Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042618\
Data File : BF104863.D
Acq On : 27 Apr 2018 5:38
Operator : JU/SJ
Sample : J2520-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 27 11:08:57 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	121008	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	470604	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	180874	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	277766	20.00	ng		0.00
75) Chrysene-d12	13.97	240	254828	20.00	ng		-0.01
86) Perylene-d12	15.44	264	186556	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	625310	79.01	ng		0.00
7) Phenol-d6	6.44	99	792819	81.54	ng		0.00
23) Nitrobenzene-d5	7.37	82	550376	76.37	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	136810	72.92	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	824849	72.04	ng		0.00
78) Terphenyl-d14	12.92	244	613233	54.86	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.35	77	6089	Below Cal			98
19) n-Nitroso-di-n-propylamine	7.37	70	72855	11.466	ng	#	71
25) Isophorone	7.37	82	550447	36.118	ng	#	64
49) Dimethylphthalate	9.55	163	96590	6.772	ng		99
56) 2,4-Dinitrotoluene	9.84	165	23568	6.808	ng	#	23
64) 4,6-Dinitro-2-methylphenol	10.65	198	706	7.789	ng	#	23
66) 4-Bromophenyl-phenylether	10.63	248	7966	2.696	ng	#	1
70) Phenanthrene	11.35	178	86744	5.608	ng		98
74) Fluoranthene	12.55	202	142596	8.823	ng		98
76) Benzidine	12.92	184	8131	Below Cal			96
77) Pyrene	12.77	202	142518	7.545	ng		99
80) Benzo(a)anthracene	13.97	228	74673	4.905	ng		95
82) Chrysene	14.00	228	78028	4.990	ng		96
85) Indeno(1,2,3-cd)pyrene	16.90	276	29524	2.223	ng		96
87) Benzo(b)fluoranthene	15.02	252	101266	8.595	ng		95
88) Benzo(k)fluoranthene	15.02	252	101266	9.104	ng		98
89) Benzo(a)pyrene	15.38	252	48996	4.647	ng	#	94
91) Benzo(g,h,i)perylene	17.34	276	30963	3.691	ng		96

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

Quantitation Report (Not Reviewed)

