Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104701.D
Acq On : 23 Apr 2018 11:34
Operator : JU/SJ
Sample : J2161-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 23 15:39:17 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115546	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	446563	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	175556	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	280534	20.00	ng		0.00
75) Chrysene-d12	13.98	240	237653	20.00	ng		0.00
86) Perylene-d12	15.46	264	170800	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	716202	94.78	ng		0.01
7) Phenol-d6	6.45	99	841919	90.68	ng		0.00
23) Nitrobenzene-d5	7.37	82	516992	75.60	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	165992	91.15	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	855148	76.95	ng		0.00
78) Terphenyl-d14	12.92	244	699322	67.09	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.45	77	1407	Below Cal		#	1
19) n-Nitroso-di-n-propylamine	7.37	70	68078	11.221	ng	#	74
25) Isophorone	7.37	82	516992	35.749	ng	#	64
49) Dimethylphthalate	9.56	163	58500	4.226	ng		100
50) 2,6-Dinitrotoluene	9.85	165	23489	9.169	ng	#	27
51) Acenaphthene	9.87	154	25441	2.281	ng		97
55) 4-Nitrophenol	10.05	139	8121	3.447	ng	#	18
56) 2,4-Dinitrotoluene	9.85	165	23489	6.990	ng	#	24
57) Fluorene	10.39	166	39622	3.503	ng		99
64) 4,6-Dinitro-2-methylphenol	10.64	198	296	7.531	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	10290	3.448	ng	#	1
70) Phenanthrene	11.36	178	293830	18.808	ng		99
71) Anthracene	11.41	178	77521	4.881	ng		99
72) Carbazole	11.57	167	44458	2.865	ng		99
74) Fluoranthene	12.55	202	384292	23.543	ng		98
76) Benzidine	12.63	184	679	Below Cal		#	1
77) Pyrene	12.78	202	337134	19.138	ng		99
80) Benzo(a)anthracene	13.97	228	148045	10.427	ng		97
82) Chrysene	14.01	228	147582	10.120	ng		97
85) Indeno(1,2,3-cd)pyrene	16.92	276	51210	4.134	ng		94
87) Benzo(b)fluoranthene	15.03	252	182498	16.918	ng	#	85
88) Benzo(k)fluoranthene	15.03	252	182498	17.920	ng	#	88
89) Benzo(a)pyrene	15.39	252	90120	9.337	ng	#	88
91) Benzo(g,h,i)perylene	17.36	276	53988	7.030	ng	#	94

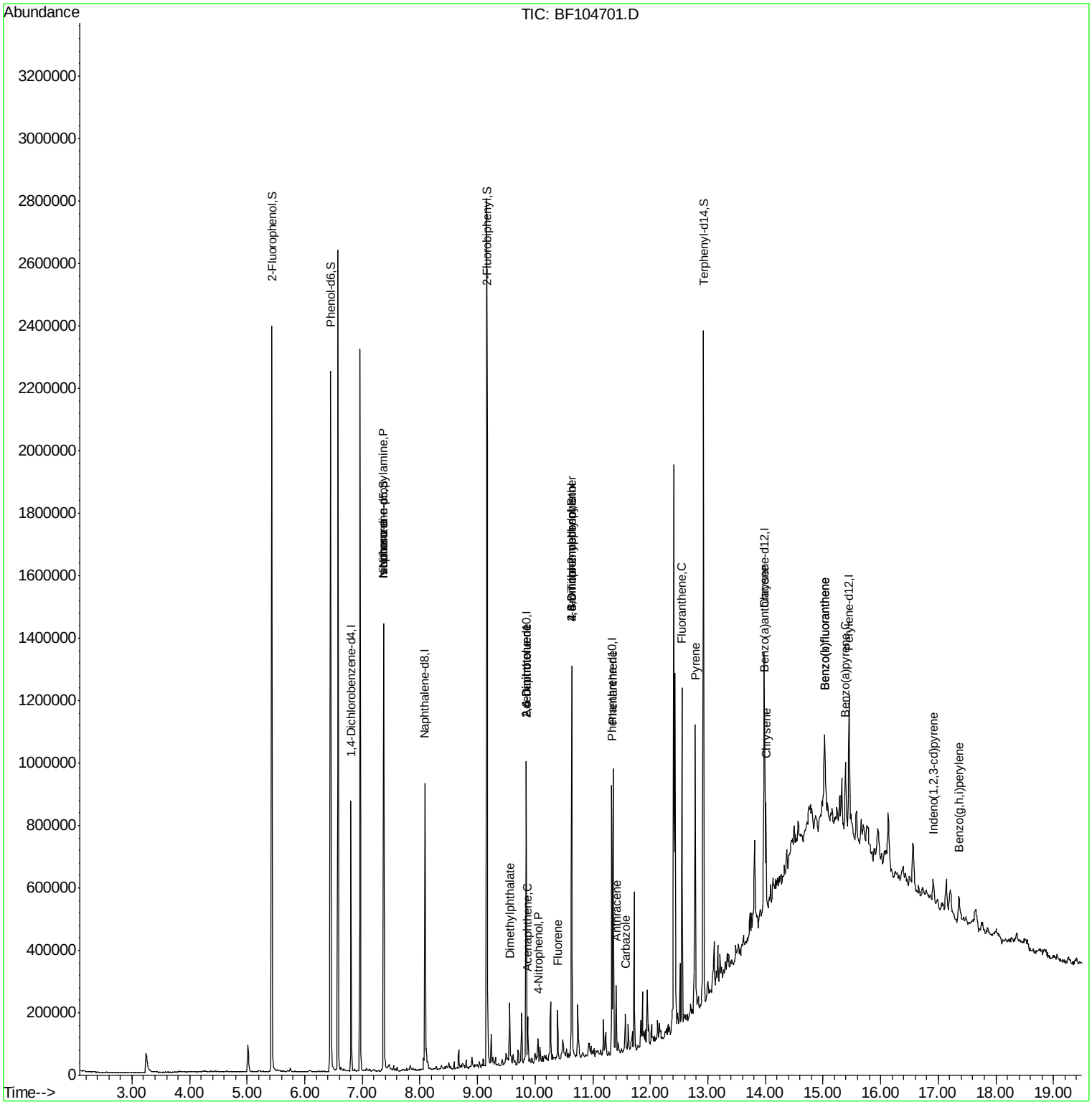
(#) = qualifier out of range (m) = manual integration (+) = signals summed

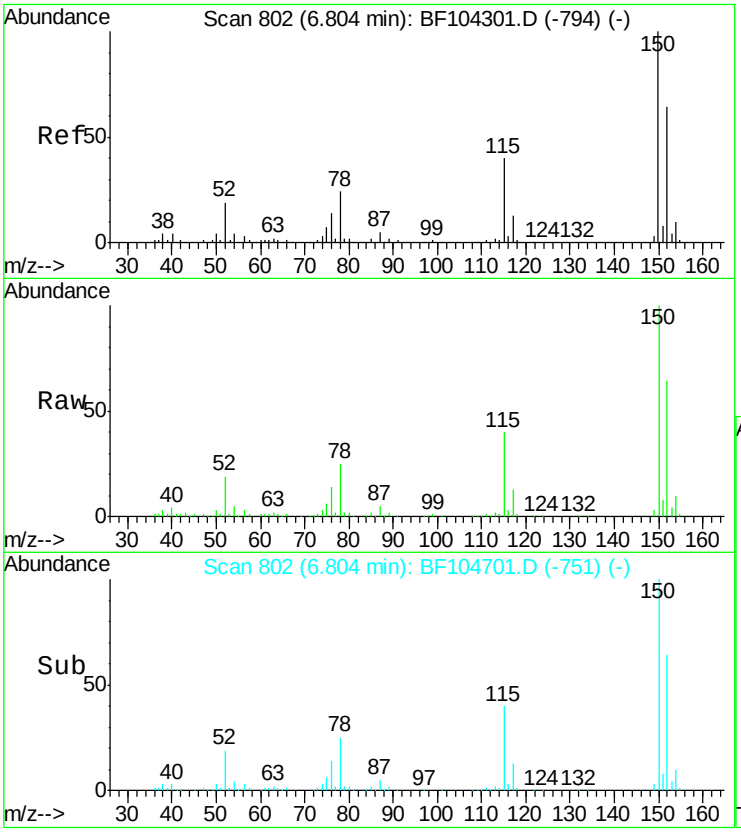
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104701.D
Acq On : 23 Apr 2018 11:34
Operator : JU/SJ
Sample : J2161-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 23 15:39:17 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 23 15:38:25 2018
Response via : Initial Calibration



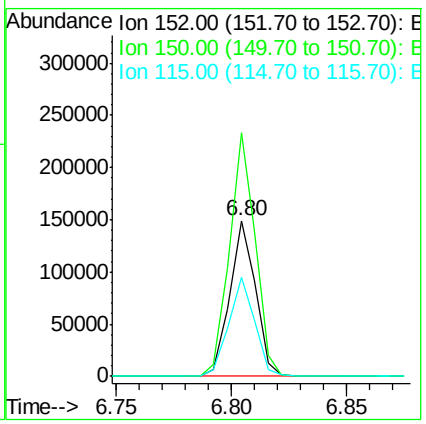


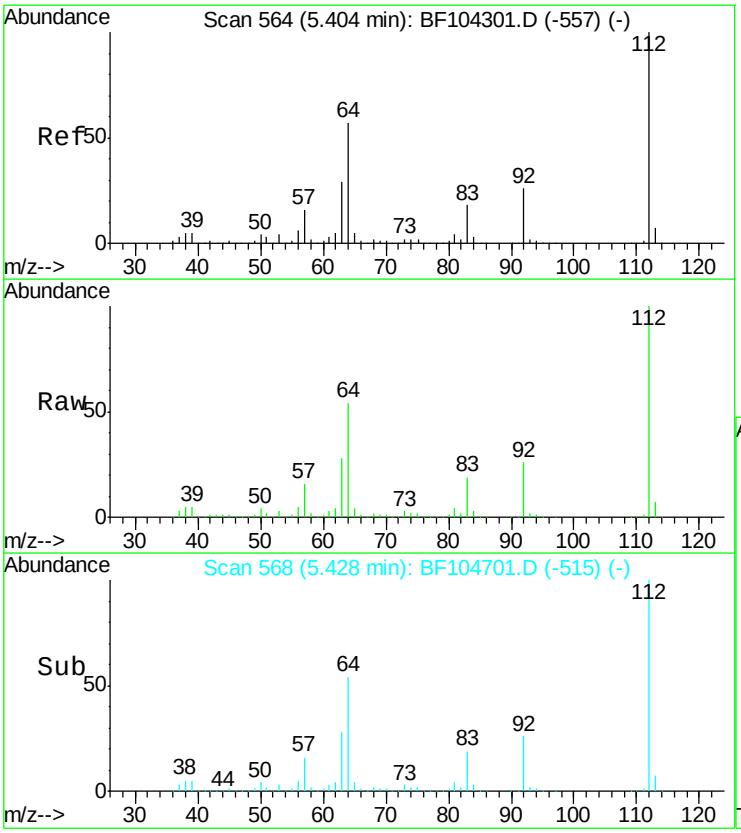
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 115546

