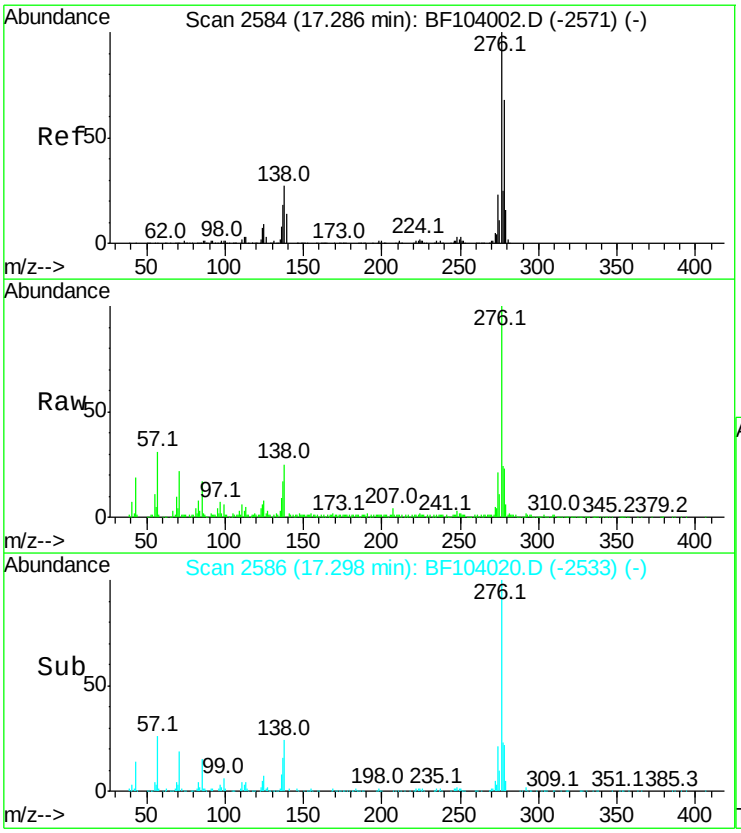
#82
Chrysene
Concen: 44.377 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 629017

