Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104037.D
Acq On : 29 Mar 2018 6:52
Operator : JU/SJ
Sample : J2071-04DL 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 29 09:08:14 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	129477	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	531626	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	216883	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	307907	20.00	ng		0.00
75) Chrysene-d12	14.16	240	224576	20.00	ng		0.00
86) Perylene-d12	15.70	264	171398	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	389073	47.92	ng		0.00
7) Phenol-d6	6.60	99	524507	52.51	ng		0.00
23) Nitrobenzene-d5	7.53	82	307093	35.33	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	99544	41.22	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	569604	41.41	ng		0.00
78) Terphenyl-d14	13.09	244	351453	36.13	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	38668	6.523	ng	#	77
25) Isophorone	7.53	82	307093	19.169	ng	#	64
49) Dimethylphthalate	9.71	163	54476	3.181	ng		99
50) 2,6-Dinitrotoluene	10.00	165	29169	7.918	ng	#	26
70) Phenanthrene	11.52	178	168040	10.080	ng		97
71) Anthracene	11.58	178	69005	3.963	ng		96
74) Fluoranthene	12.72	202	302690	17.082	ng		97
77) Pyrene	12.95	202	331781	20.552	ng		98
80) Benzo(a)anthracene	14.14	228	190675	13.569	ng		97
82) Chrysene	14.19	228	188176	13.672	ng		96
83) Bis(2-ethylhexyl)phthalate	14.11	149	767557	78.106	ng		99
84) Di-n-octyl phthalate	14.64	149	42526	2.516	ng	#	75
85) Indeno(1,2,3-cd)pyrene	17.29	276	89627	6.284	ng	#	91
87) Benzo(b)fluoranthene	15.24	252	276450	26.502	ng	#	90
88) Benzo(k)fluoranthene	15.24	252	276450	28.134	ng	#	93
89) Benzo(a)pyrene	15.64	252	162547	16.816	ng	#	93
90) Dibenzo(a,h)anthracene	17.30	278	22518	2.520	ng	#	77
91) Benzo(g,h,i)perylene	17.77	276	93122	10.403	ng		95

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

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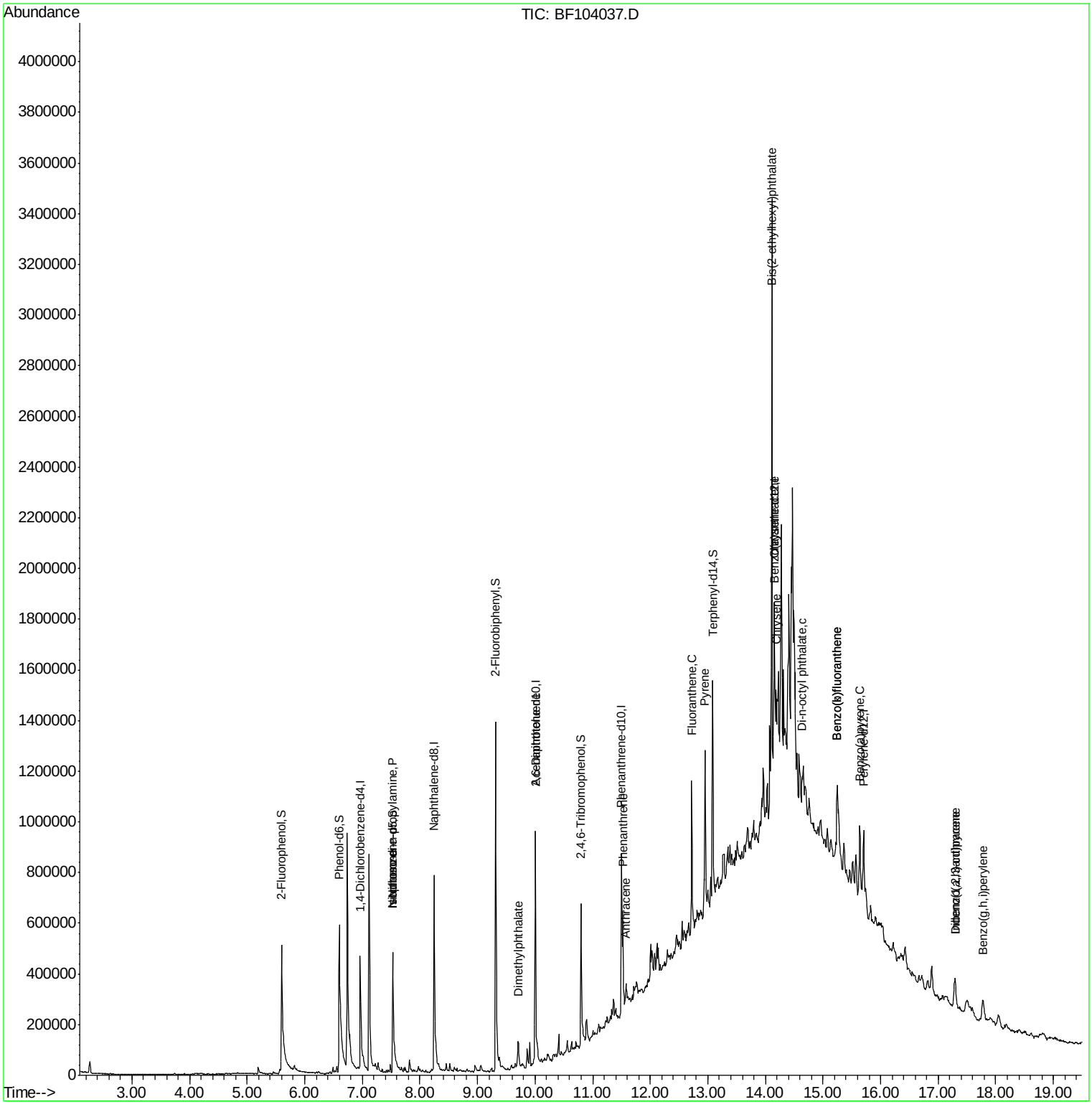
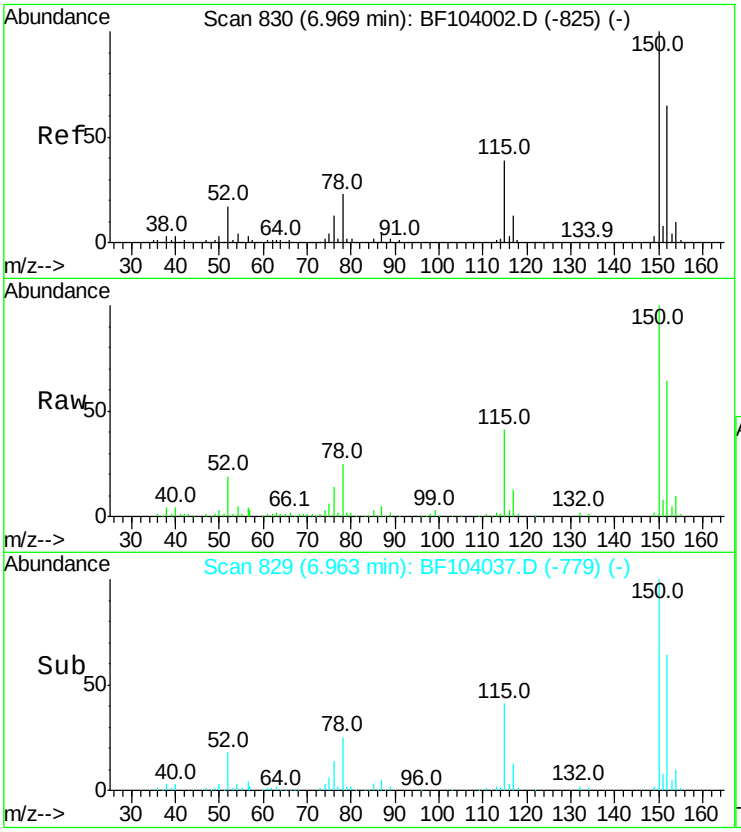


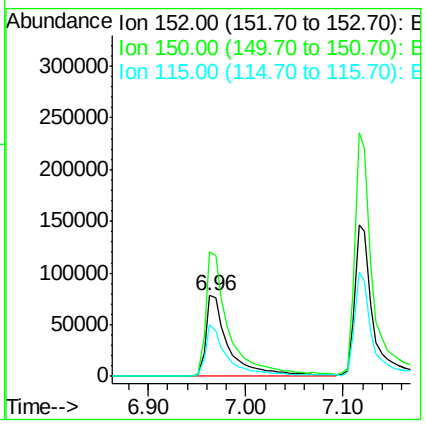


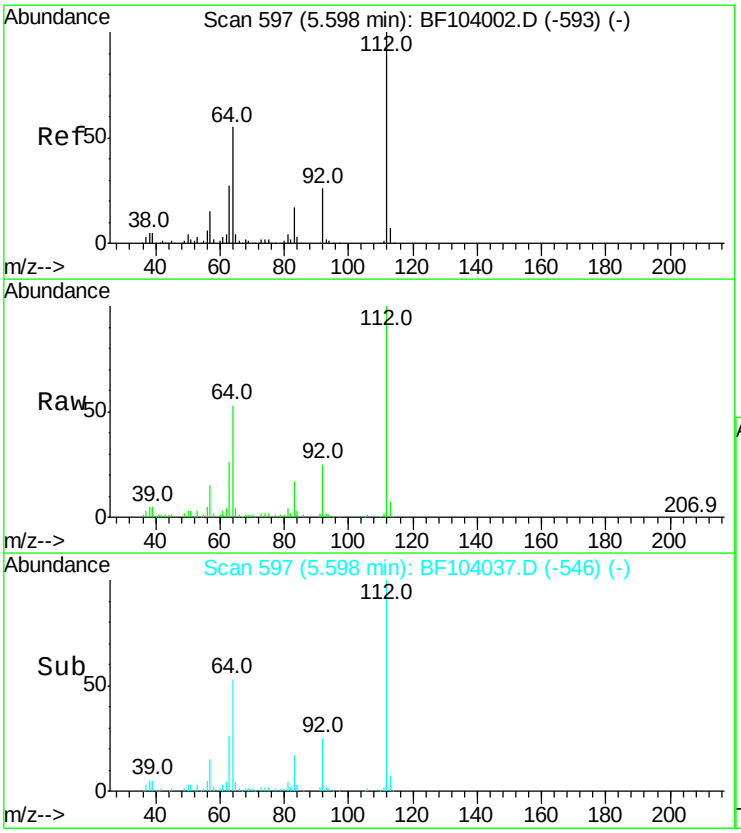
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 129477

Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	63.6	50.1	75.1

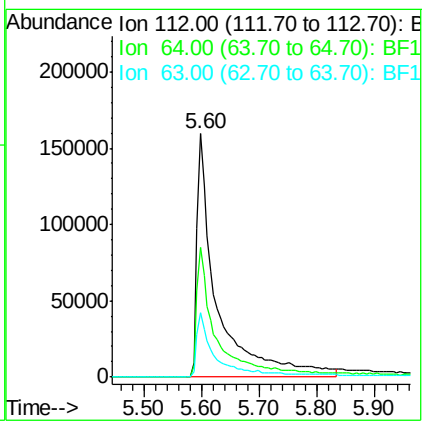


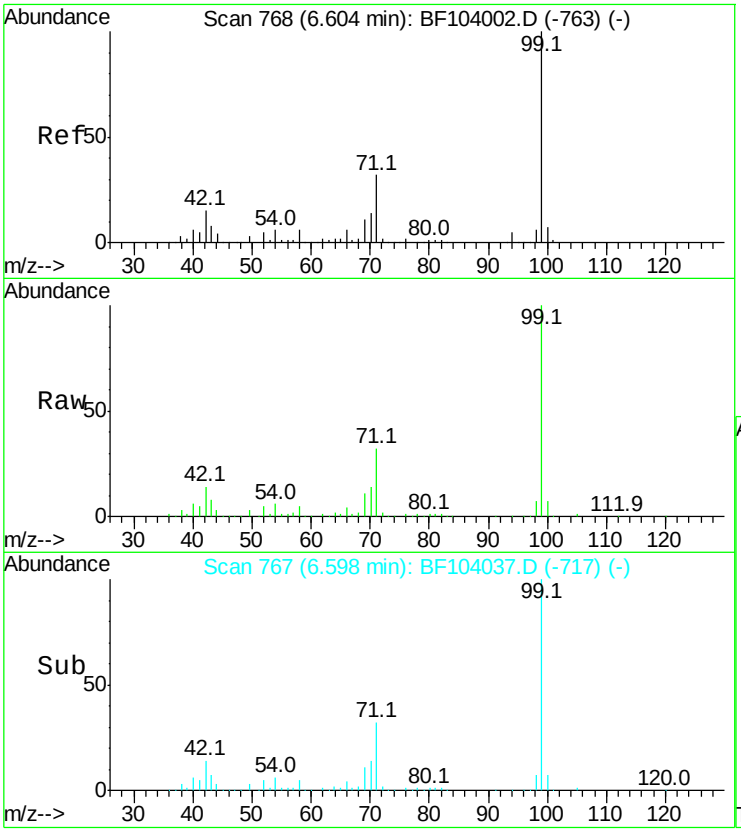


#5
2-Fluorophenol
Concen: 47.922 ng
RT: 5.60 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Tgt Ion:112 Resp: 389073

Ion	Ratio	Lower	Upper
112	100		
64	53.0	47.9	71.9
63	26.2	23.7	35.5



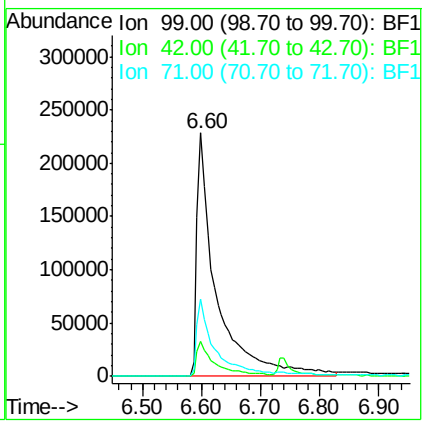


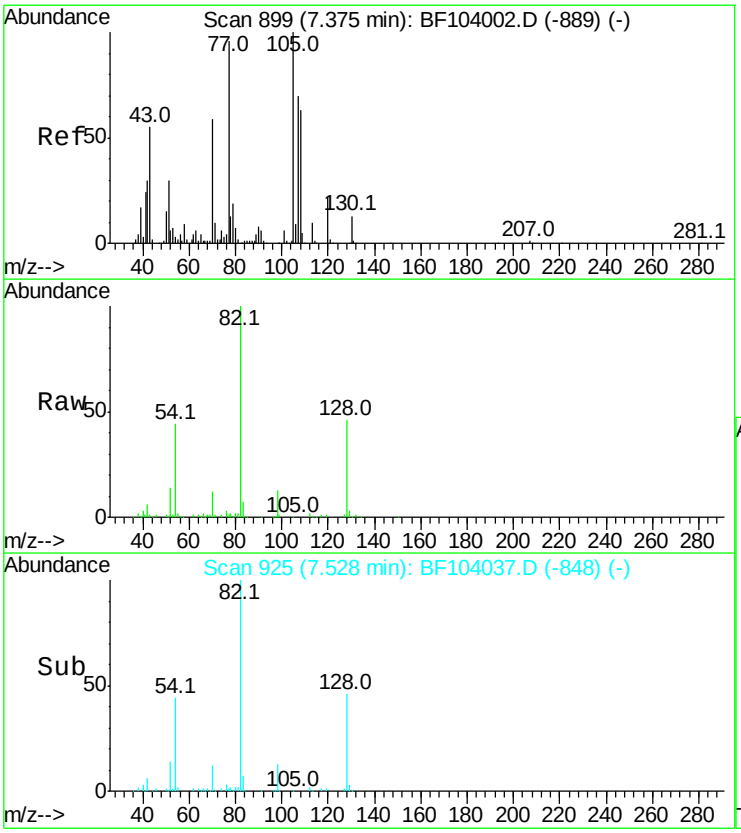
#7
Phenol-d6
Concen: 52.510 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 524507

Ion	Ratio	Lower	Upper
99	100		
42	14.5	14.5	21.7#
71	31.6	25.4	38.0

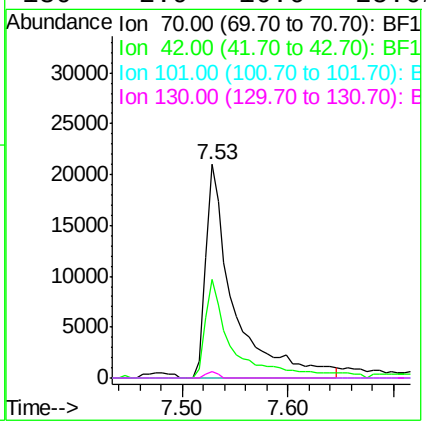


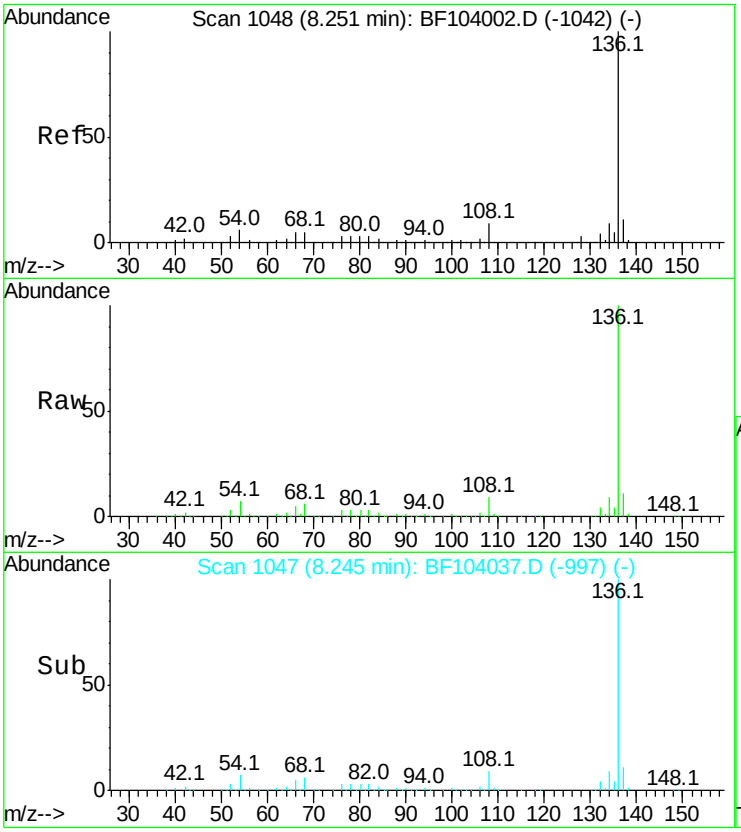


#19
n-Nitroso-di-n-propylamine
Concen: 6.523 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Tgt Ion: 70 Resp: 38668

Ion	Ratio	Lower	Upper
70	100		
42	46.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.9	16.6	25.0#



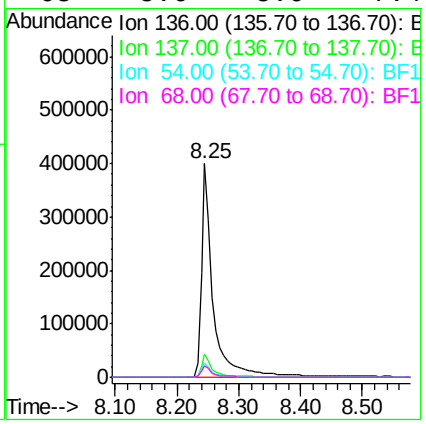


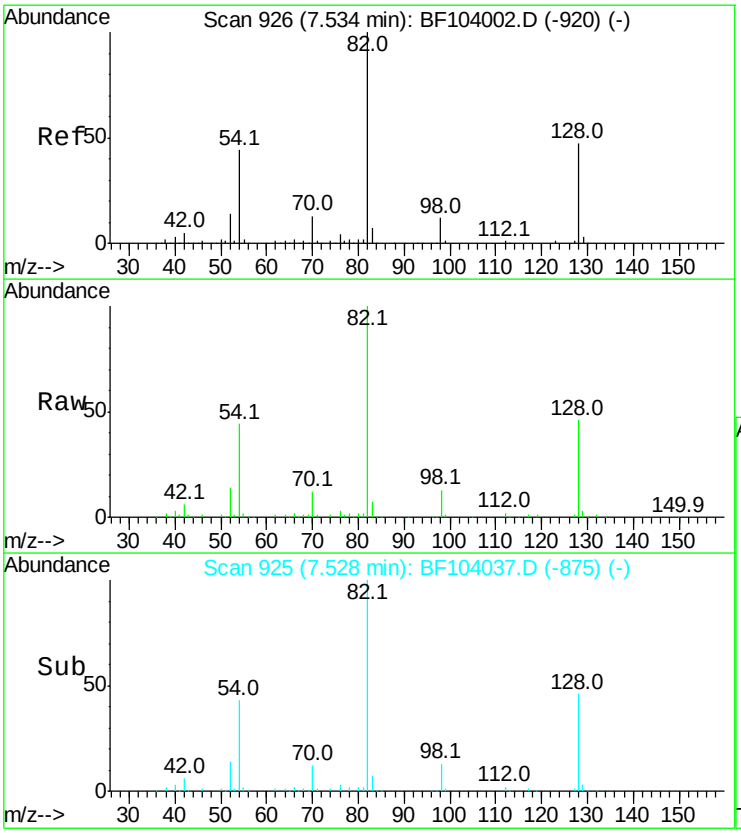
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 531626