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	63.2	50.1	75.1

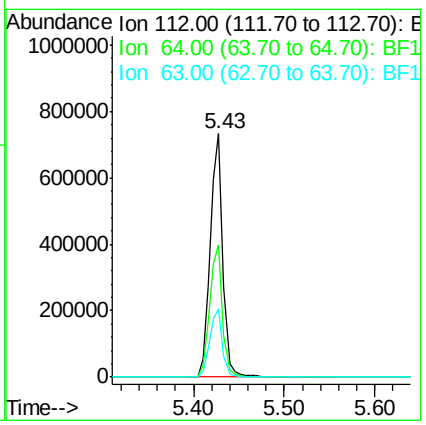


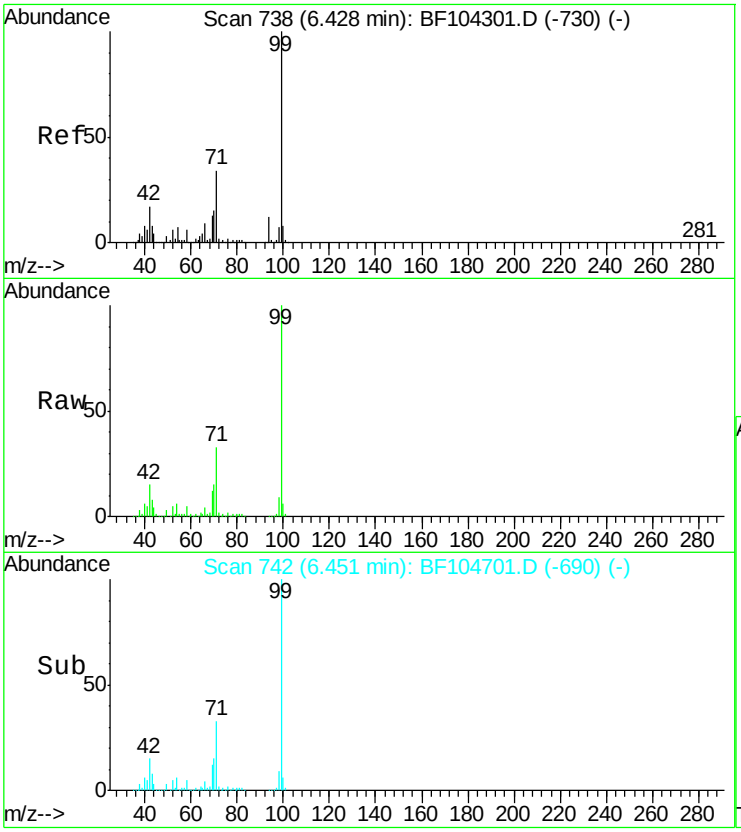


#5
2-Fluorophenol
Concen: 94.777 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Tgt Ion:112 Resp: 716202

Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.9	71.9
63	27.8	23.7	35.5



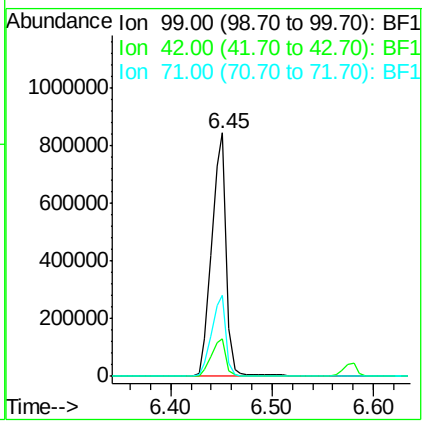


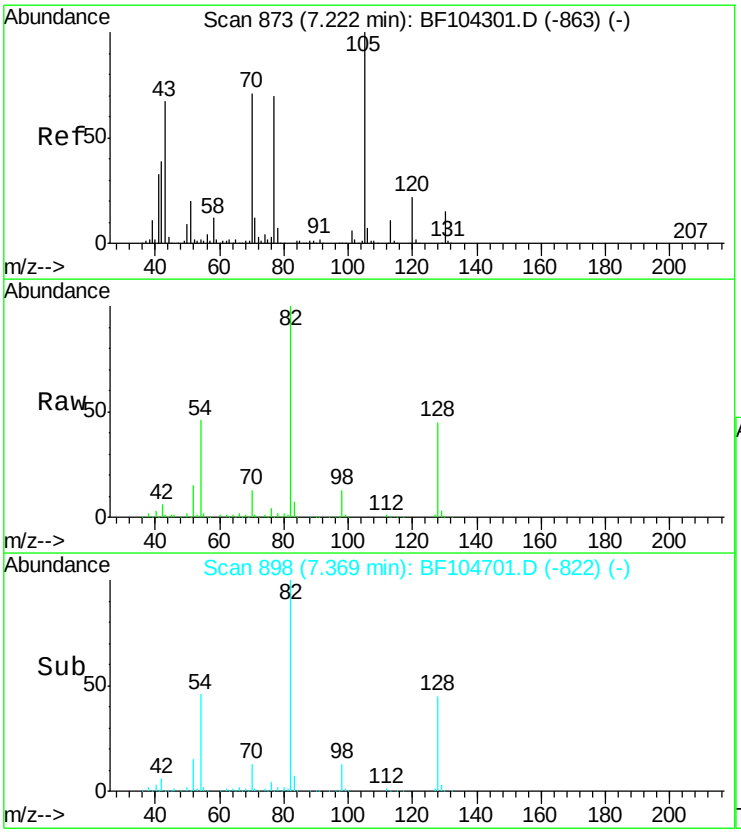
#7
Phenol-d6
Concen: 90.678 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 841919

Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	33.2	25.4	38.0

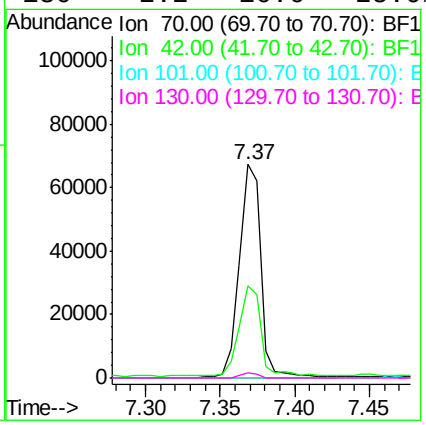


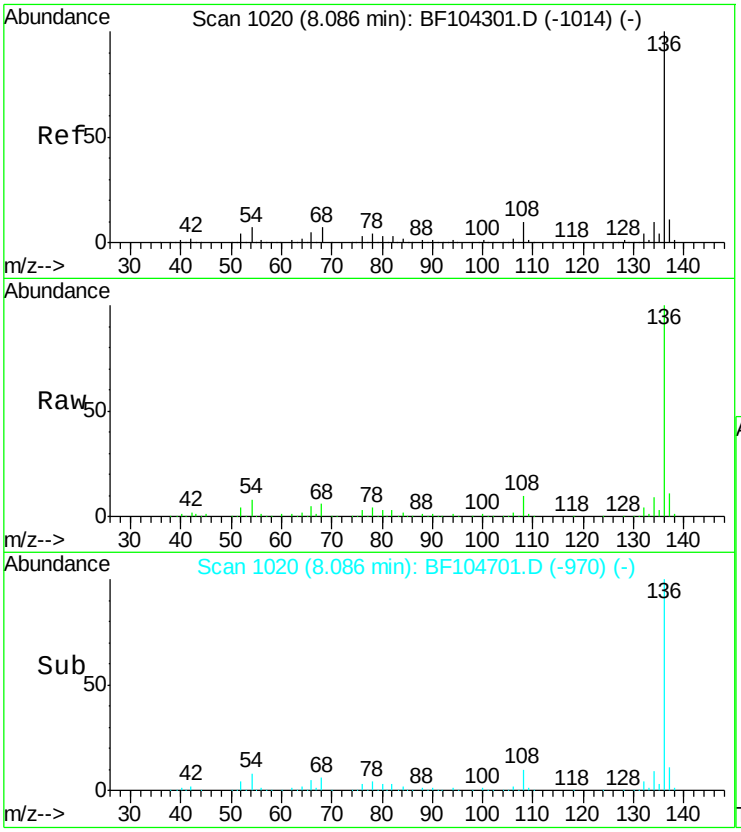


#19
n-Nitroso-di-n-propylamine
Concen: 11.221 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Tgt Ion: 70 Resp: 68078

Ion	Ratio	Lower	Upper
70	100		
42	43.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



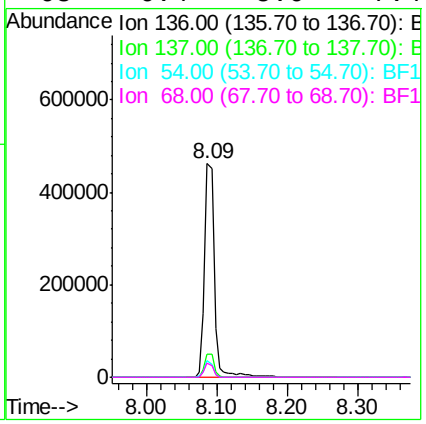


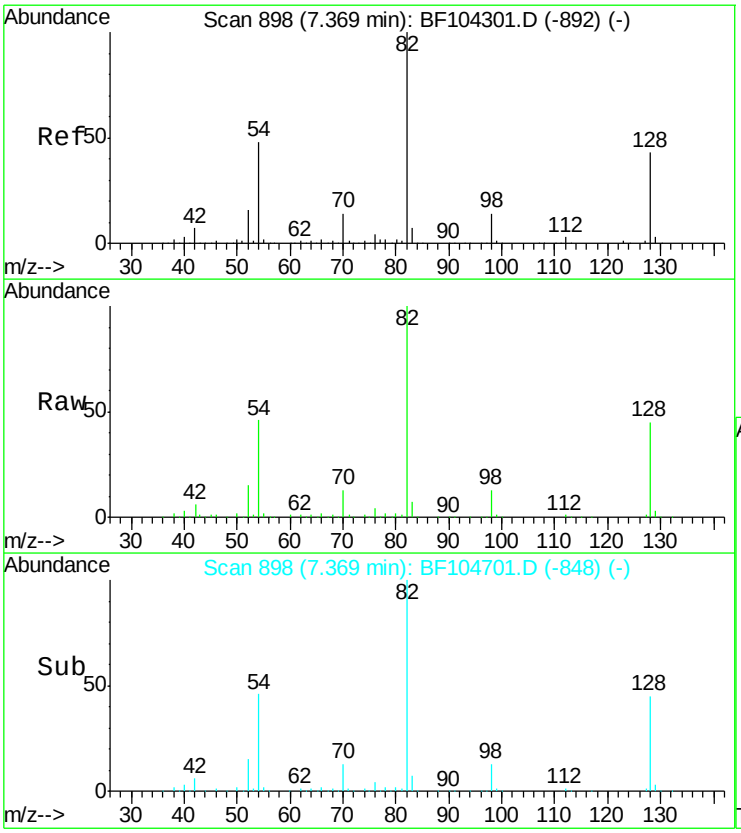
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 446563

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.6	6.6	9.8
68	6.4	5.0	7.4

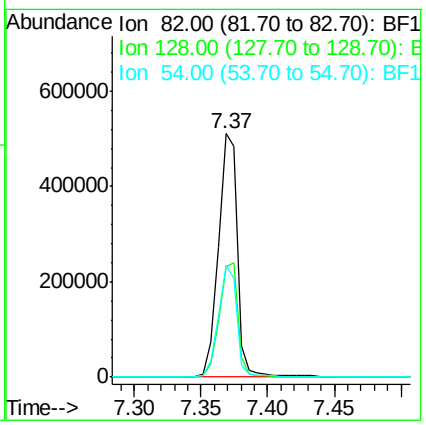


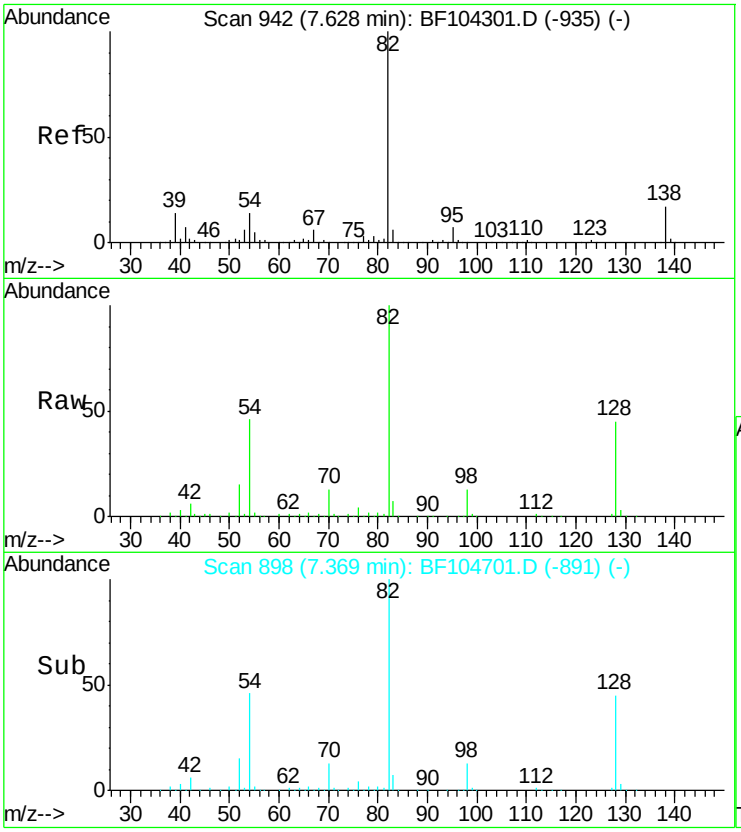


#23
Nitrobenzene-d5
Concen: 75.596 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Tgt Ion: 82 Resp: 516992