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	22.7	16.2	24.4

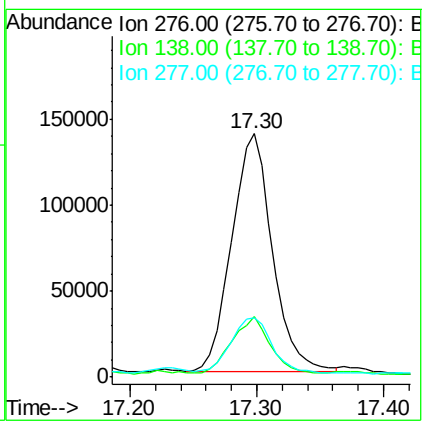


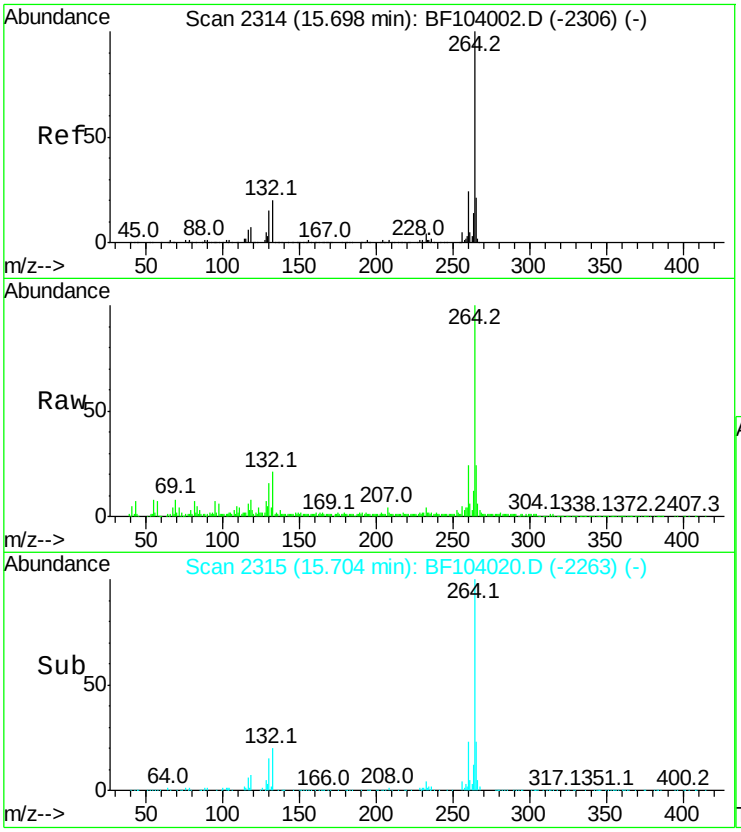


#85
Indeno(1,2,3-cd)pyrene
Concen: 20.831 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:276 Resp: 305973

Ion	Ratio	Lower	Upper
276	100		
138	22.7	25.0	37.6#
277	24.5	20.1	30.1



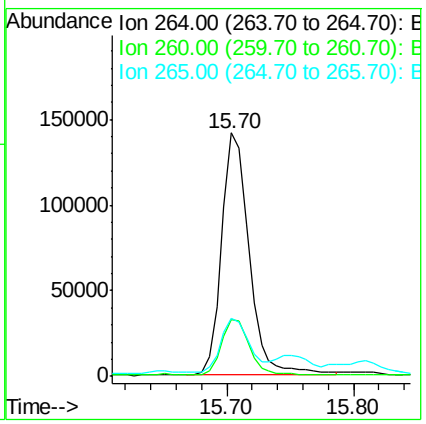


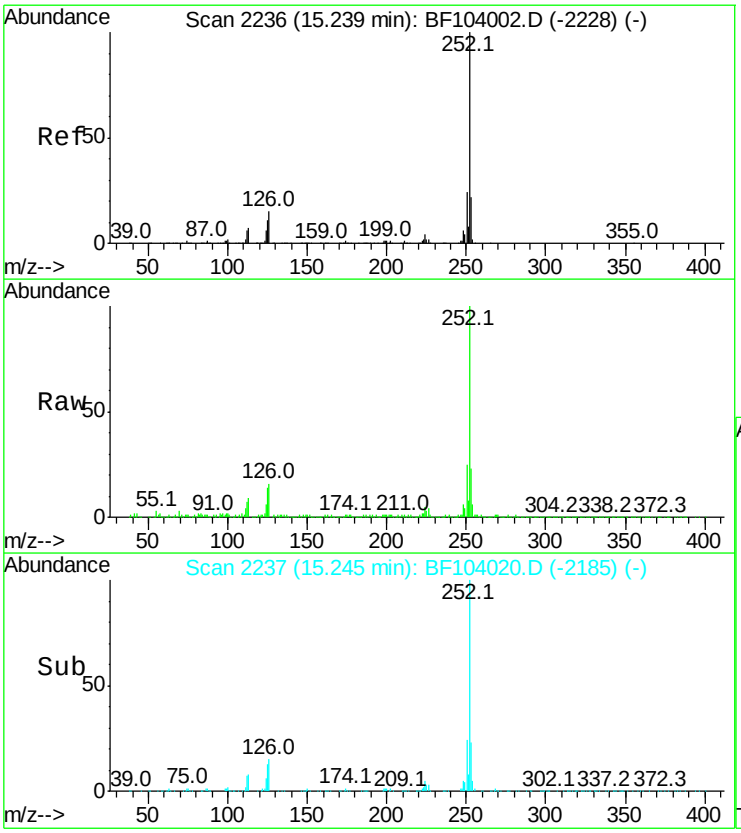
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 212209