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.5	6.6	9.8#
68	5.6	5.0	7.4

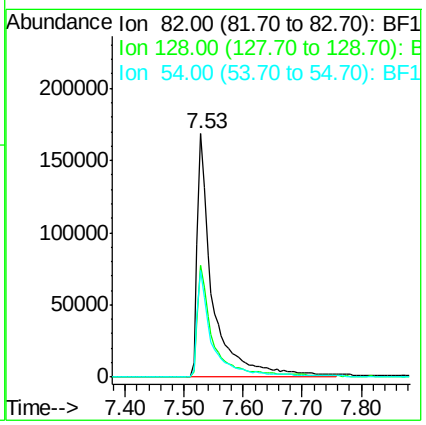


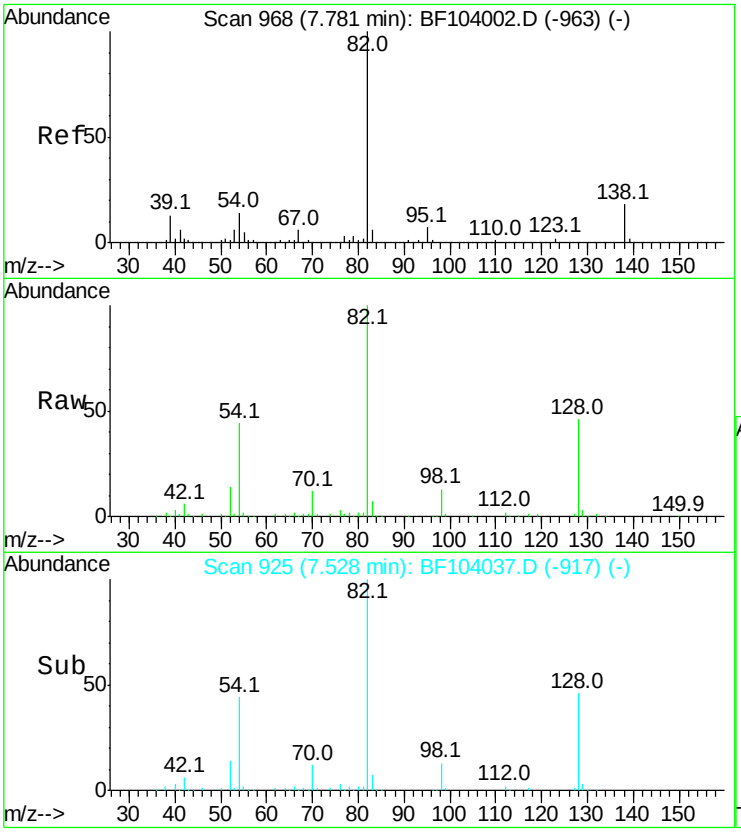


#23
Nitrobenzene-d5
Concen: 35.326 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Tgt Ion: 82 Resp: 307093

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	43.7	41.4	62.2



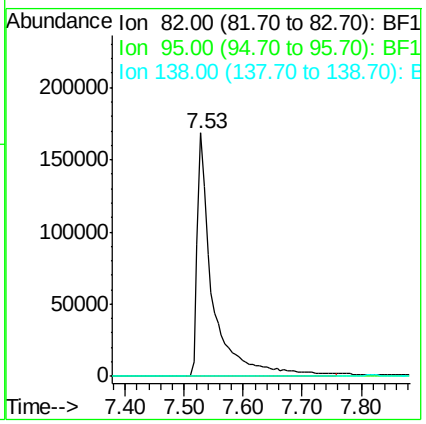


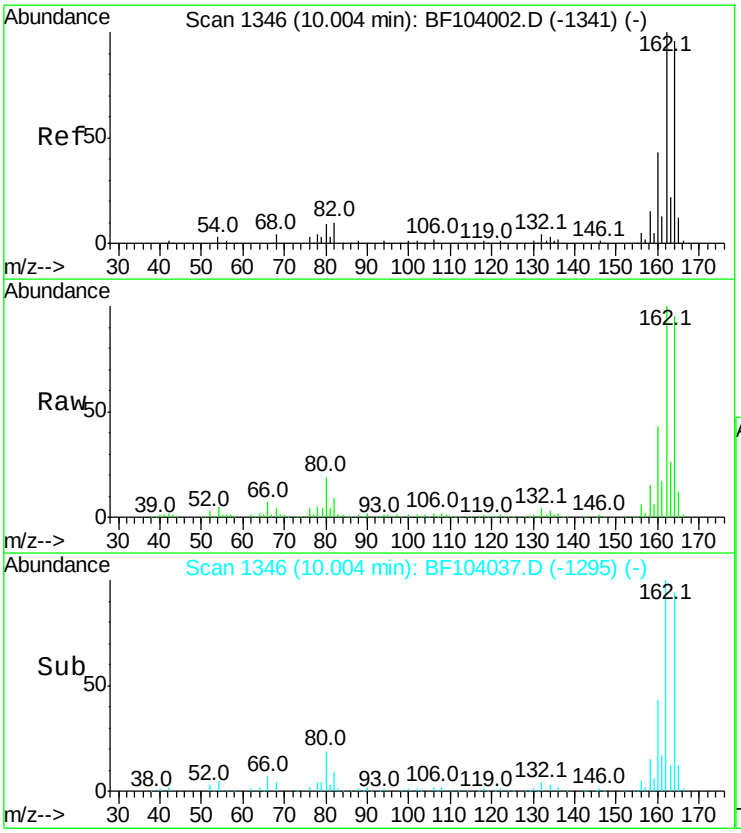
#25
Isophorone
Concen: 19.169 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 307093

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

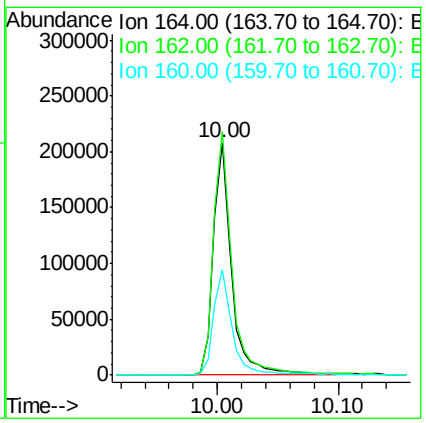


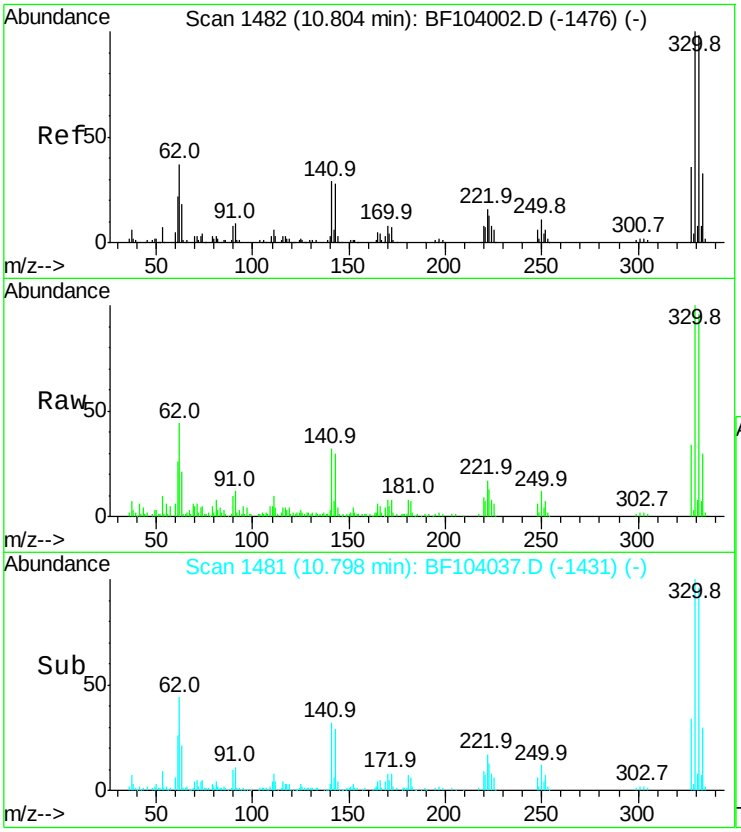


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Tgt Ion:164 Resp: 216883

Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	45.2	38.3	57.5



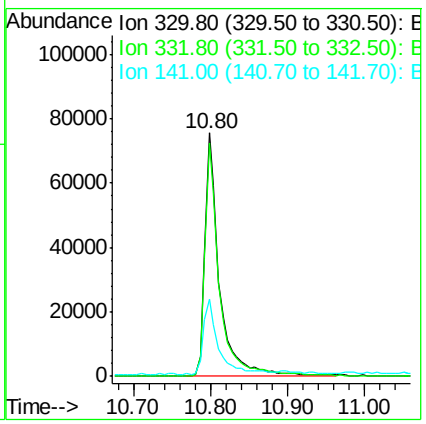


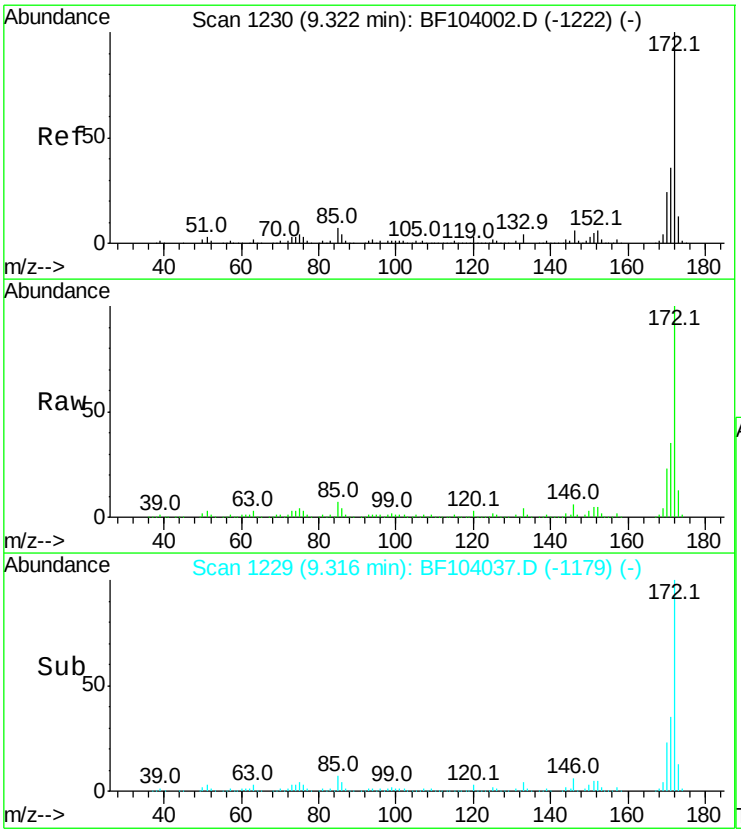
#41
2,4,6-Tribromophenol
Concen: 41.219 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 99544