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	45.7	41.4	62.2



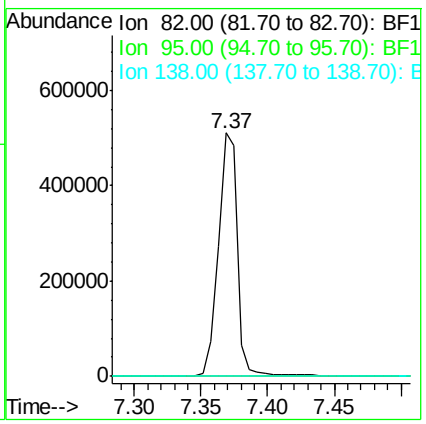


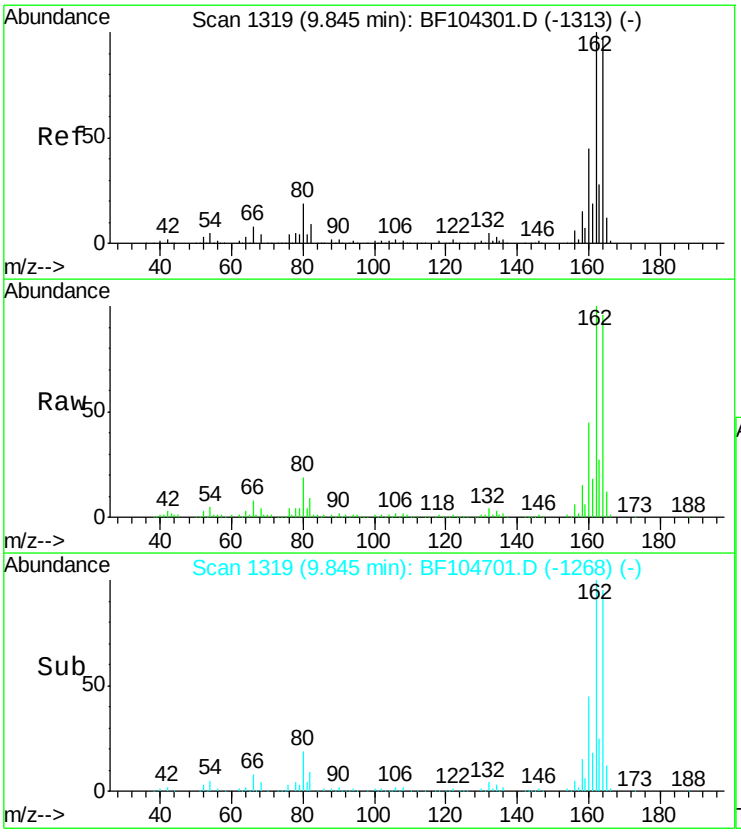
#25
Isophorone
Concen: 35.749 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 516992

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

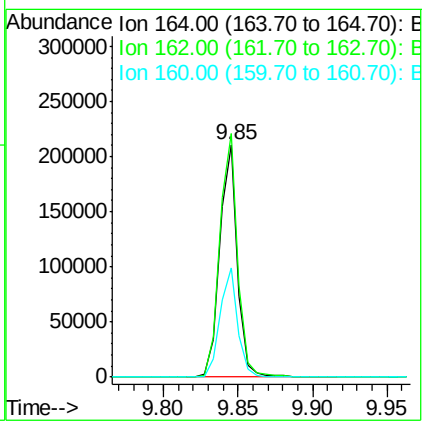


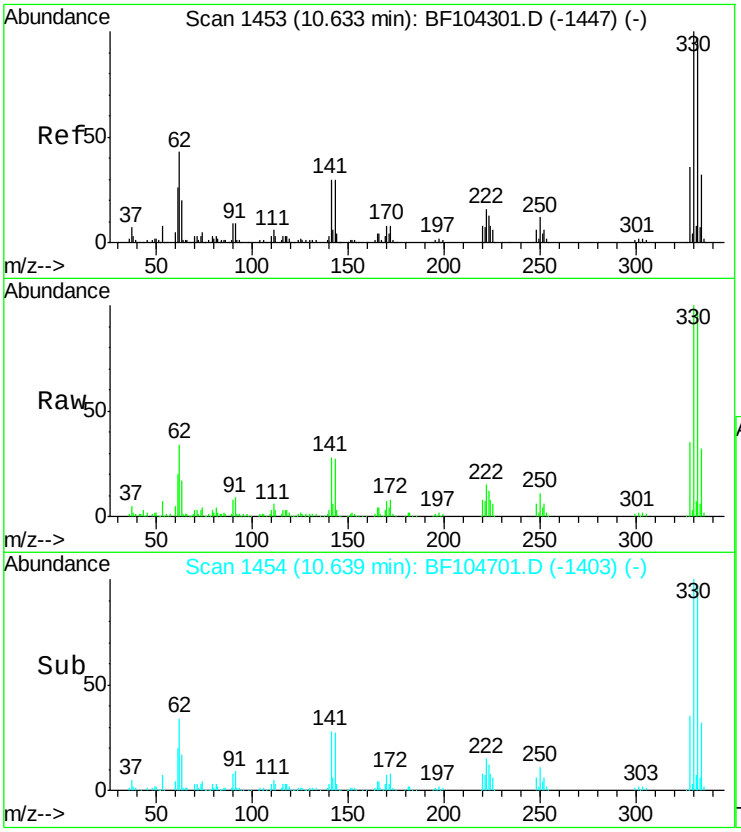


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Tgt Ion:164 Resp: 175556

Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	47.0	38.3	57.5



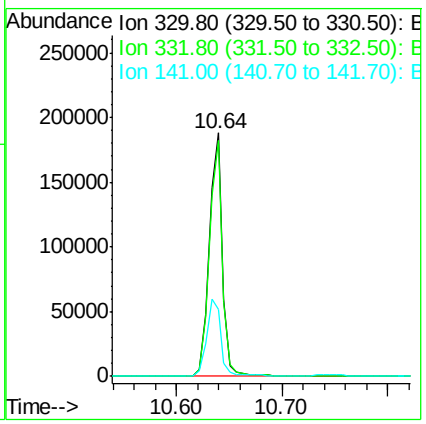


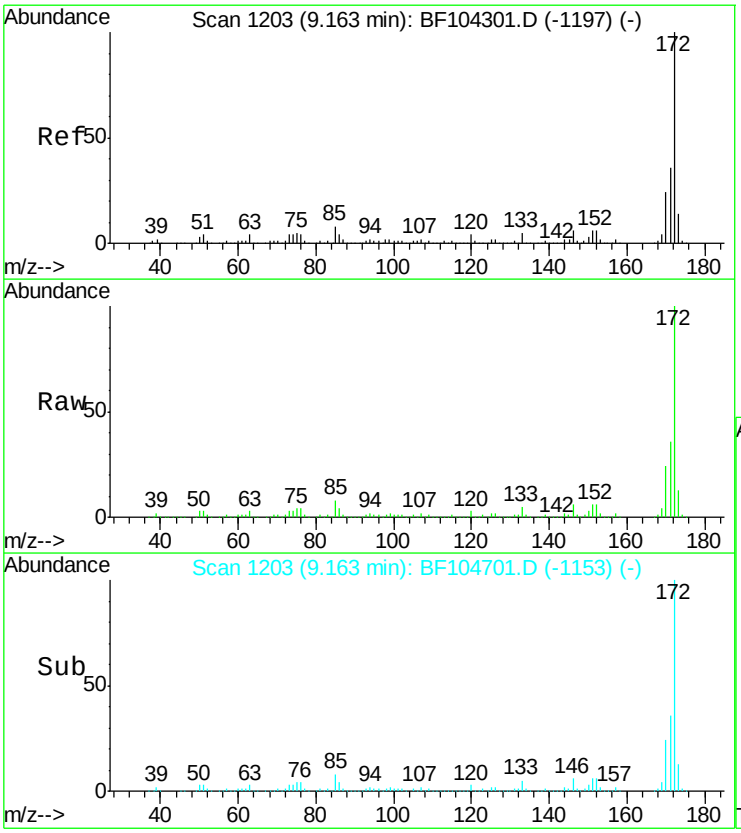
#41
2,4,6-Tribromophenol
Concen: 91.150 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 165992

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	34.0	29.9	44.9

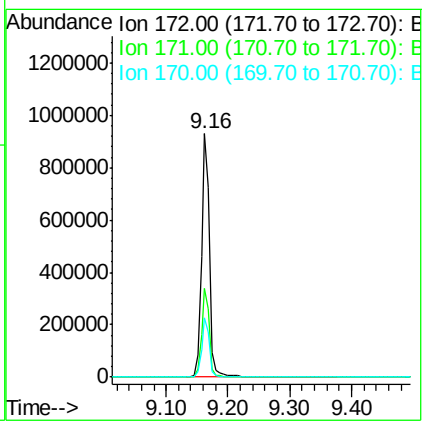


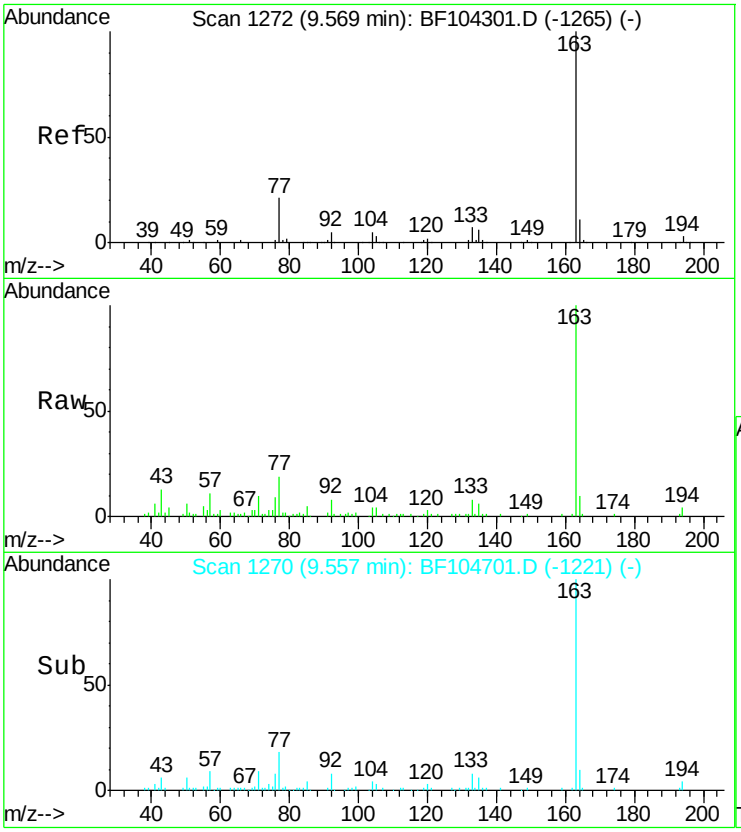


#44
2-Fluorobiphenyl
Concen: 76.951 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Tgt Ion:172 Resp: 855148

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4



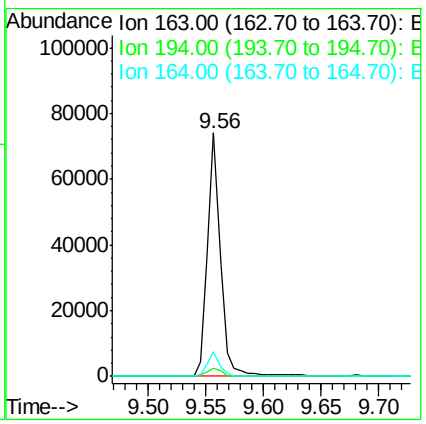


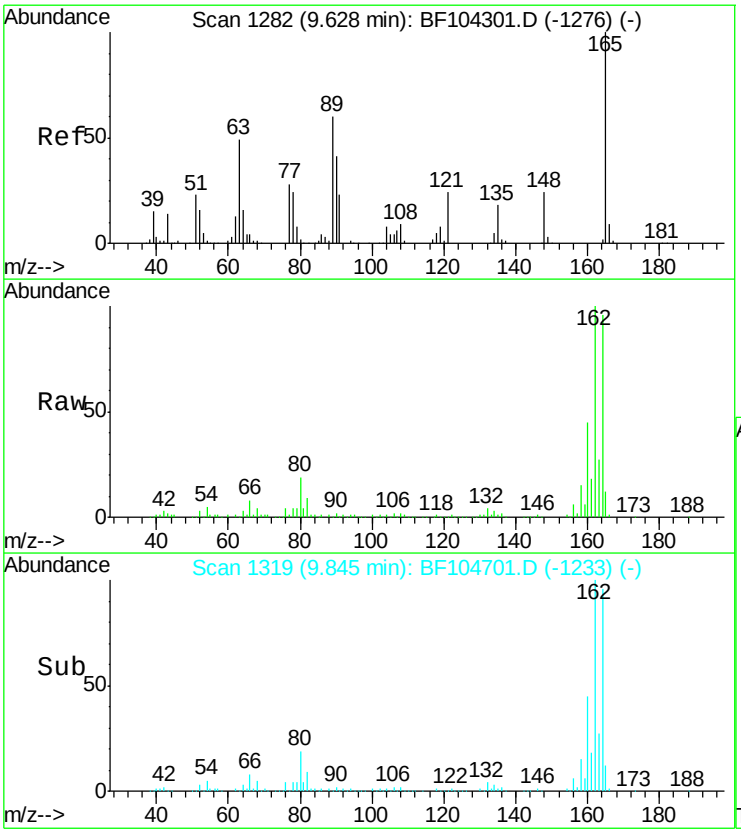
#49
Dimethylphthalate
Concen: 4.226 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 58500