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	23.6	17.5	26.3

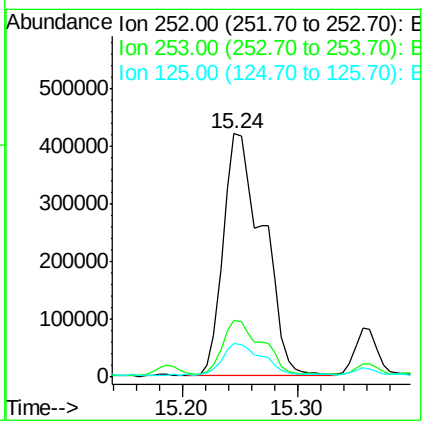


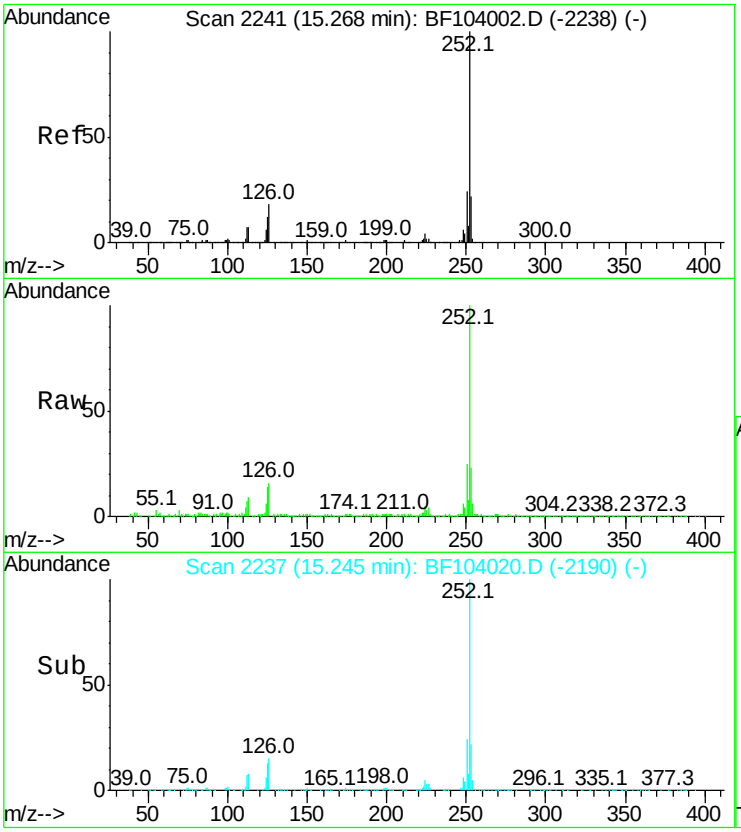


#87
Benzo(b)fluoranthene
Concen: 77.909 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:252 Resp: 1006177