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	31.1	29.9	44.9

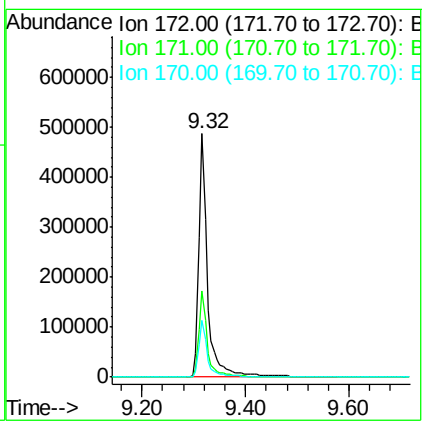


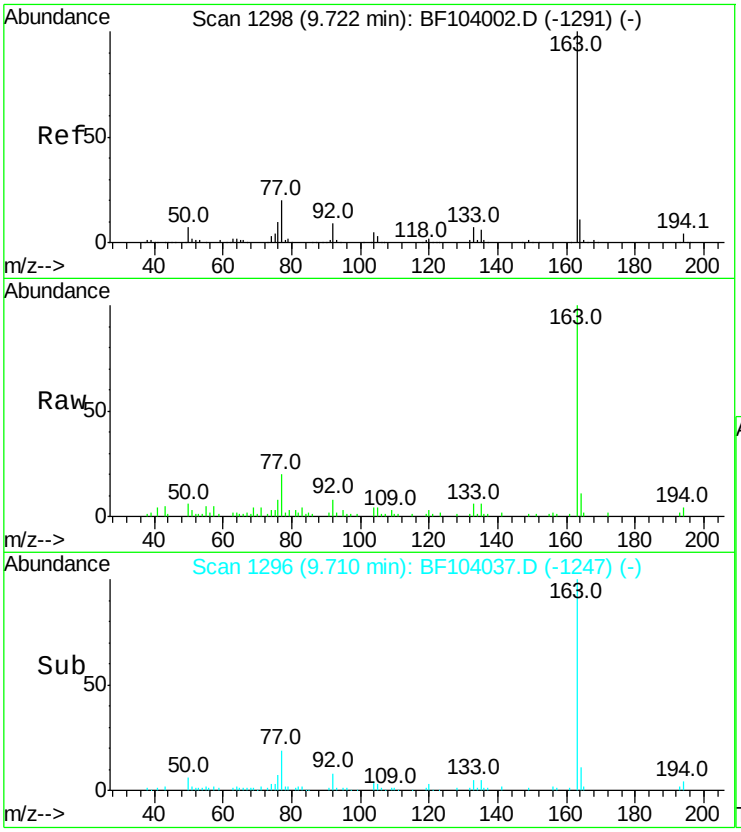


#44
2-Fluorobiphenyl
Concen: 41.415 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Tgt Ion:172 Resp: 569604

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.5	19.6	29.4



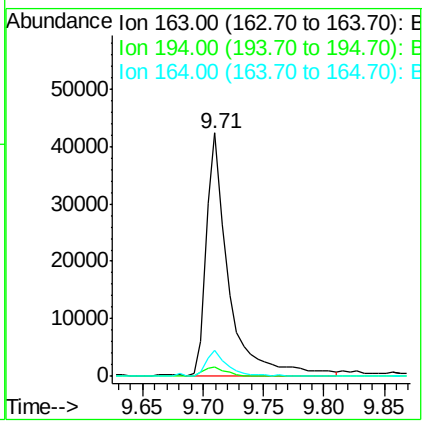


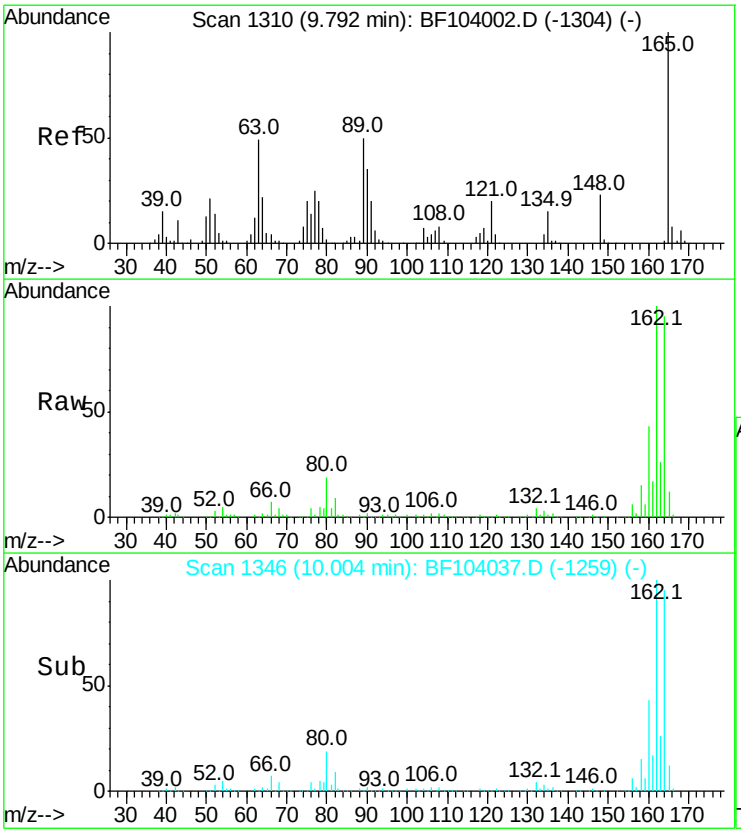
#49
Dimethylphthalate
Concen: 3.181 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 54476

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.6	8.2	12.2

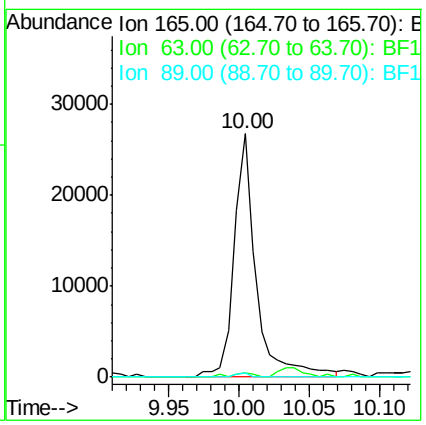


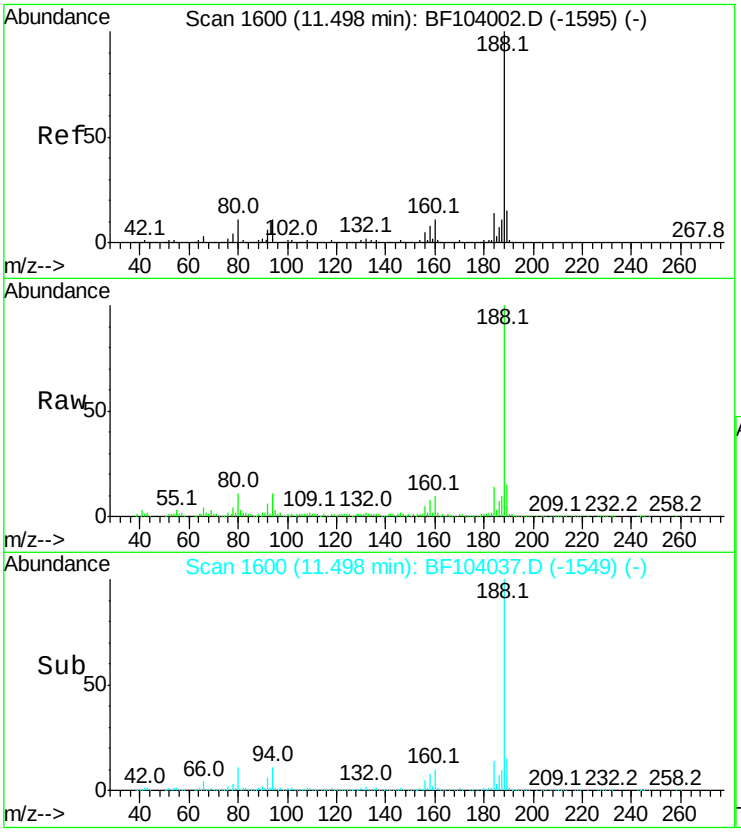


#50
2,6-Dinitrotoluene
Concen: 7.918 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.21 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Tgt Ion:165 Resp: 29169

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.7	67.1#
89	2.0	44.0	66.0#



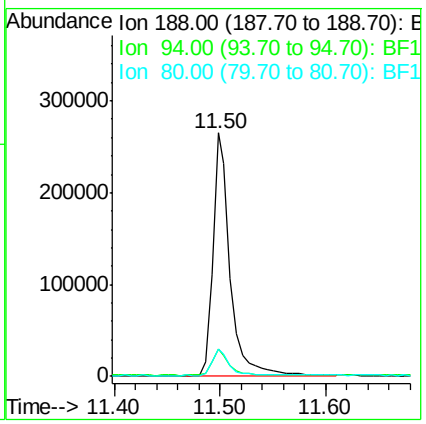


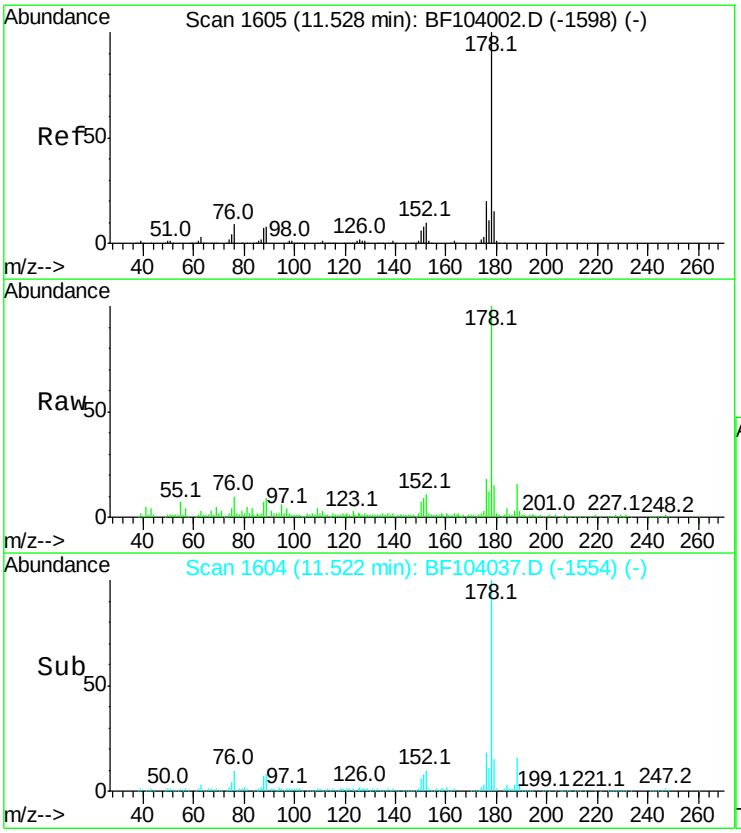
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 307907