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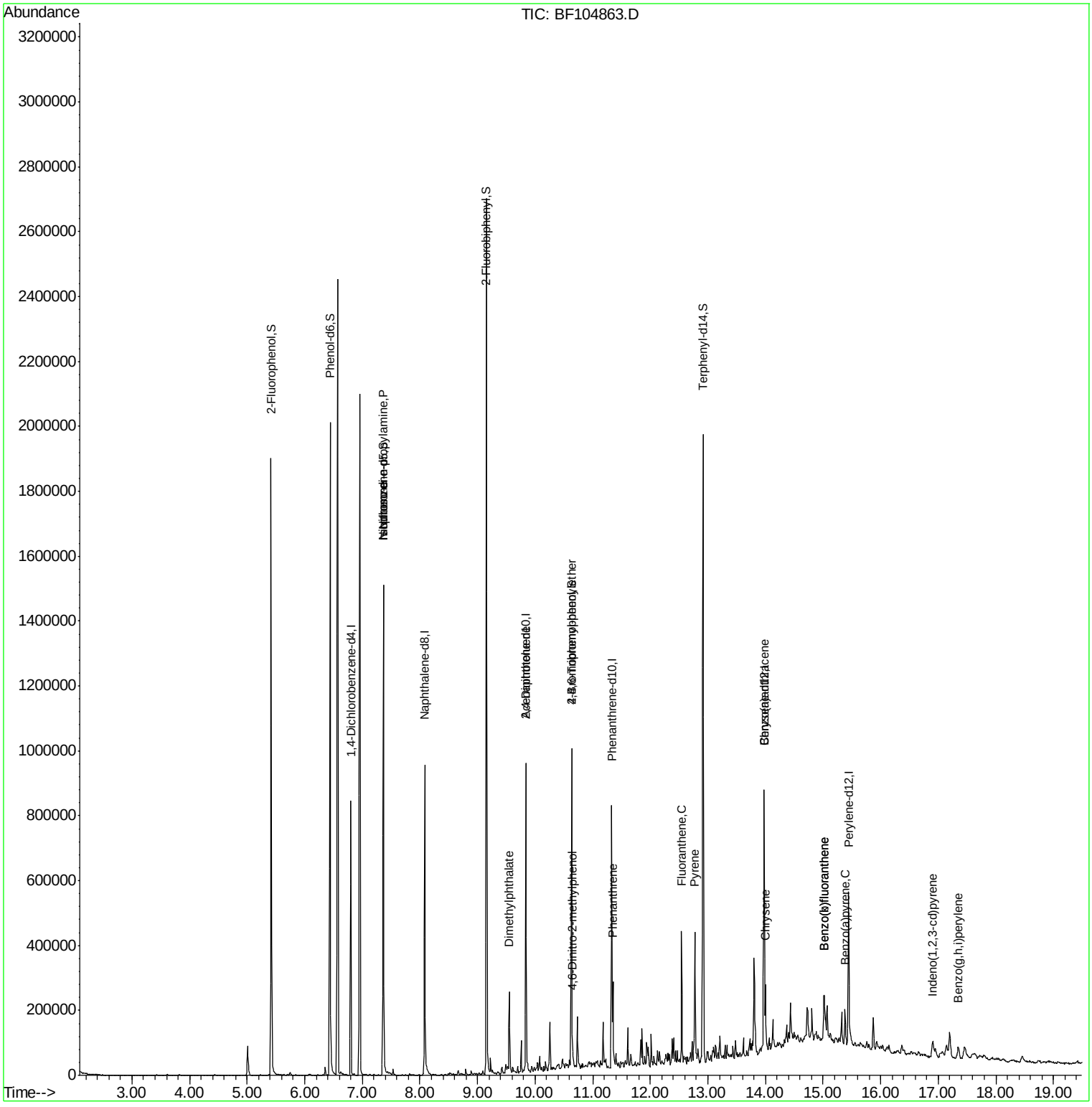
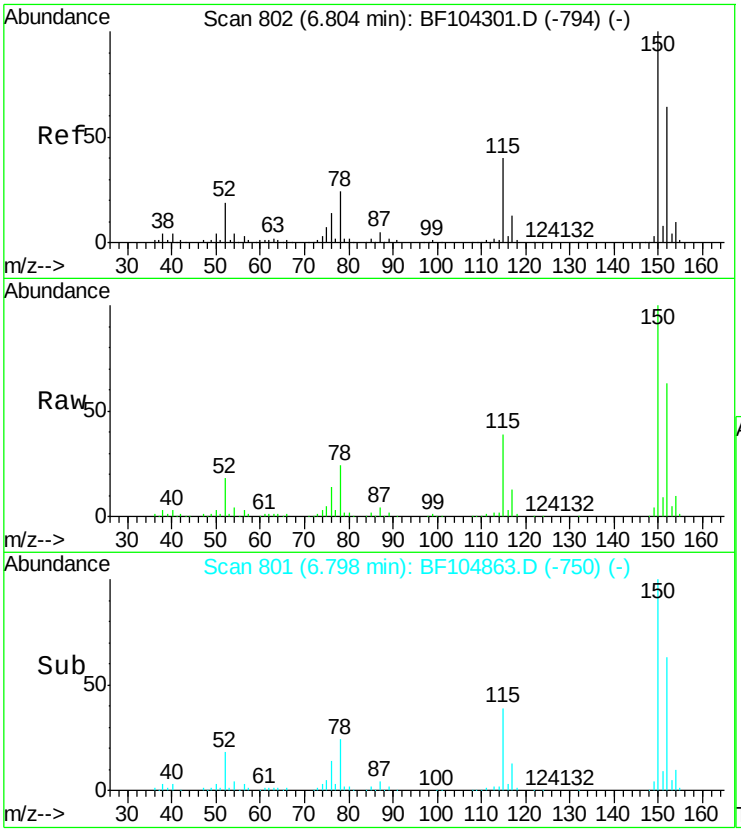
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