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	13.6	9.0	13.6#



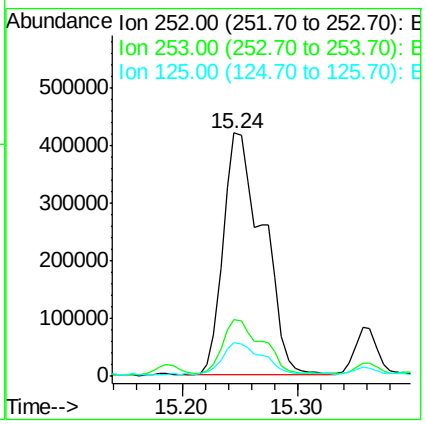


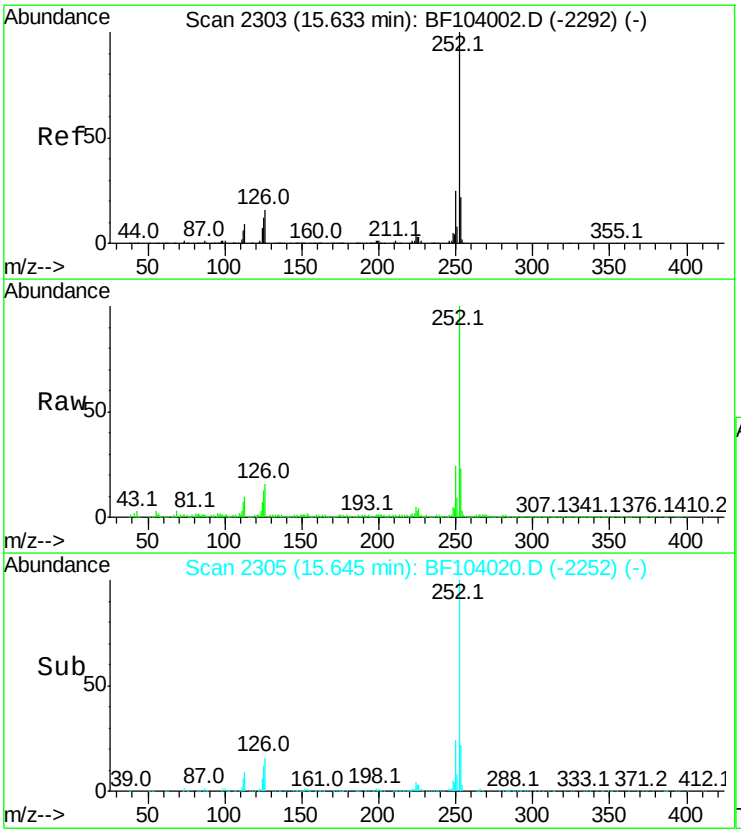
#88
Benzo(k)fluoranthene
Concen: 82.705 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1006177