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	11.4	9.2	13.8

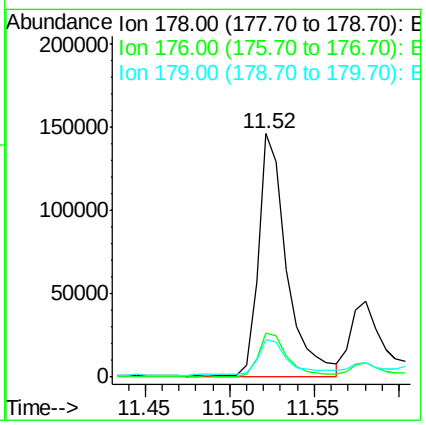


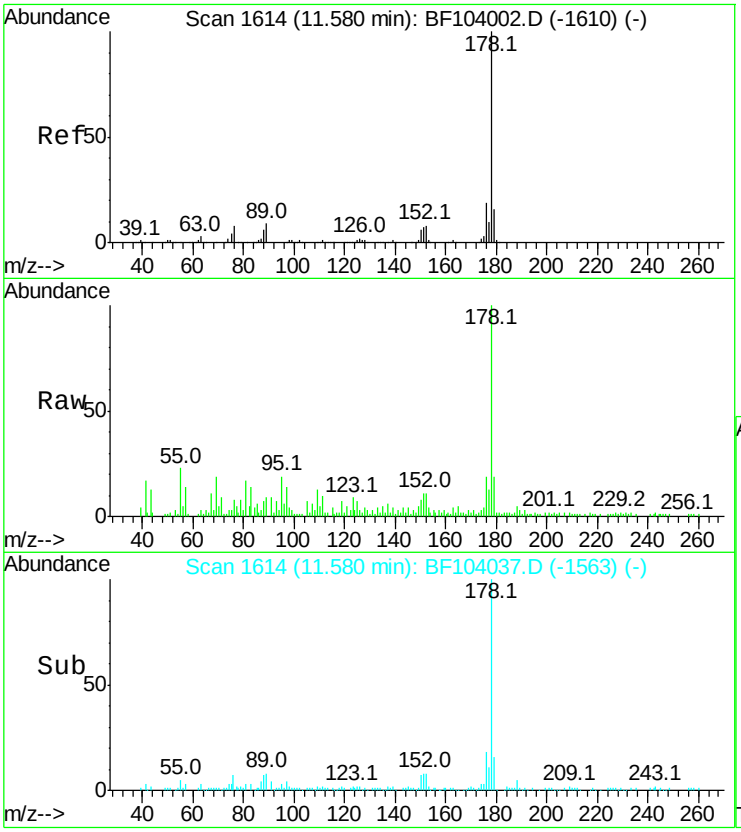


#70
Phenanthrene
Concen: 10.080 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Tgt Ion:178 Resp: 168040

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.8	23.8
179	15.4	13.0	19.6



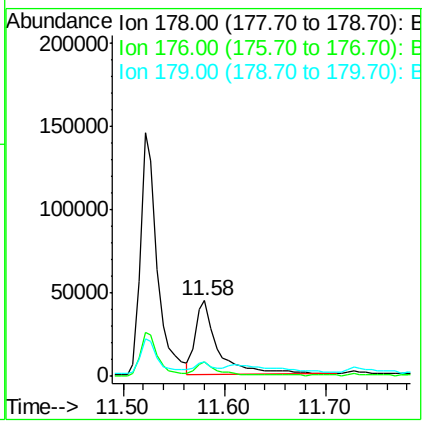


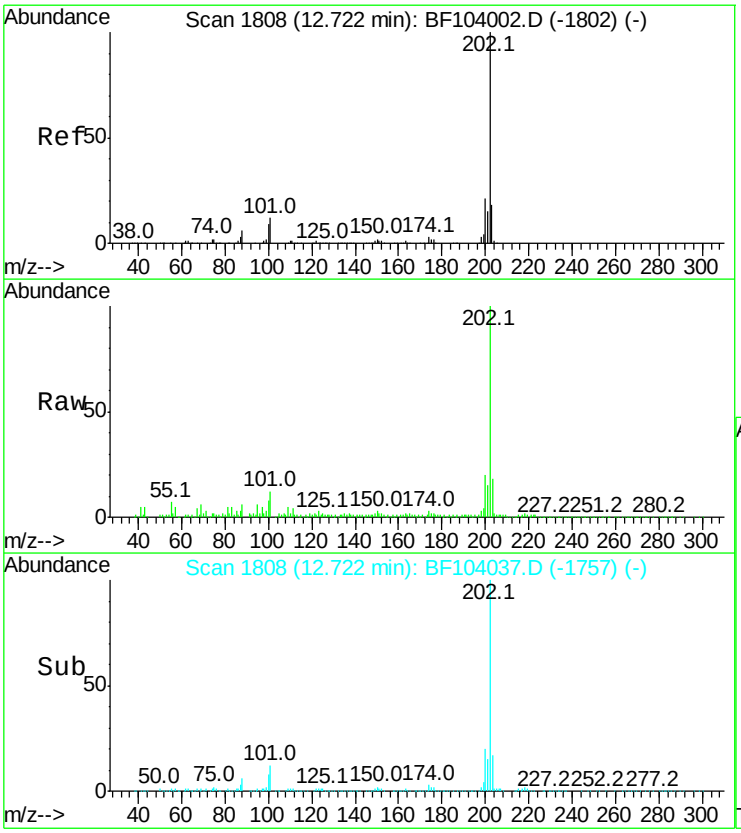
#71
Anthracene
Concen: 3.963 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 69005

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	18.8	12.6	19.0

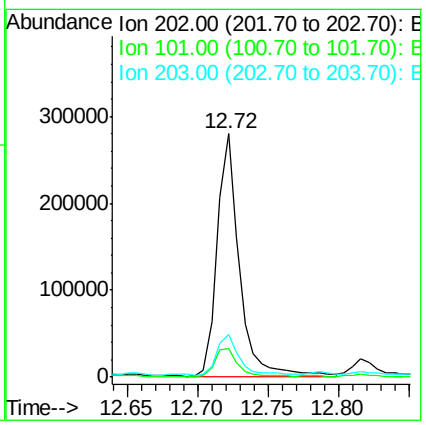


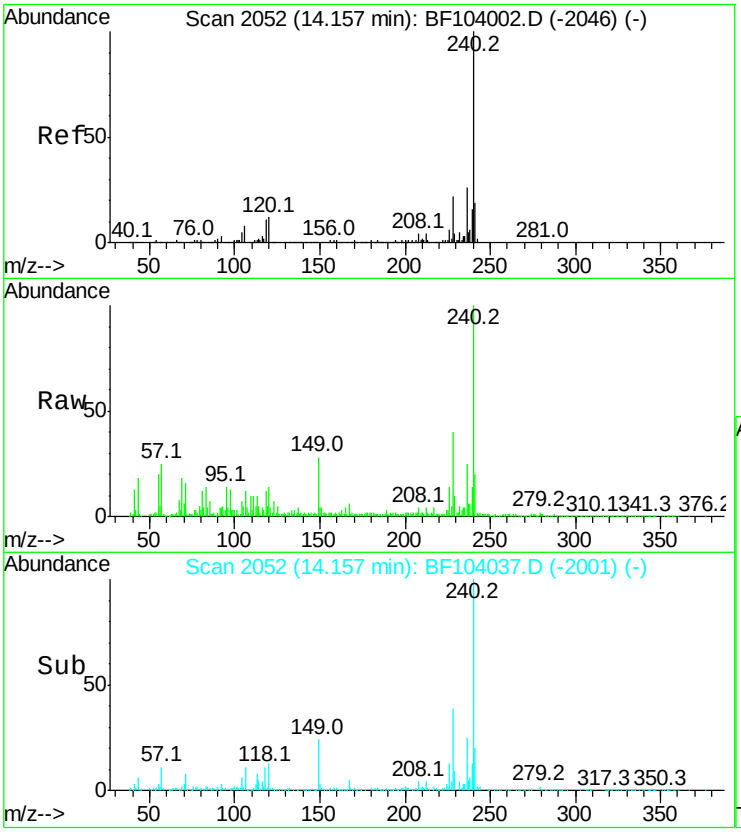


#74
Fluoranthene
Concen: 17.082 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Tgt Ion:202 Resp: 302690

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	34.1
203	17.6	0.0	38.1



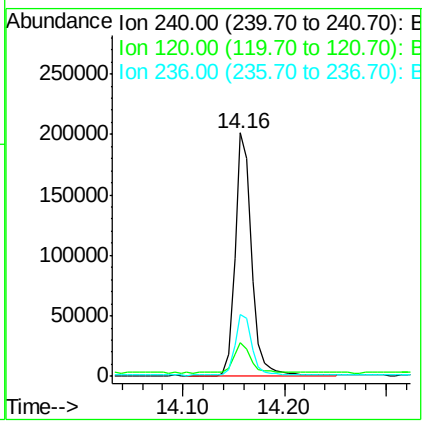


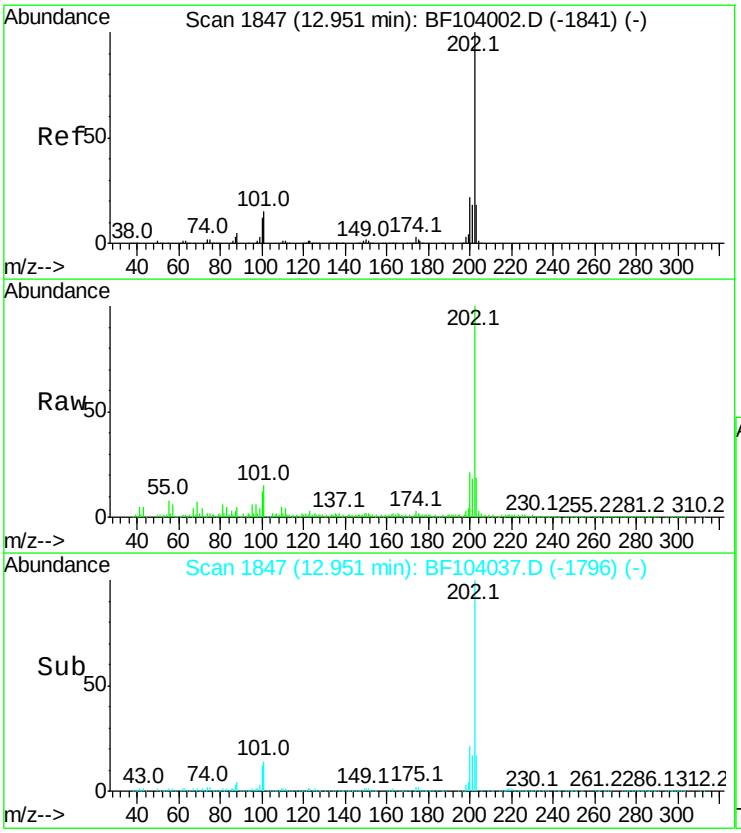
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 224576

Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	25.4	20.7	31.1

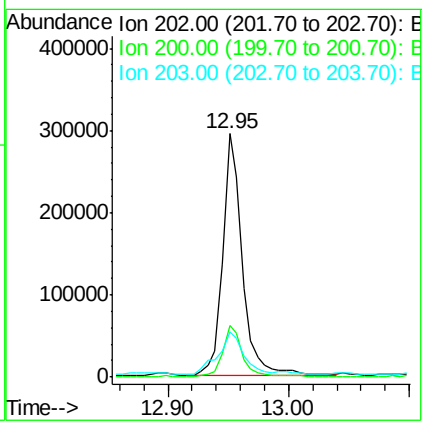


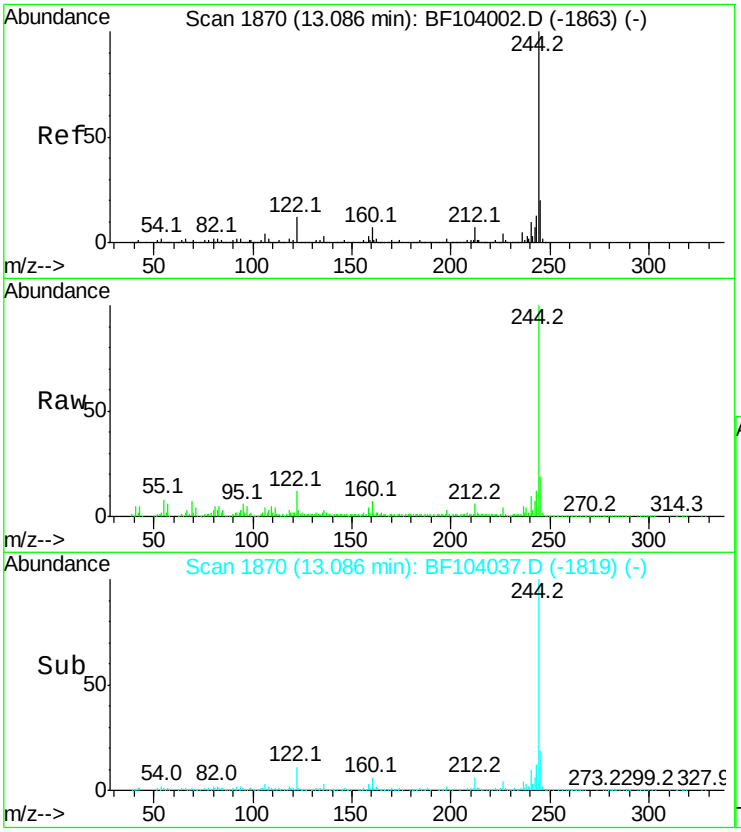


#77
Pyrene
Concen: 20.552 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Tgt Ion:202 Resp: 331781

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	18.6	14.3	21.5



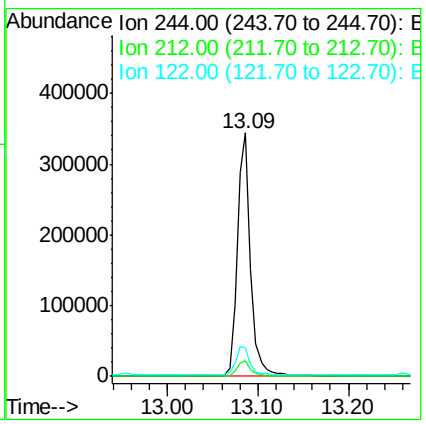


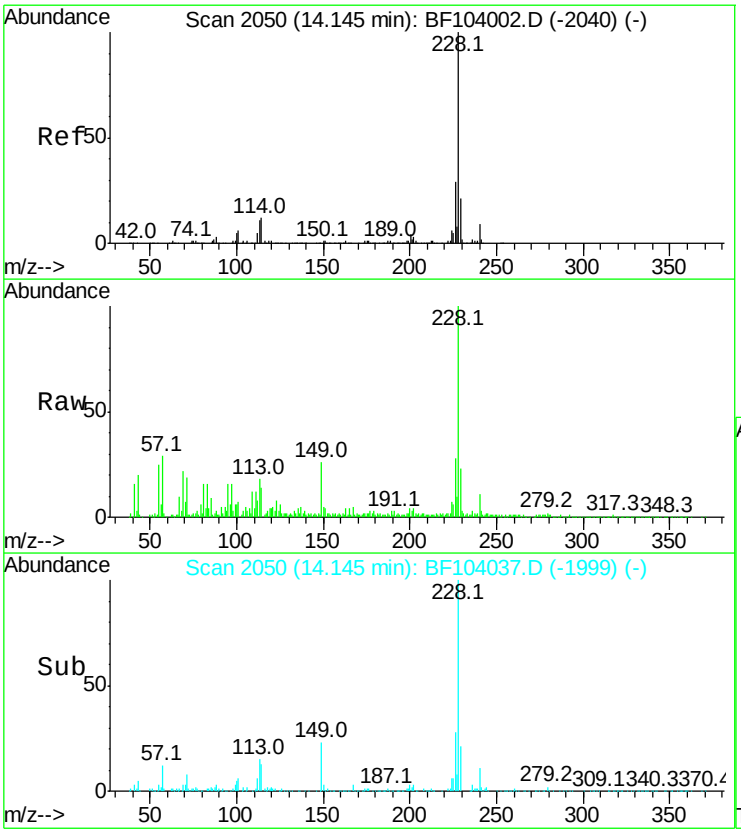
#78
Terphenyl-d14
Concen: 36.134 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 351453

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	11.5	11.0	16.4

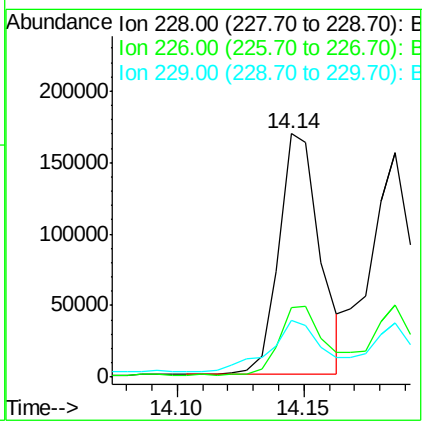


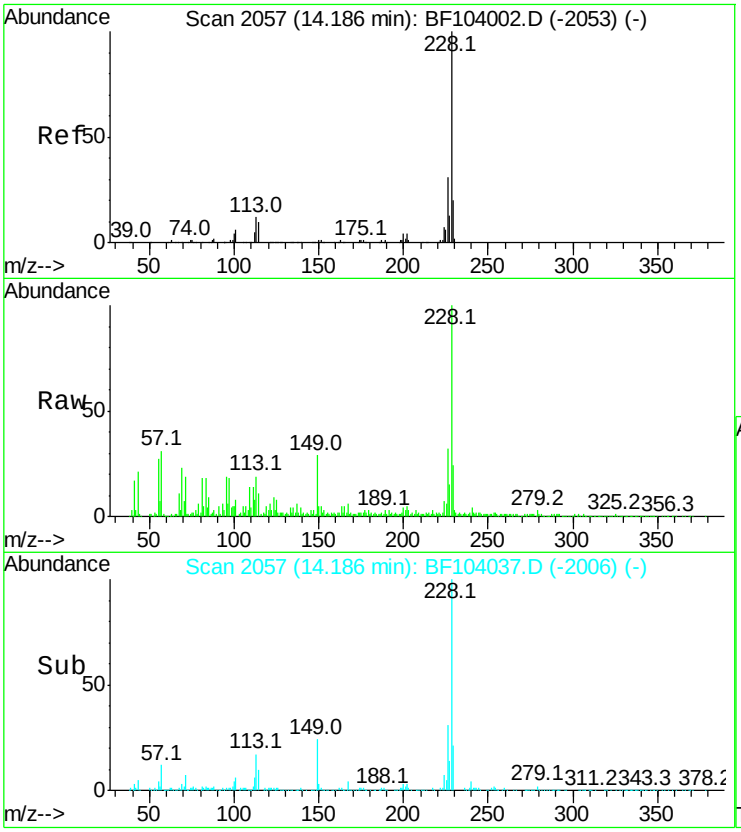


#80
Benzo(a)anthracene
Concen: 13.569 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Tgt Ion:228 Resp: 190675

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	23.1	15.8	23.6



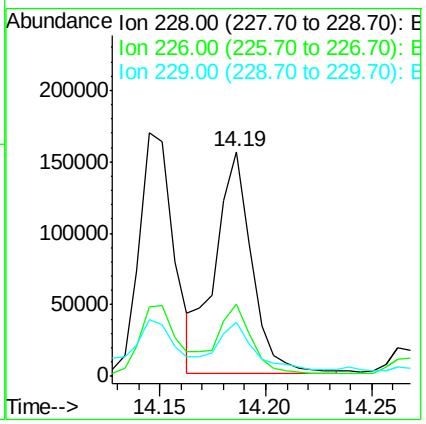


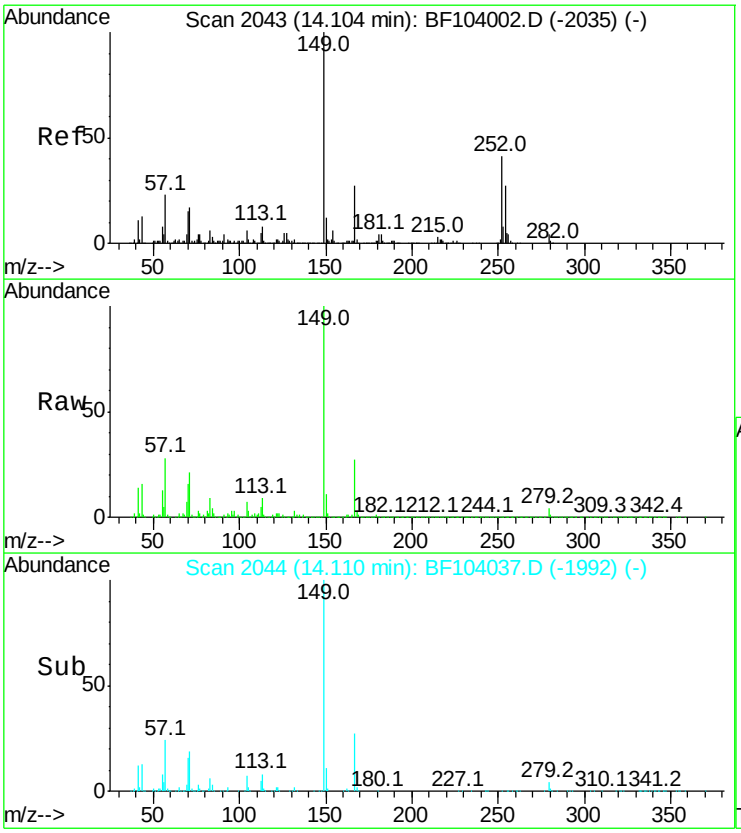
#82
Chrysene
Concen: 13.672 ng
RT: 14.19 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 188176