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.3	8.2	12.2

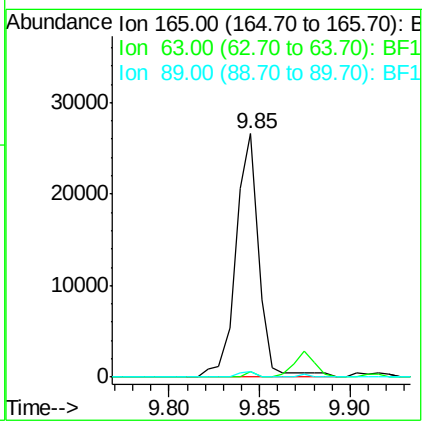


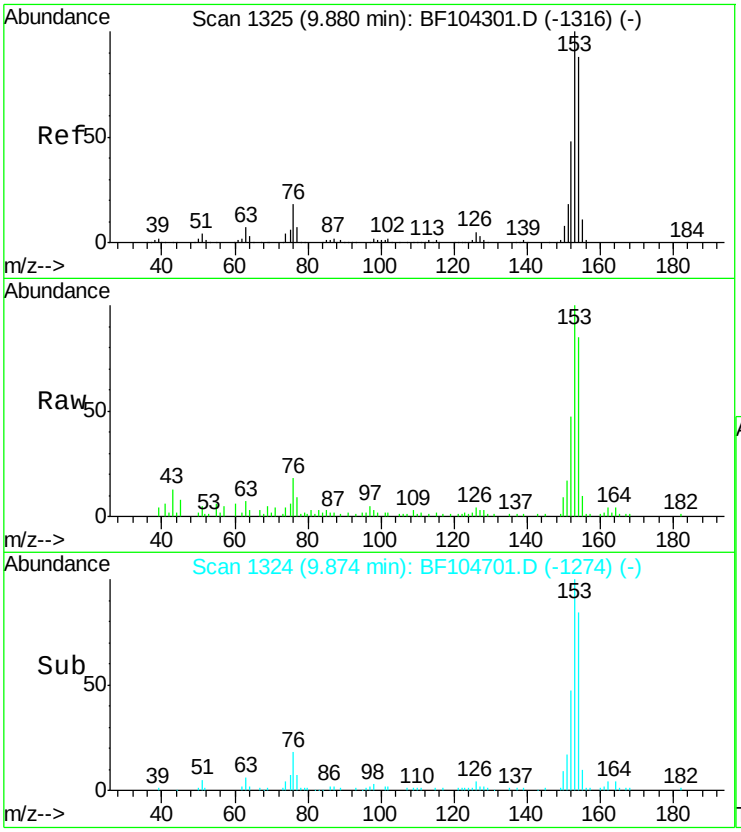


#50
2,6-Dinitrotoluene
Concen: 9.169 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Tgt Ion:165 Resp: 23489

Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.7	67.1#
89	2.1	44.0	66.0#



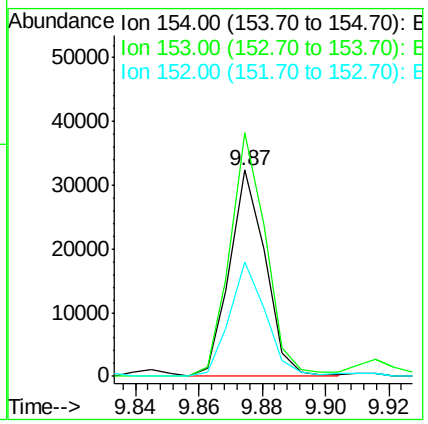


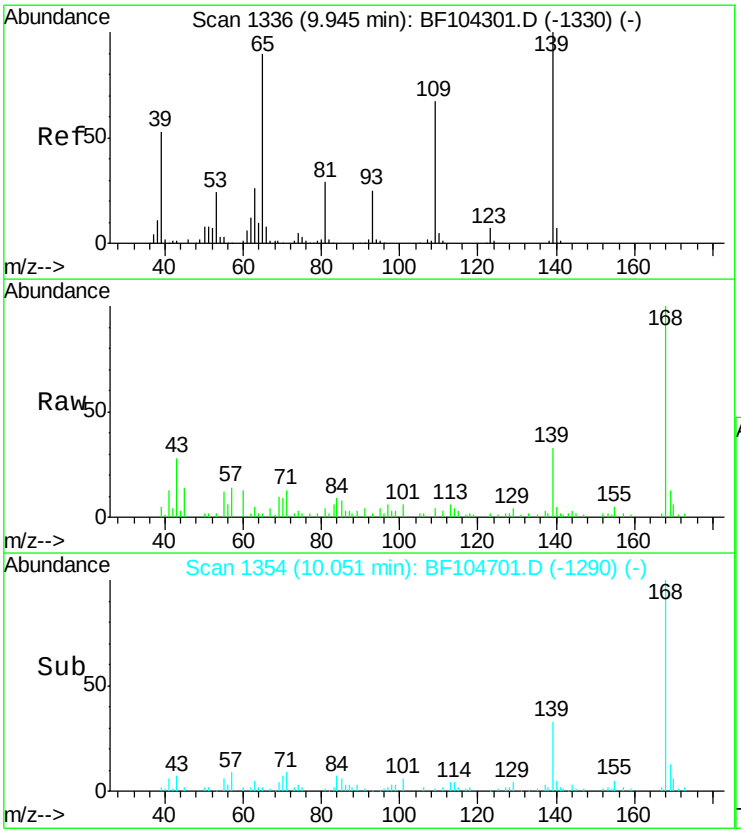
#51
Acenaphthene
Concen: 2.281 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 25441

Ion	Ratio	Lower	Upper
154	100		
153	118.1	91.2	136.8
152	55.5	43.8	65.8

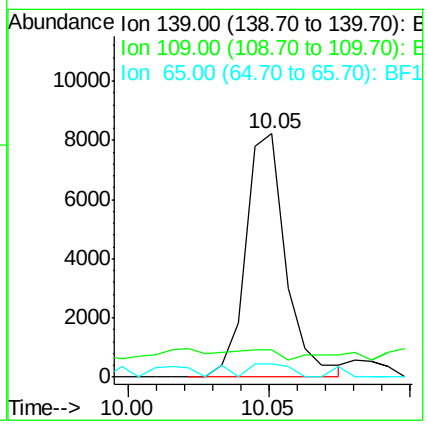


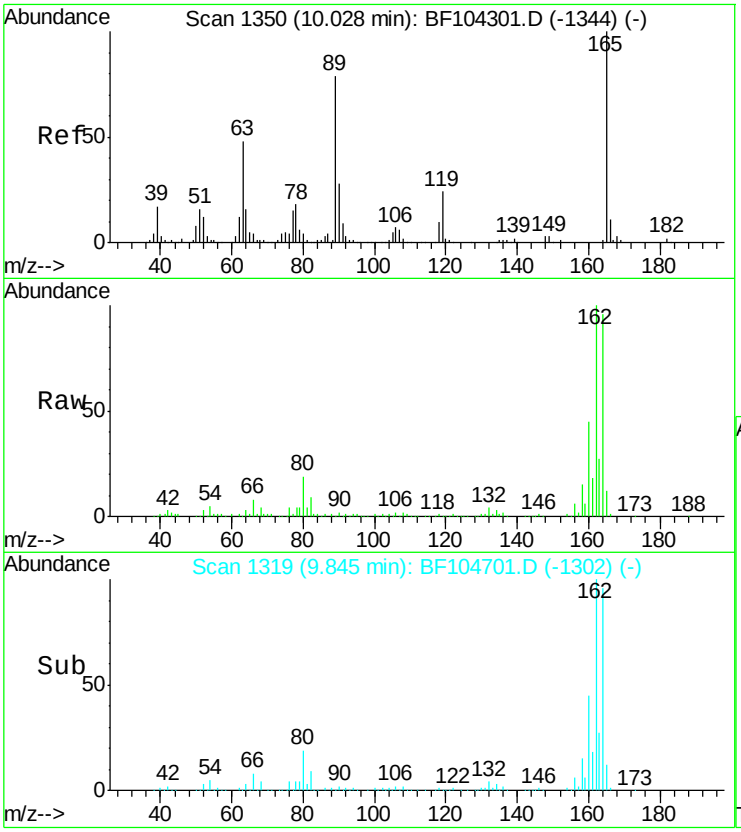


#55
4-Nitrophenol
Concen: 3.447 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.08 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Tgt Ion:139 Resp: 8121

Ion	Ratio	Lower	Upper
139	100		
109	11.2	48.4	88.4#
65	5.4	72.6	112.6#



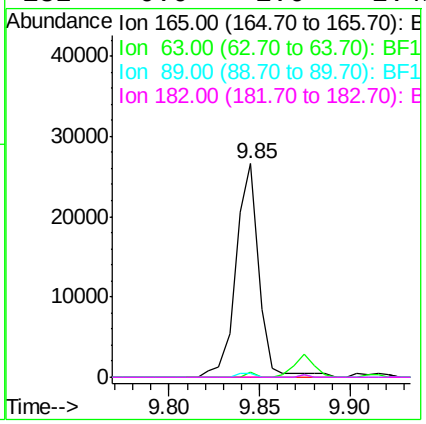


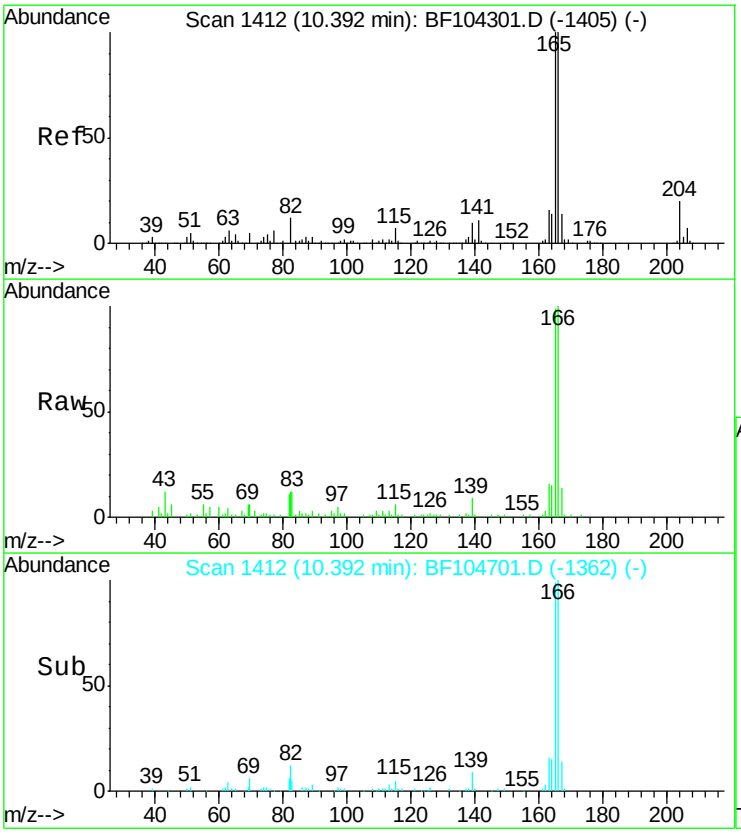
#56
2,4-Dinitrotoluene
Concen: 6.990 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 23489

Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#

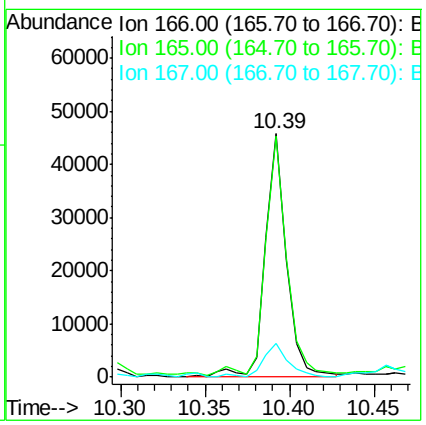


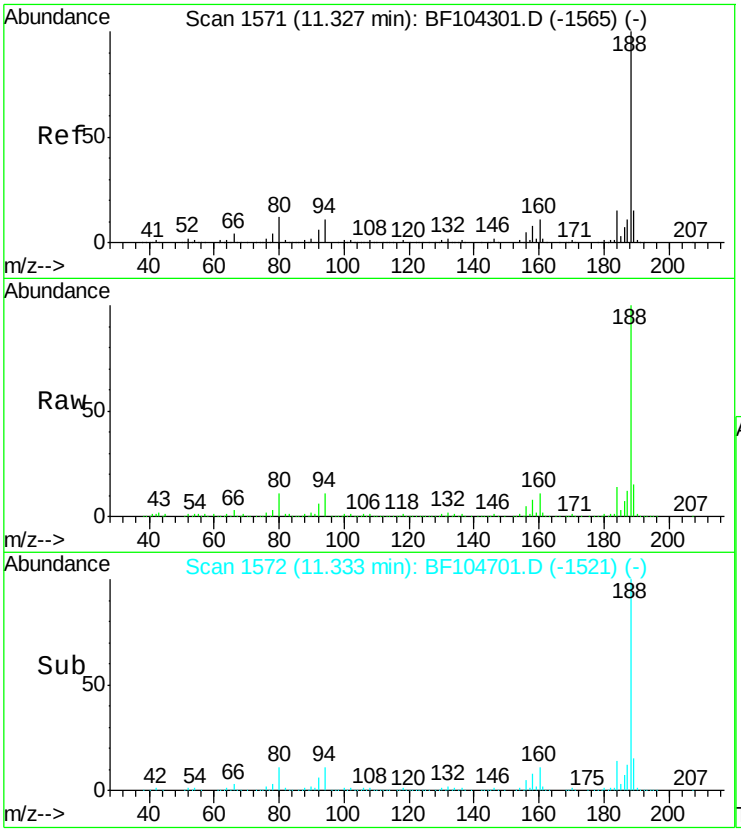


#57
Fluorene
Concen: 3.503 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Tgt Ion:166 Resp: 39622

Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.8	119.8
167	14.0	10.6	16.0



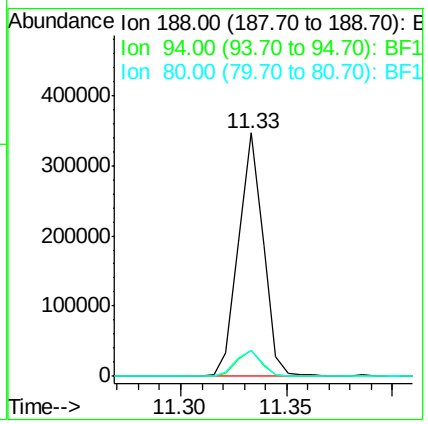


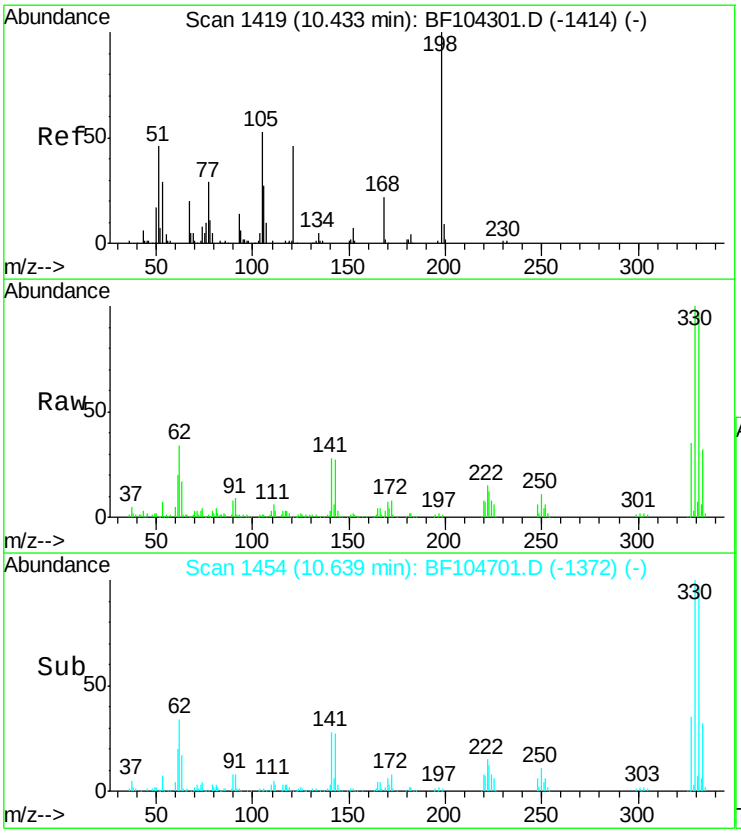
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 280534

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	10.7	9.2	13.8

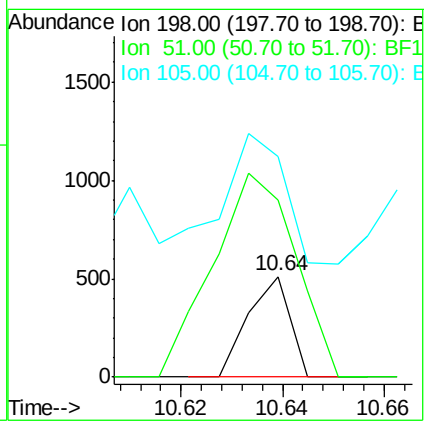


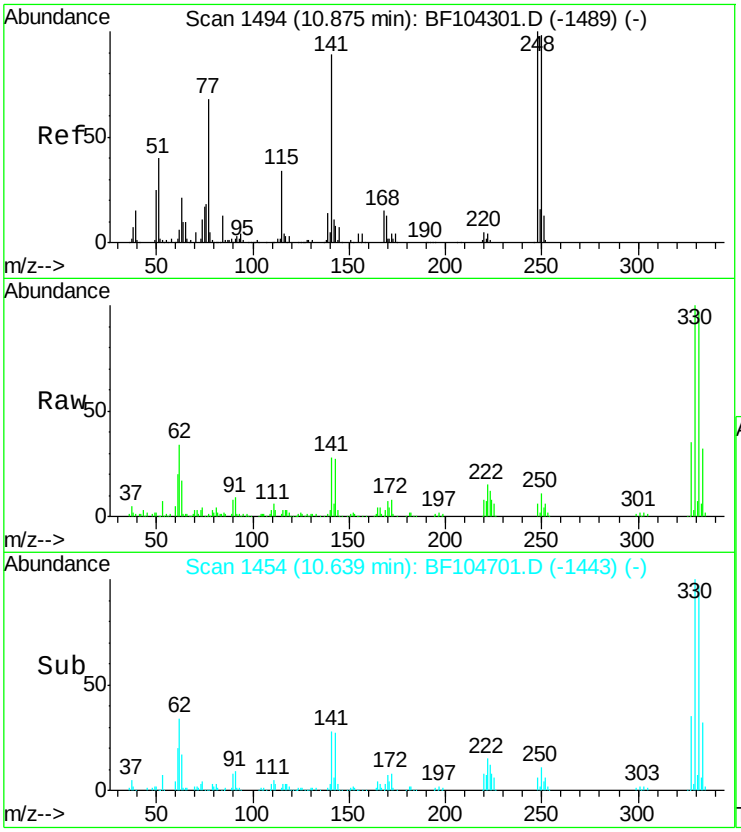


#64
4,6-Dinitro-2-methylphenol
Concen: 7.531 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.18 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Tgt Ion:198 Resp: 296

Ion	Ratio	Lower	Upper
198	100		
51	176.9	37.7	77.7#
105	220.2	36.3	76.3#



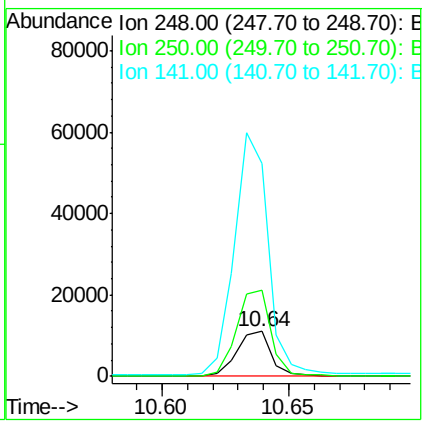


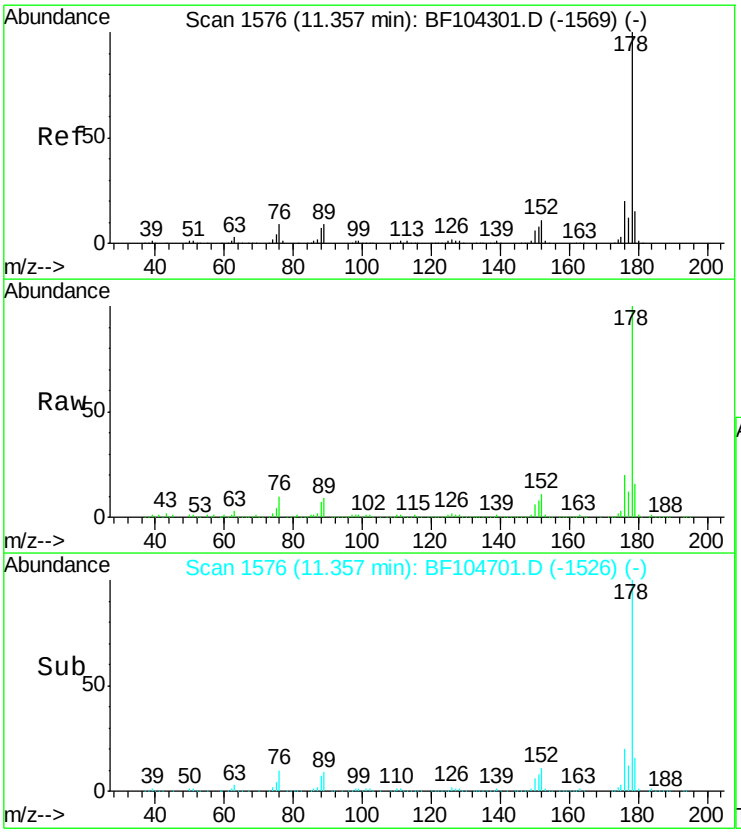
#66
4-Bromophenyl-phenylether
Concen: 3.448 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 10290

Ion	Ratio	Lower	Upper
248	100		
250	191.5	76.9	115.3#
141	474.3	74.4	111.6#

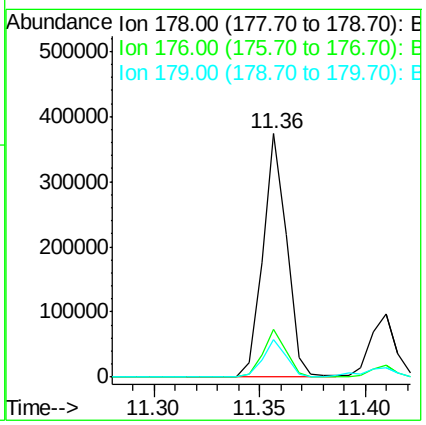


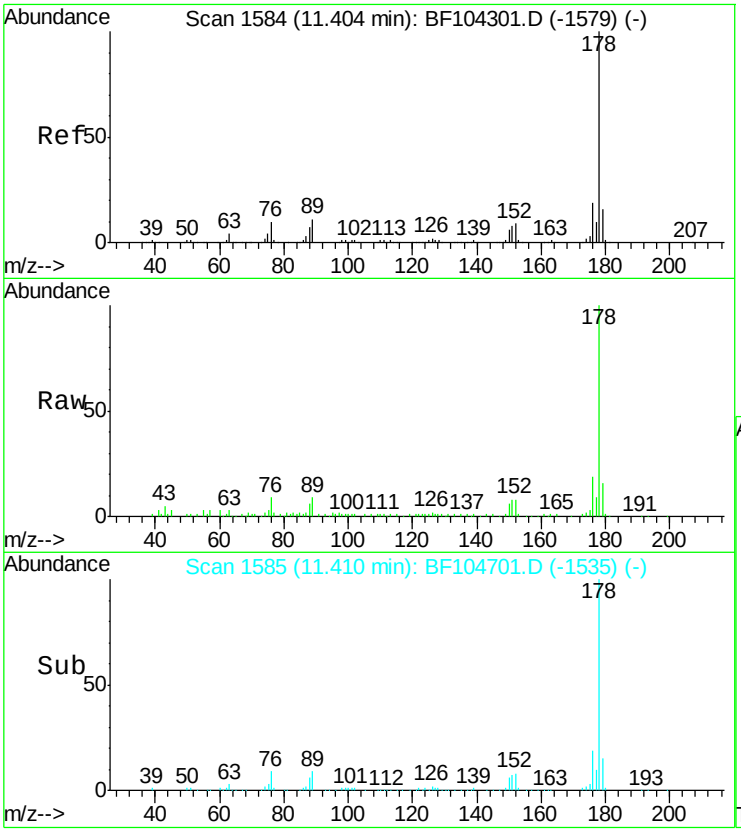


#70
Phenanthrene
Concen: 18.808 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Tgt Ion:178 Resp: 293830