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	13.6	10.2	15.2

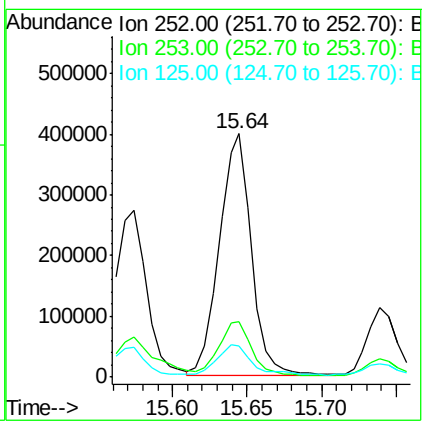


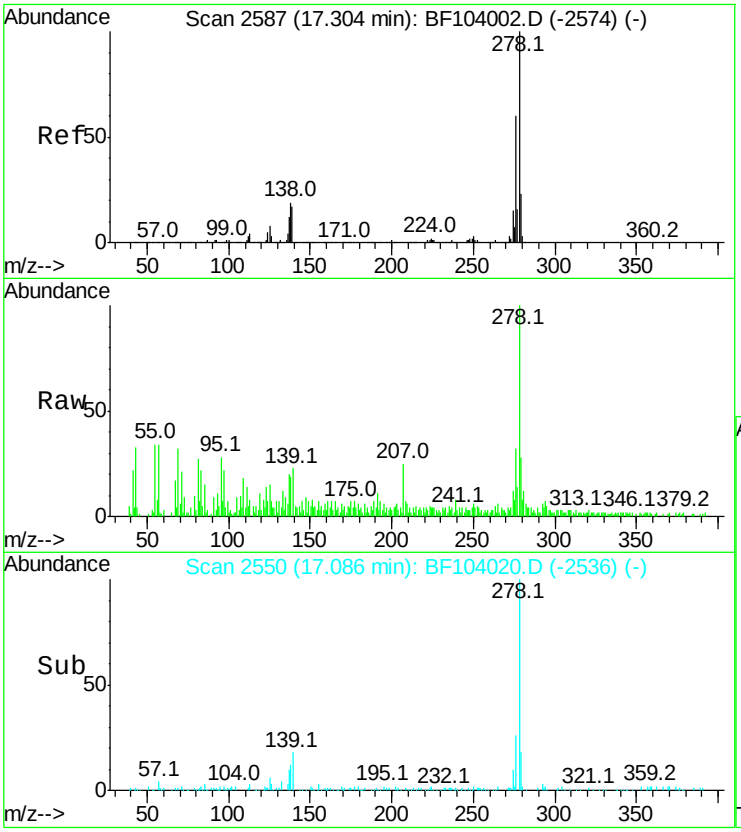


#89
Benzo(a)pyrene
Concen: 49.885 ng
RT: 15.64 min Scan# 2305
Delta R.T. 0.01 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:252 Resp: 597031

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	12.7	9.8	14.6



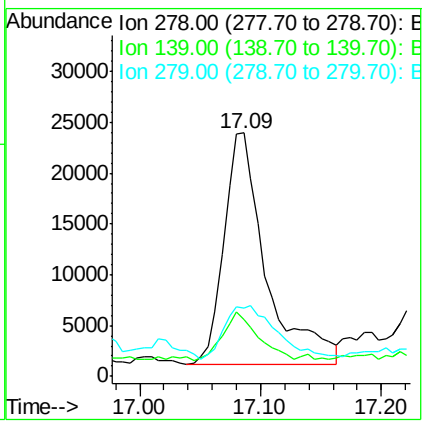


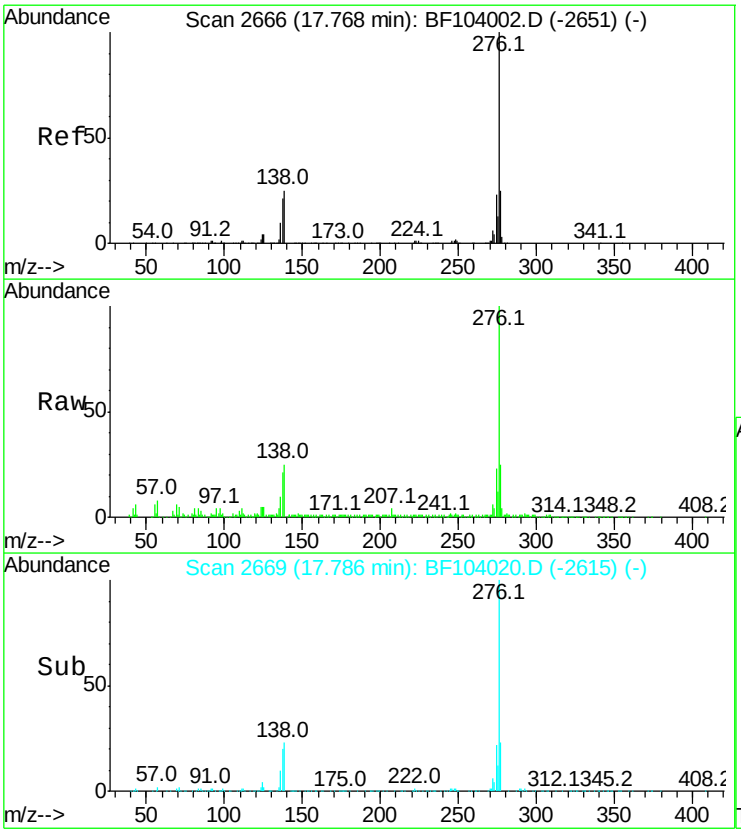
#90
Dibenzo(a,h)anthracene
Concen: 5.001 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.22 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 55335

Ion	Ratio	Lower	Upper
278	100		
139	23.3	15.9	23.9
279	28.1	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 28.885 ng
RT: 17.79 min Scan# 2669
Delta R.T. 0.02 min
Lab File: BF104020.D
Acq: 28 Mar 2018 19:50

Tgt Ion:276 Resp: 320142

Ion	Ratio	Lower	Upper
276	100		
277	25.0	17.9	26.9
138	25.3	21.8	32.8