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	24.0	16.2	24.4

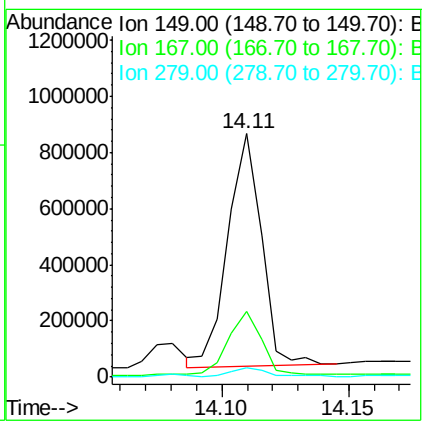


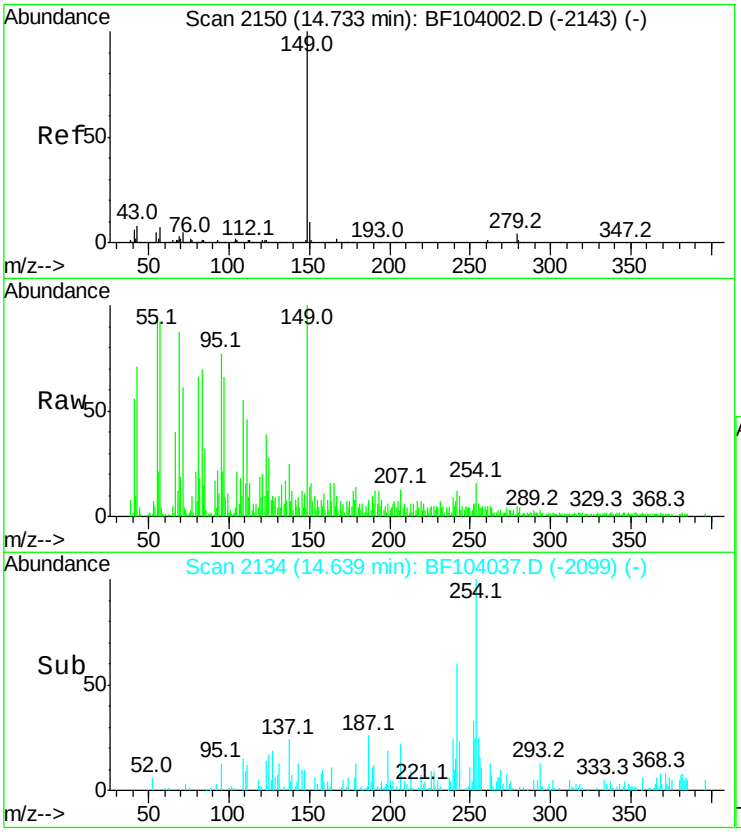


#83
Bis(2-ethylhexyl)phthalate
Concen: 78.106 ng
RT: 14.11 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Tgt Ion:149 Resp: 767557

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.8	3.0	4.4



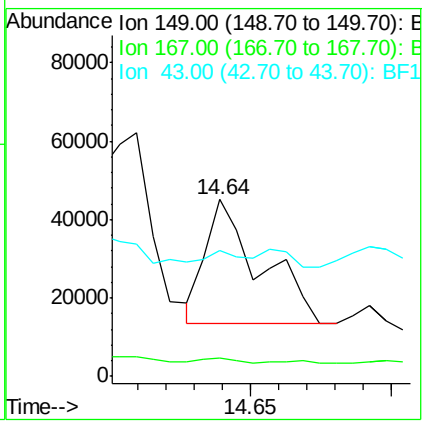


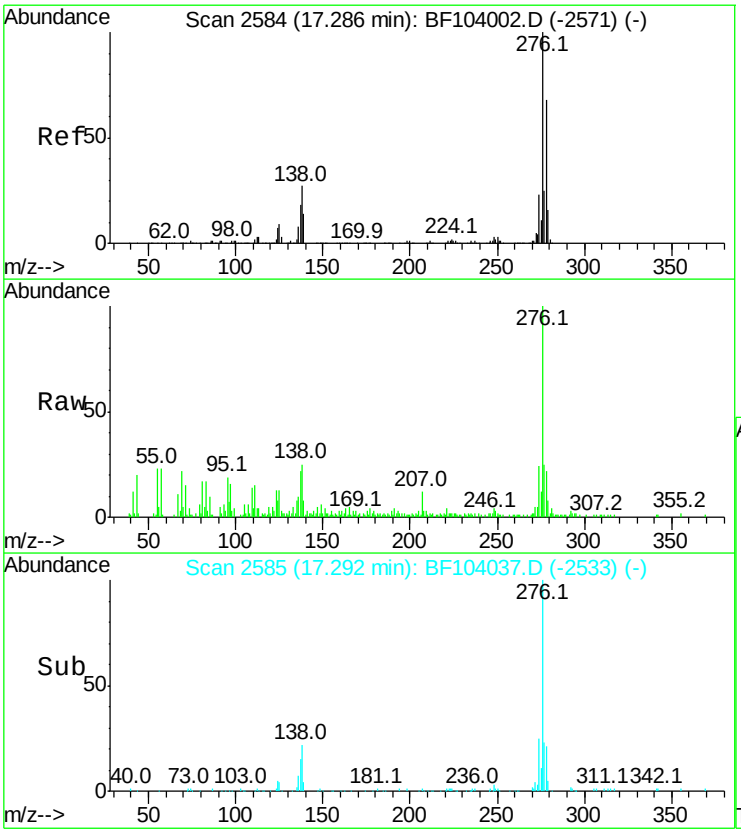
#84
Di-n-octyl phthalate
Concen: 2.516 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.09 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 42526

Ion	Ratio	Lower	Upper
149	100		
167	2.7	1.2	1.8#
43	0.0	8.4	12.6#

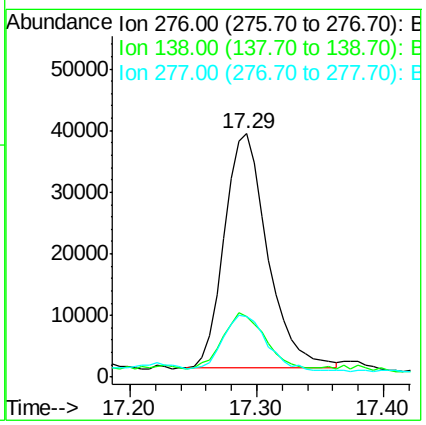


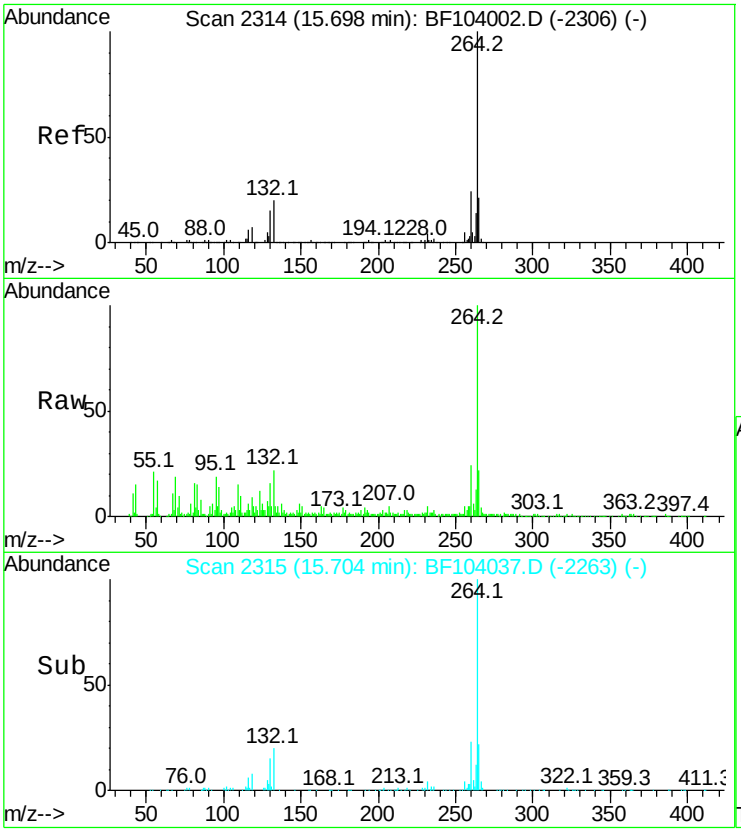


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.284 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Tgt Ion:276 Resp: 89627

Ion	Ratio	Lower	Upper
276	100		
138	23.5	25.0	37.6#
277	24.2	20.1	30.1



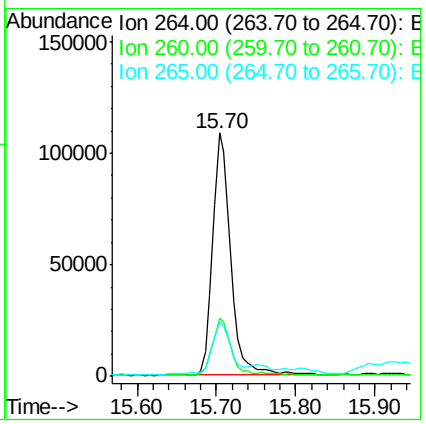


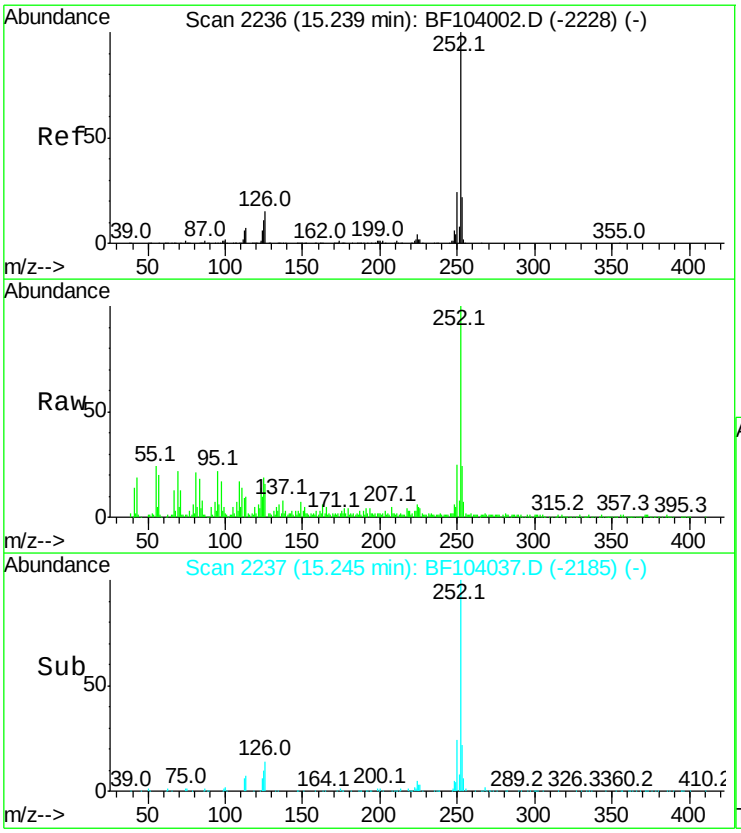
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 171398