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.7	13.0	19.6



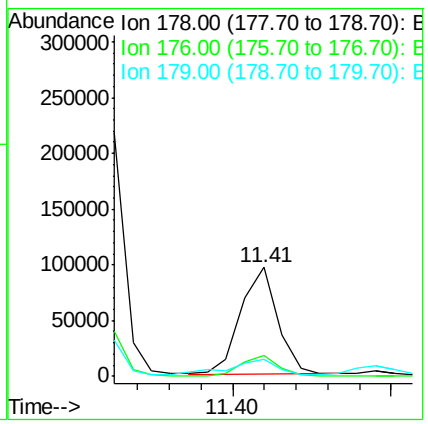


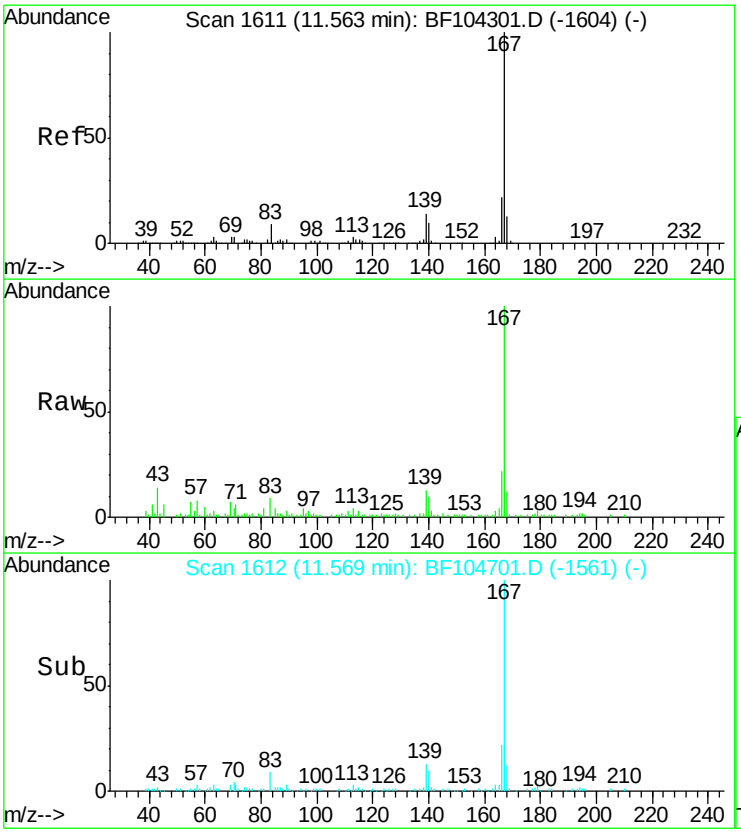
#71
Anthracene
Concen: 4.881 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 77521

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.6	12.6	19.0

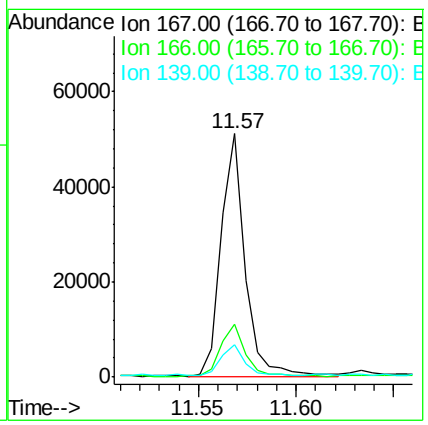


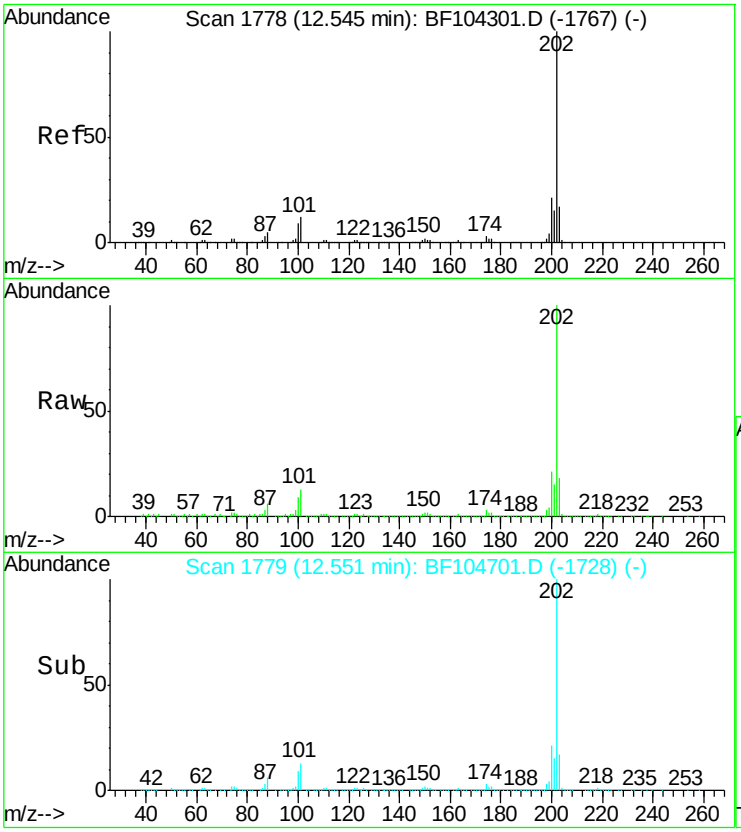


#72
Carbazole
Concen: 2.865 ng
RT: 11.57 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Tgt Ion:167 Resp: 44458

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.2	10.9	16.3



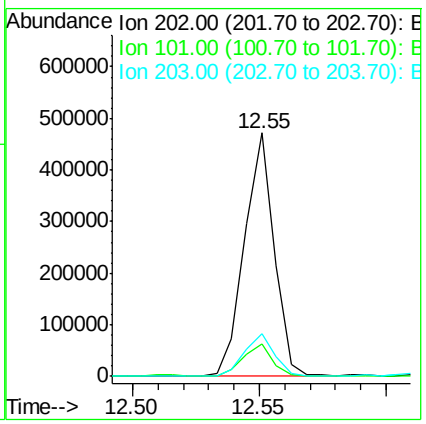


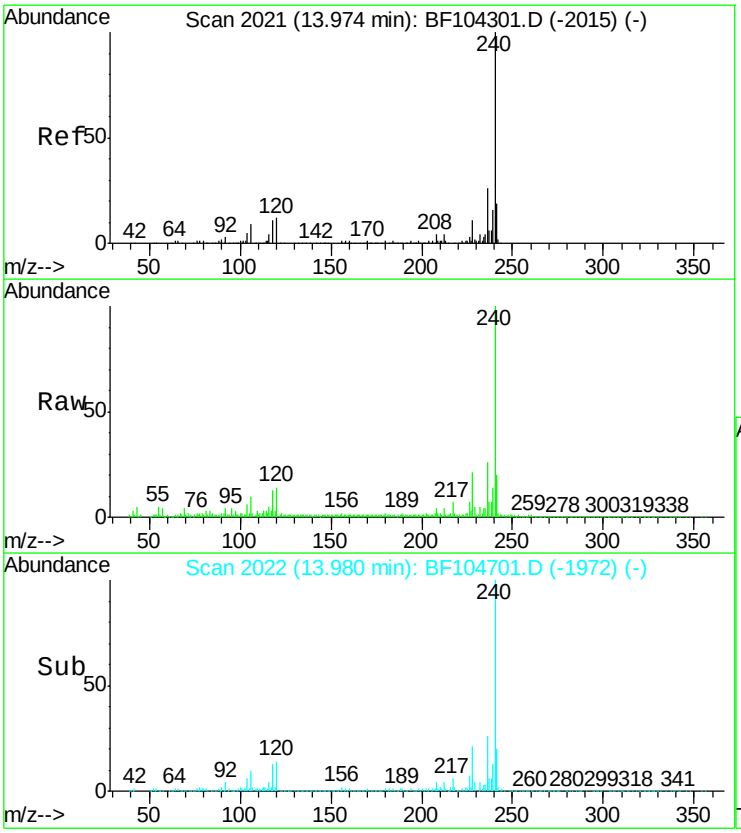
#74
Fluoranthene
Concen: 23.543 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 384292