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

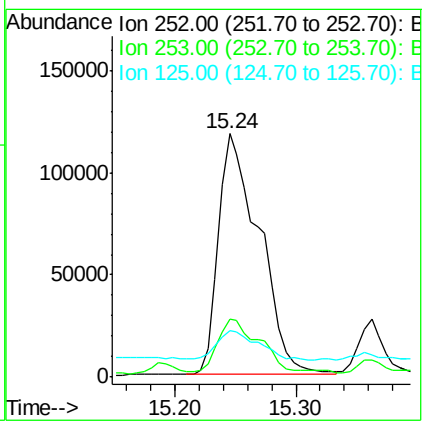


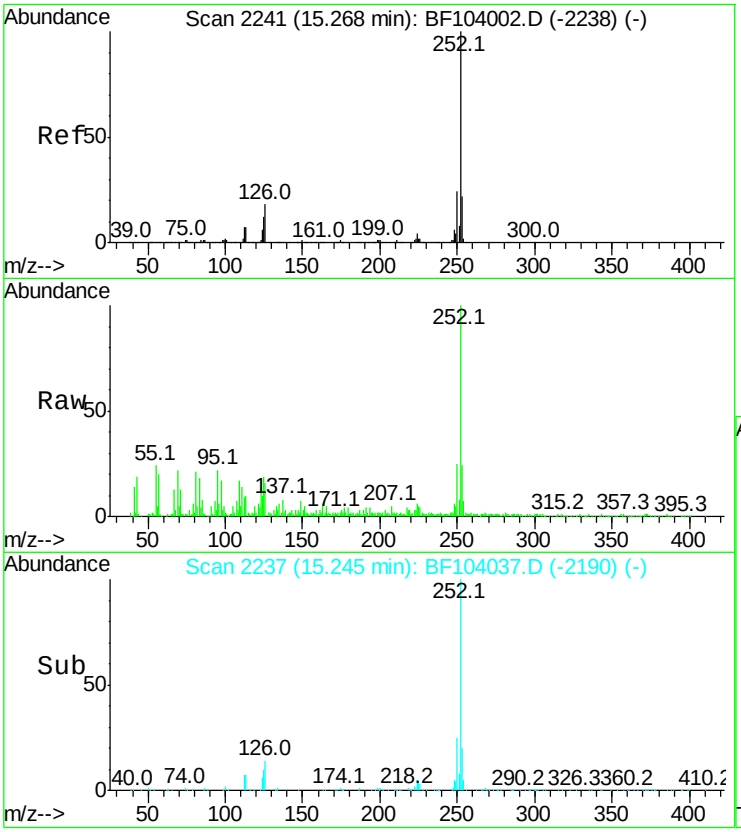


#87
Benzo(b)fluoranthene
Concen: 26.502 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Tgt Ion:252 Resp: 276450

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	18.9	9.0	13.6#



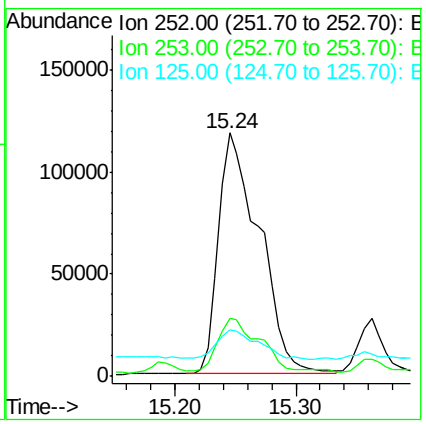


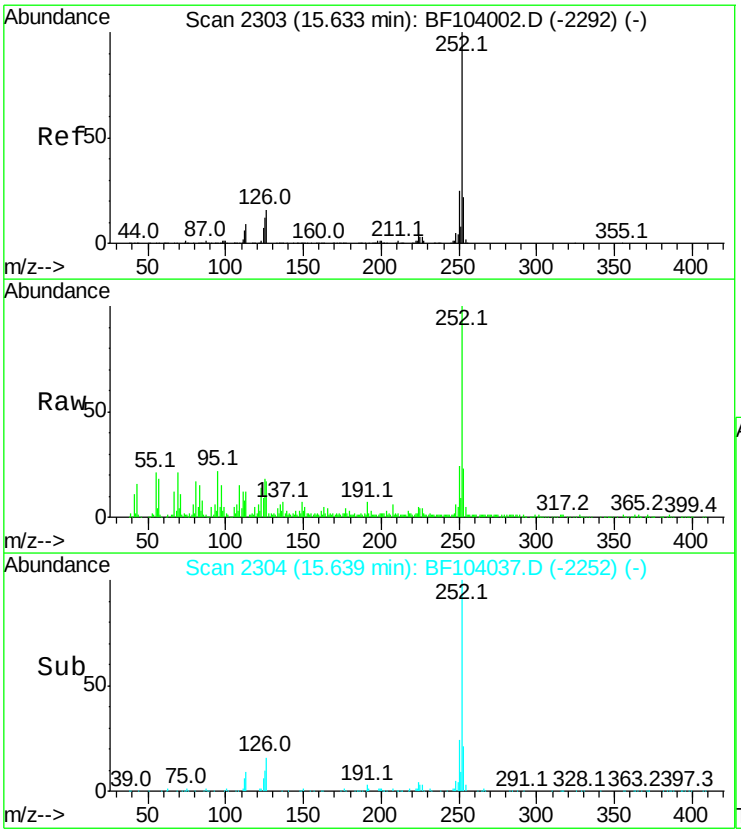
#88
Benzo(k)fluoranthene
Concen: 28.134 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 276450

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	18.9	10.2	15.2#

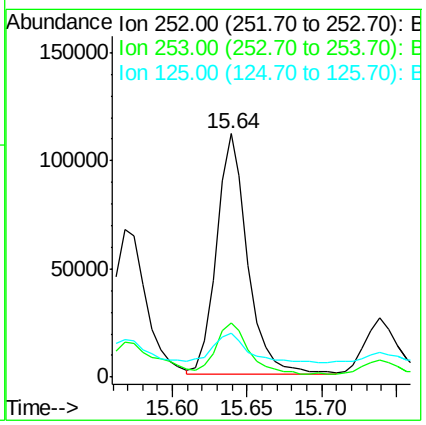


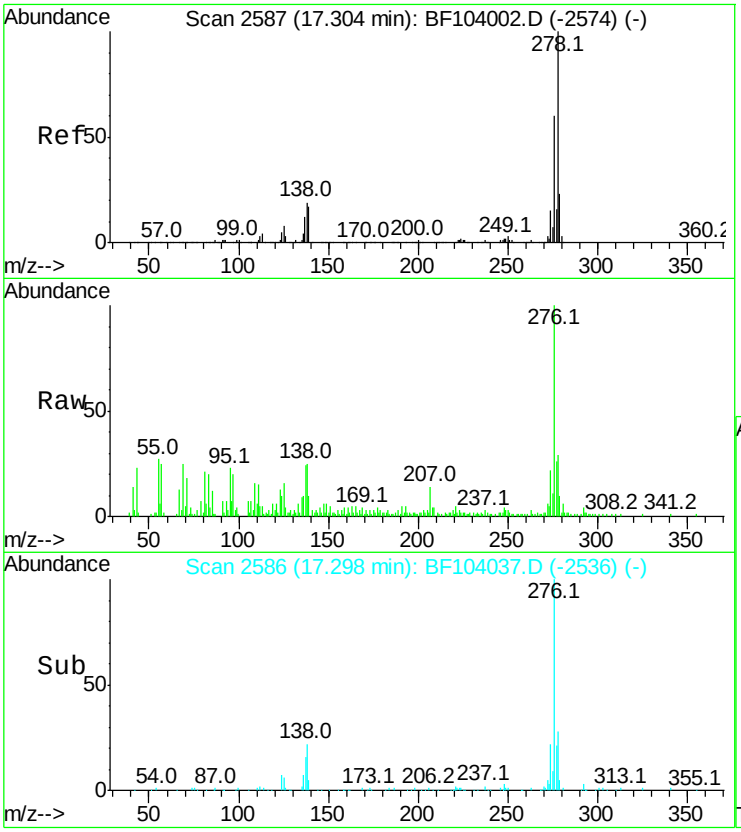


#89
Benzo(a)pyrene
Concen: 16.816 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Tgt Ion:252 Resp: 162547

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	17.9	9.8	14.6#



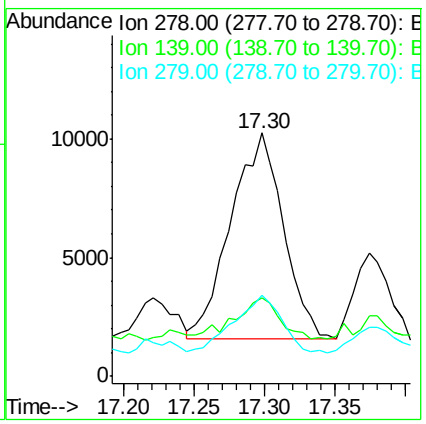


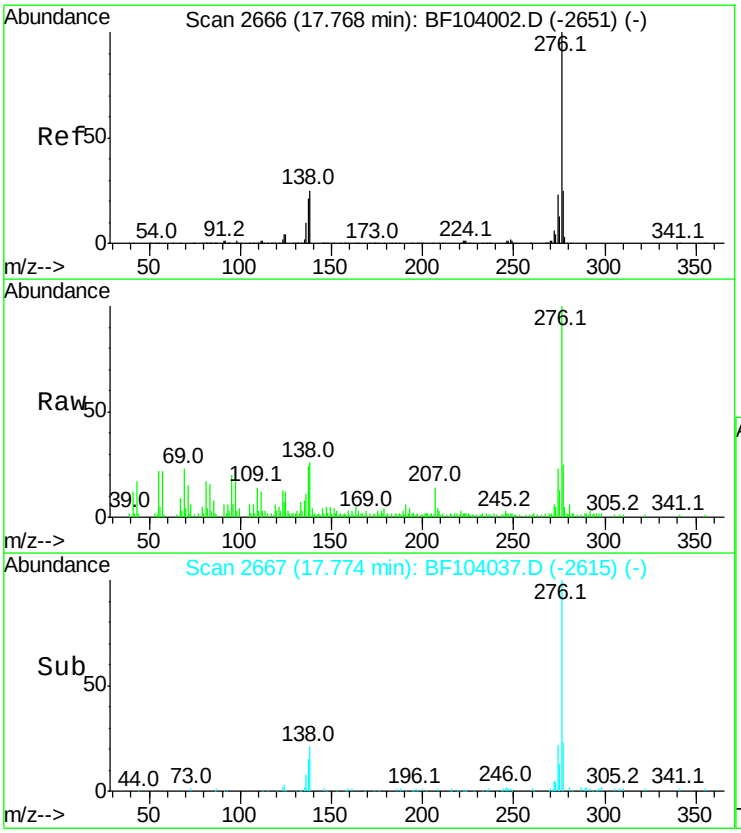
#90
Dibenzo(a,h)anthracene
Concen: 2.520 ng
RT: 17.30 min Scan# 2586
Delta R.T. -0.01 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 22518

Ion	Ratio	Lower	Upper
278	100		
139	32.4	15.9	23.9#
279	33.4	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 10.403 ng
RT: 17.77 min Scan# 2667
Delta R.T. 0.01 min
Lab File: BF104037.D
Acq: 29 Mar 2018 6:52

Tgt Ion:276 Resp: 93122

Ion	Ratio	Lower	Upper
276	100		
277	25.4	17.9	26.9
138	25.5	21.8	32.8