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	34.1
203	17.5	0.0	38.1

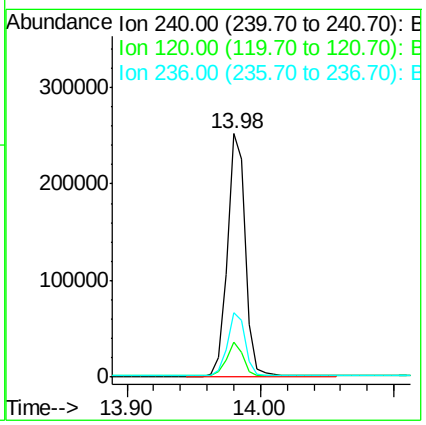


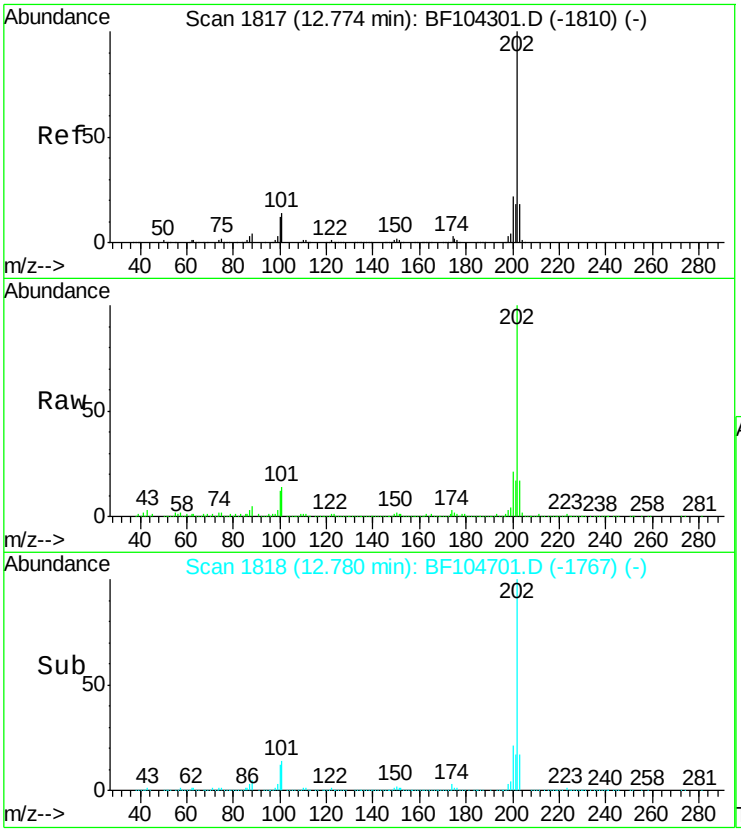


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Tgt Ion:240 Resp: 237653

Ion	Ratio	Lower	Upper
240	100		
120	14.3	9.5	14.3
236	26.4	20.7	31.1



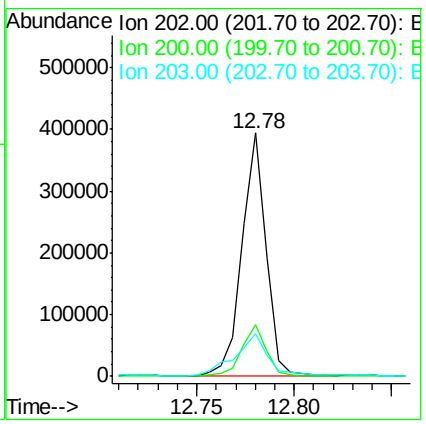


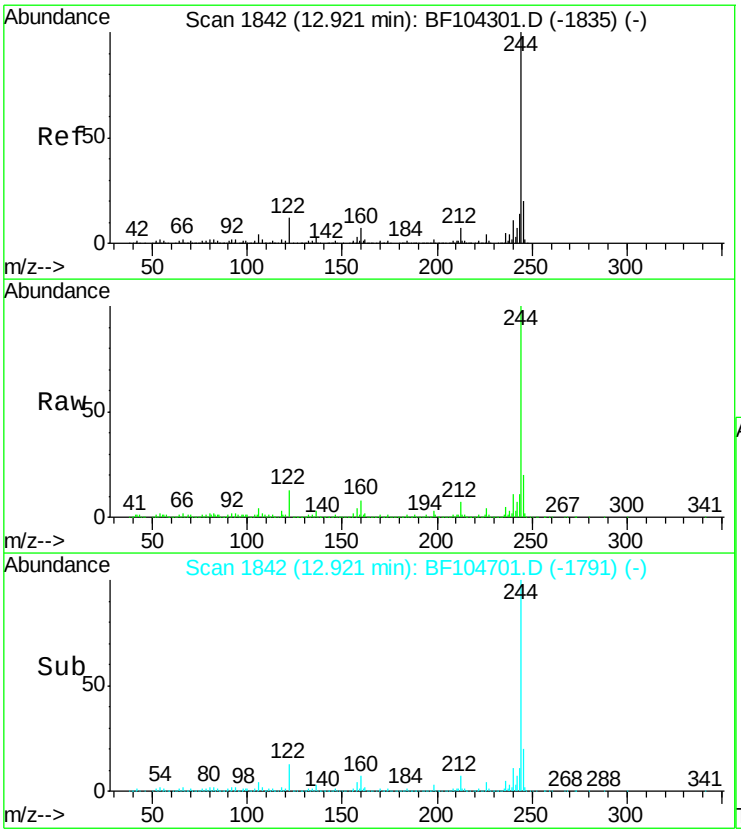
#77
Pyrene
Concen: 19.138 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 337134

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.5	14.3	21.5

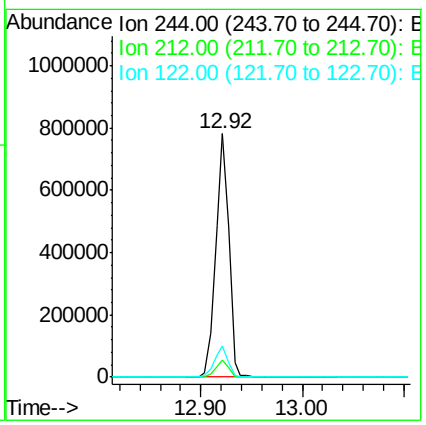


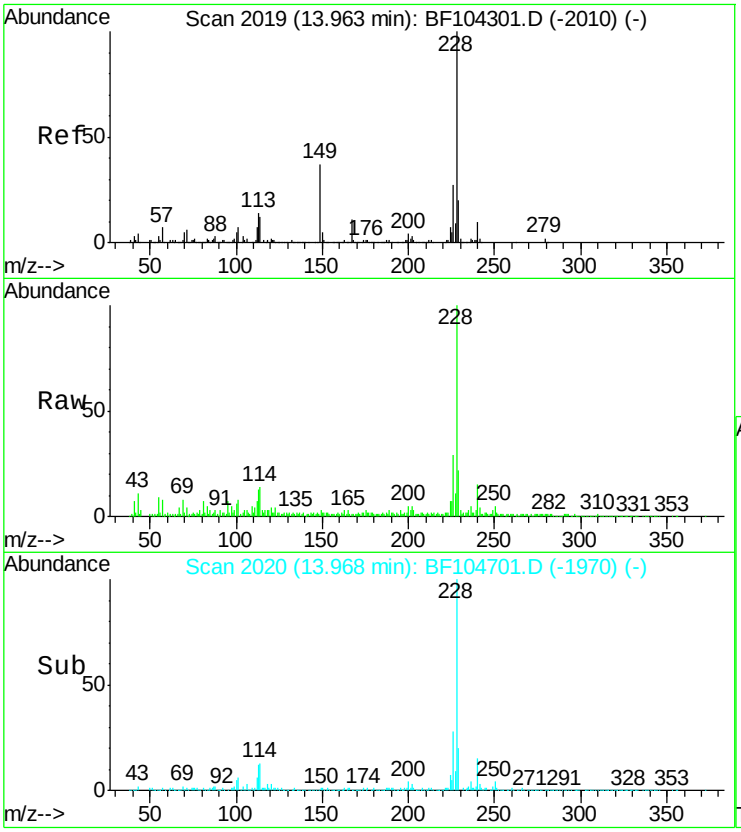


#78
Terphenyl-d14
Concen: 67.087 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Tgt Ion:244 Resp: 699322

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.6	11.0	16.4



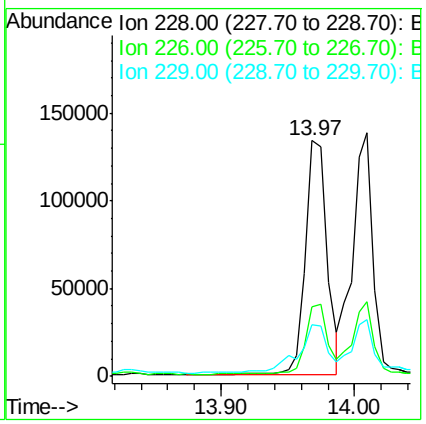


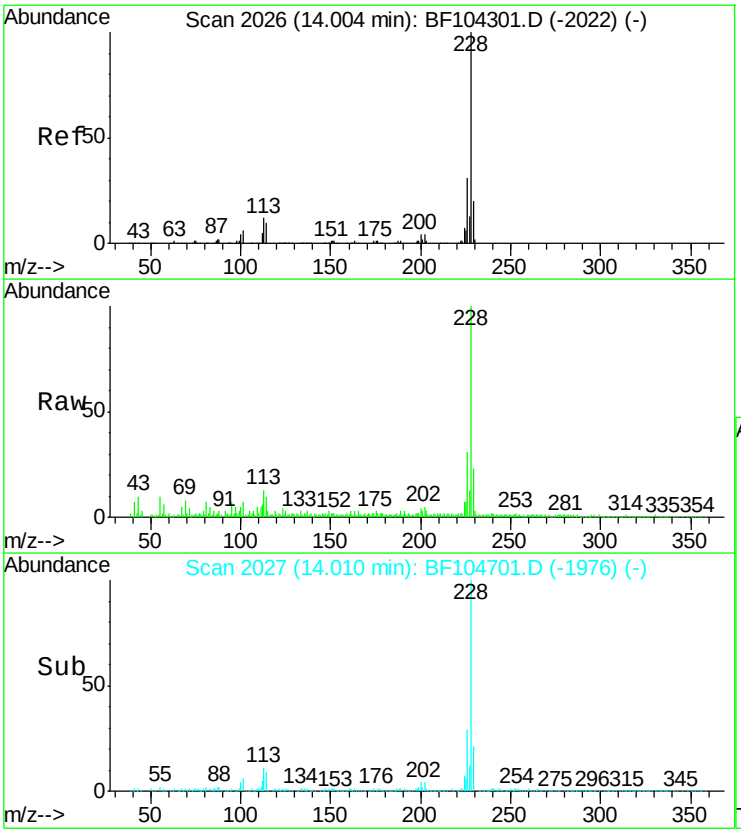
#80
Benzo(a)anthracene
Concen: 10.427 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 148045

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	21.6	15.8	23.6

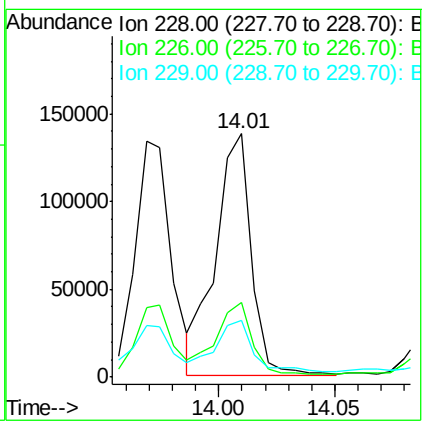


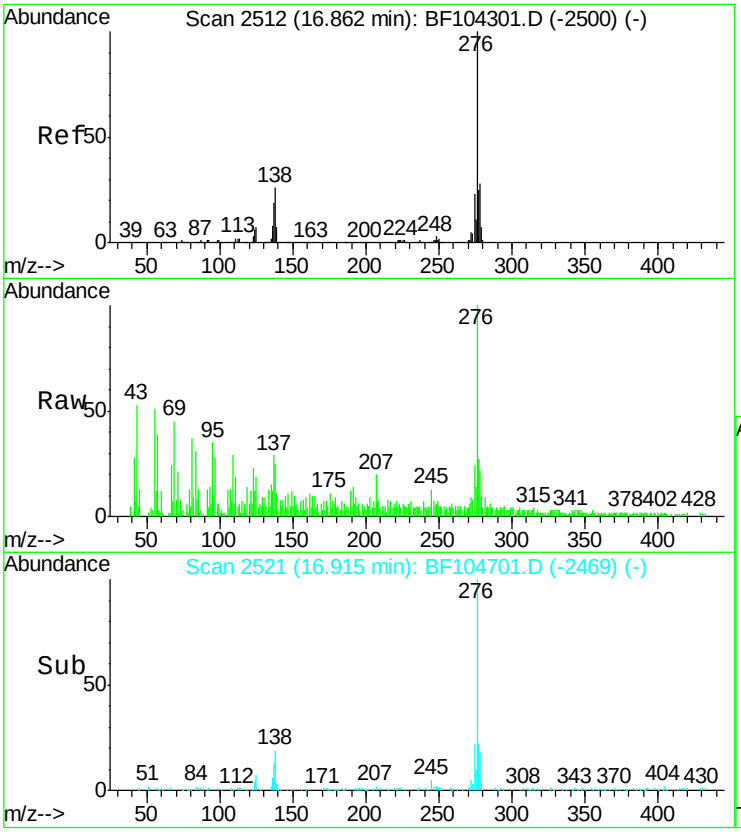


#82
Chrysene
Concen: 10.120 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Tgt Ion:228 Resp: 147582

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	23.1	16.2	24.4



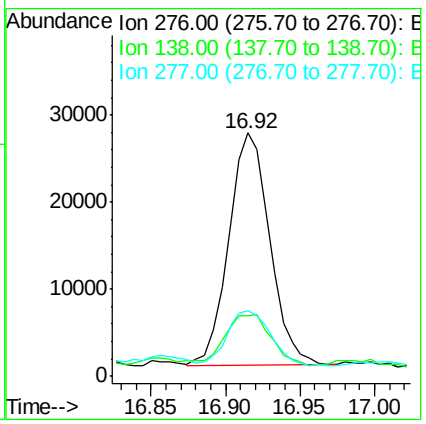


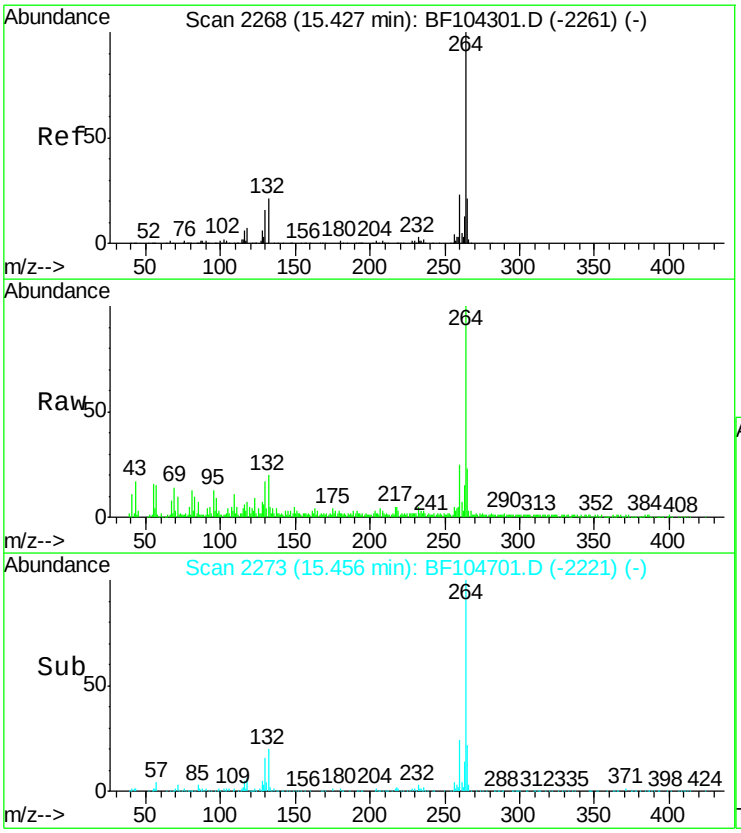
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.134 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 51210

Ion	Ratio	Lower	Upper
276	100		
138	25.2	25.0	37.6
277	24.9	20.1	30.1

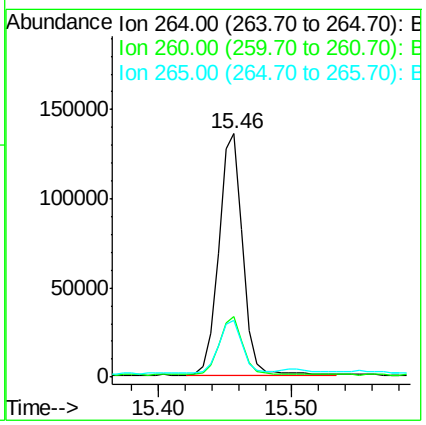


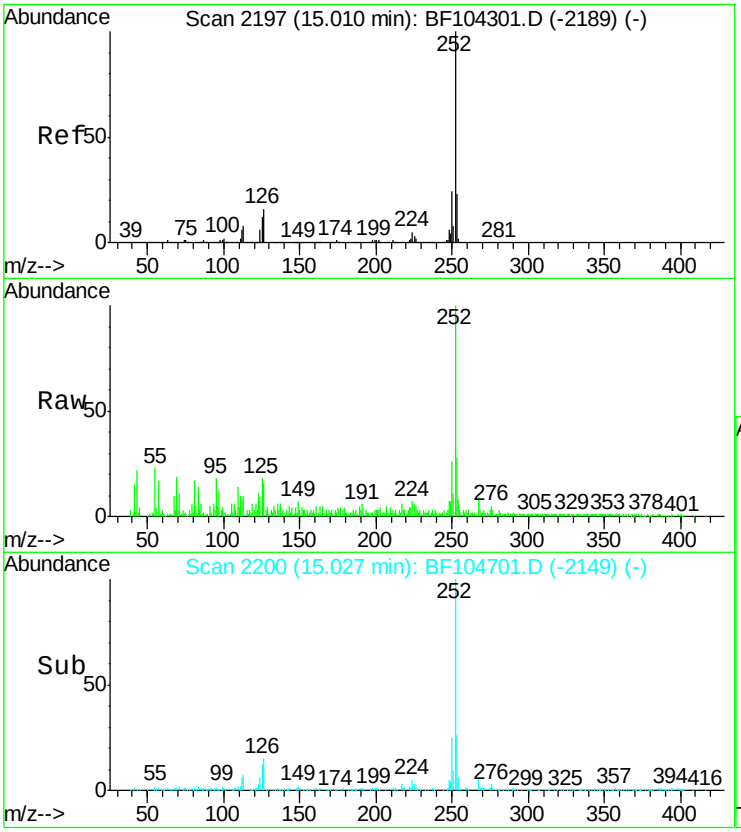


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Tgt Ion:264 Resp: 170800

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	23.2	17.5	26.3



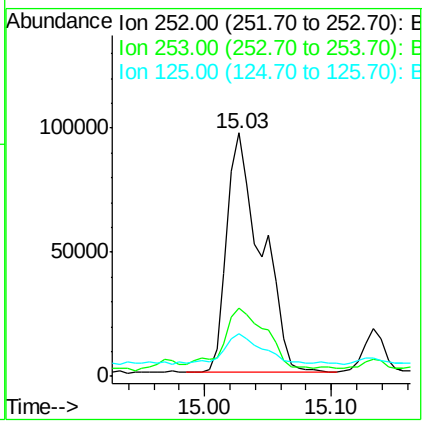


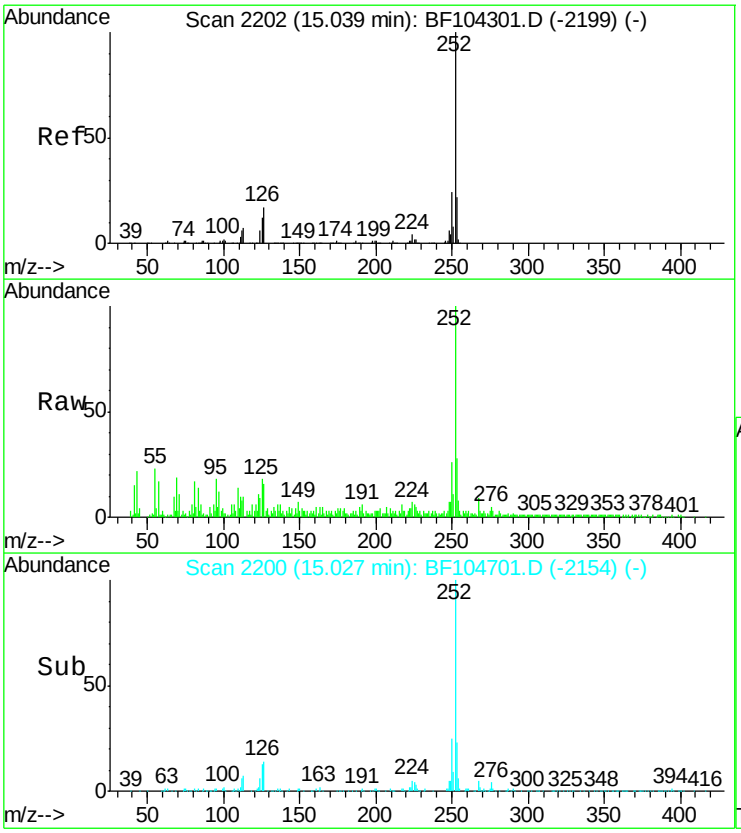
#87
Benzo(b)fluoranthene
Concen: 16.918 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 182498

Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.0	25.6#
125	17.6	9.0	13.6#

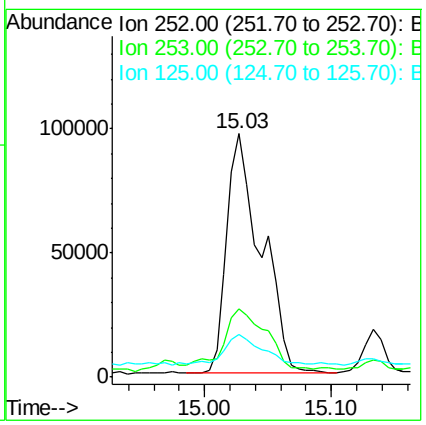


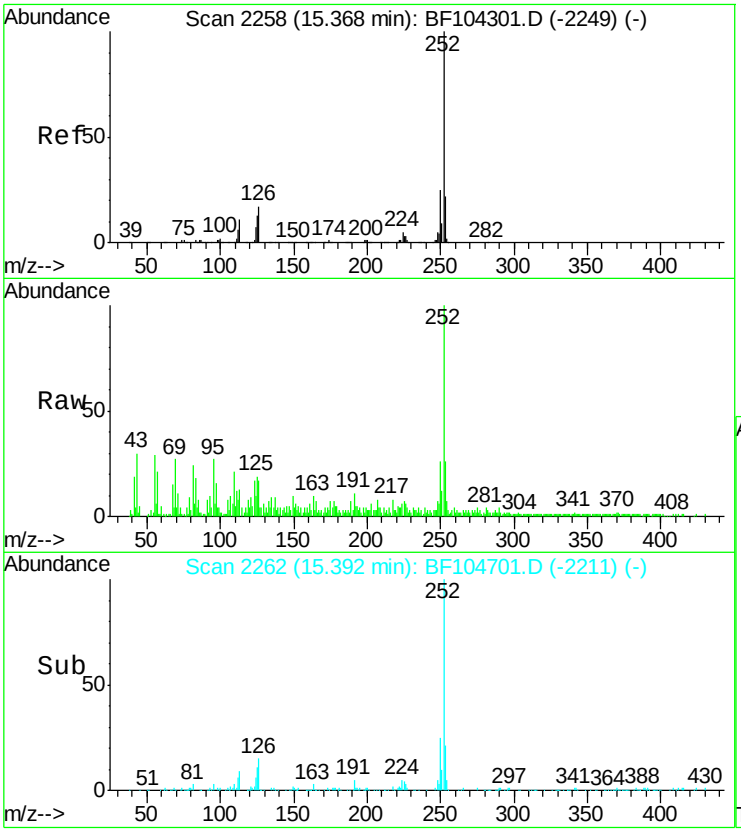


#88
Benzo(k)fluoranthene
Concen: 17.920 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Tgt Ion:252 Resp: 182498

Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.9	26.9#
125	17.6	10.2	15.2#



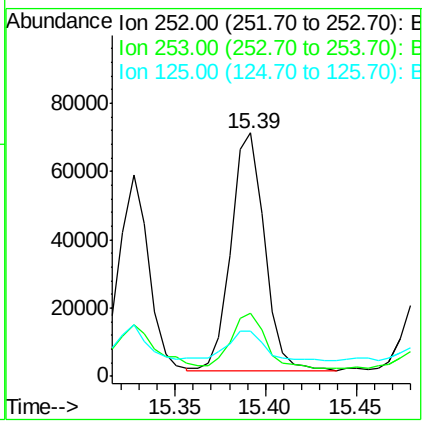


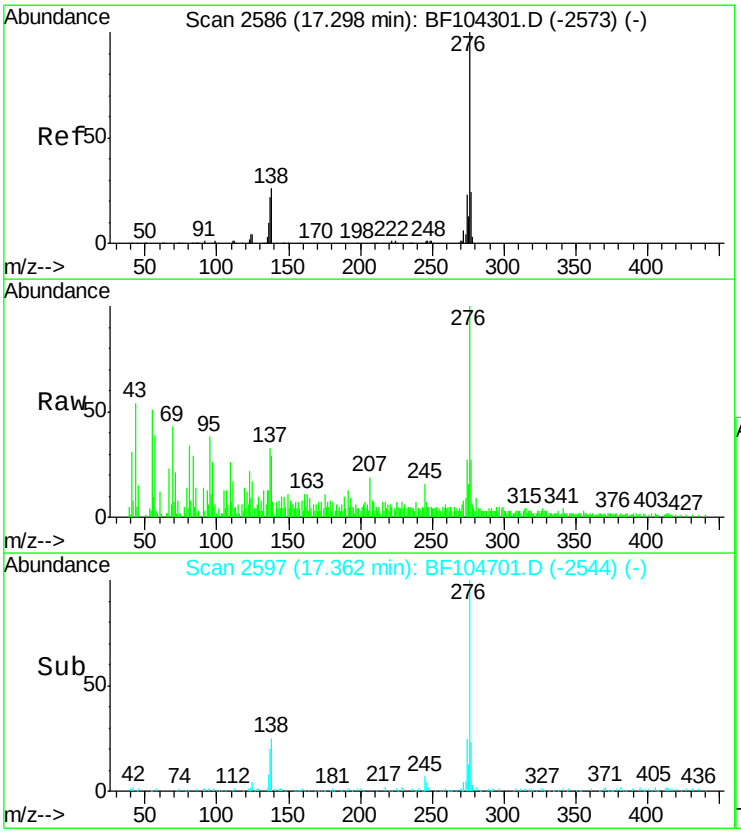
#89
Benzo(a)pyrene
Concen: 9.337 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 90120

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.1	25.7#
125	18.8	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 7.030 ng
RT: 17.36 min Scan# 2597
Delta R.T. 0.01 min
Lab File: BF104701.D
Acq: 23 Apr 2018 11:34

Tgt Ion:276 Resp: 53988

Ion	Ratio	Lower	Upper
276	100		
277	27.1	17.9	26.9#
138	29.2	21.8	32.8