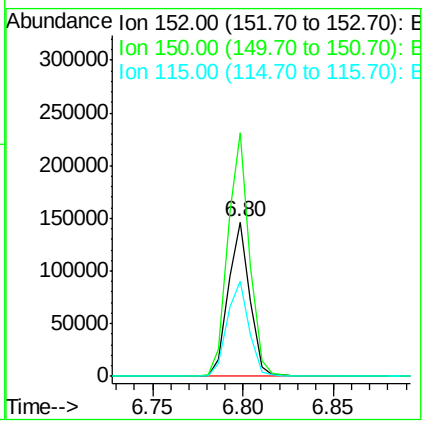




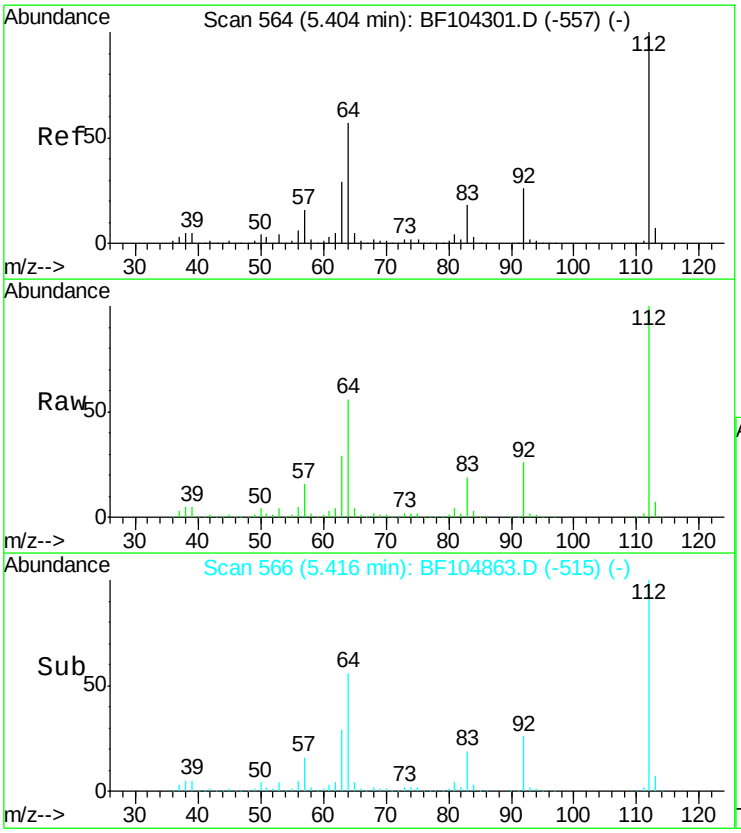
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Tgt Ion:152 Resp: 121008

Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	62.0	50.1	75.1



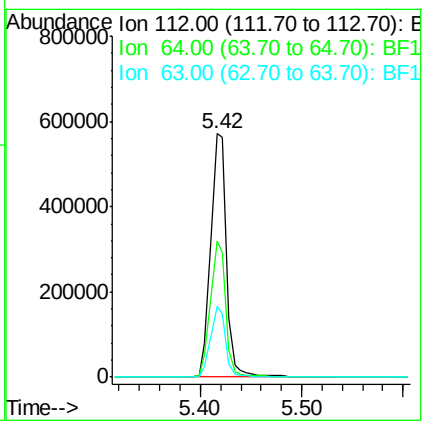
Instrument :
BNA_F
ClientSampleId :

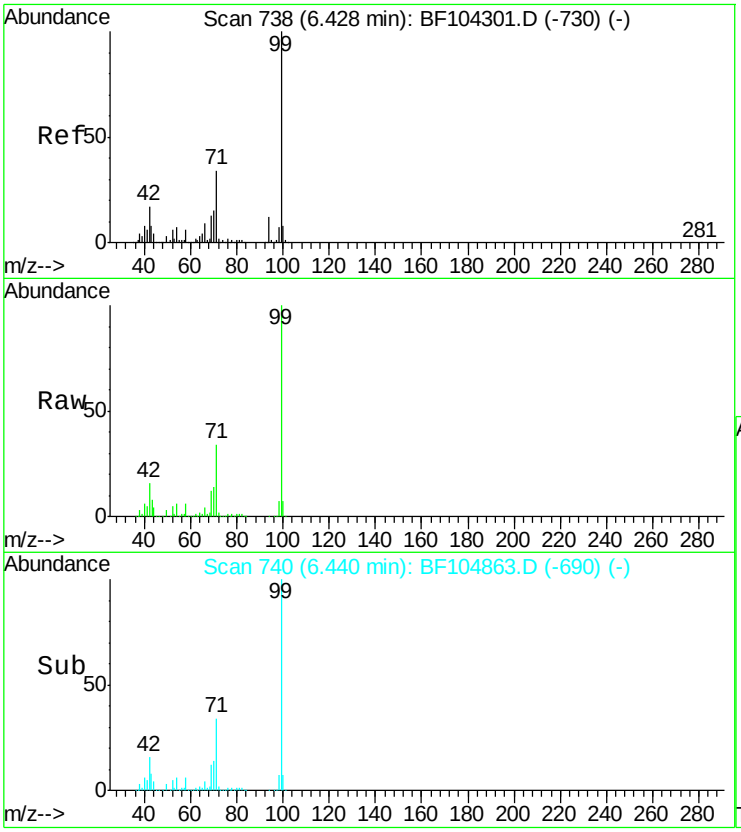


#5
2-Fluorophenol
Concen: 79.014 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Tgt Ion:112 Resp: 625310

Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	28.9	23.7	35.5



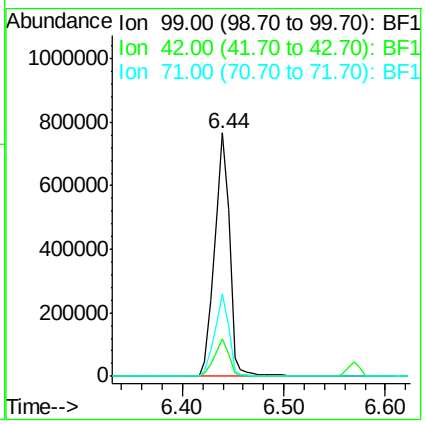


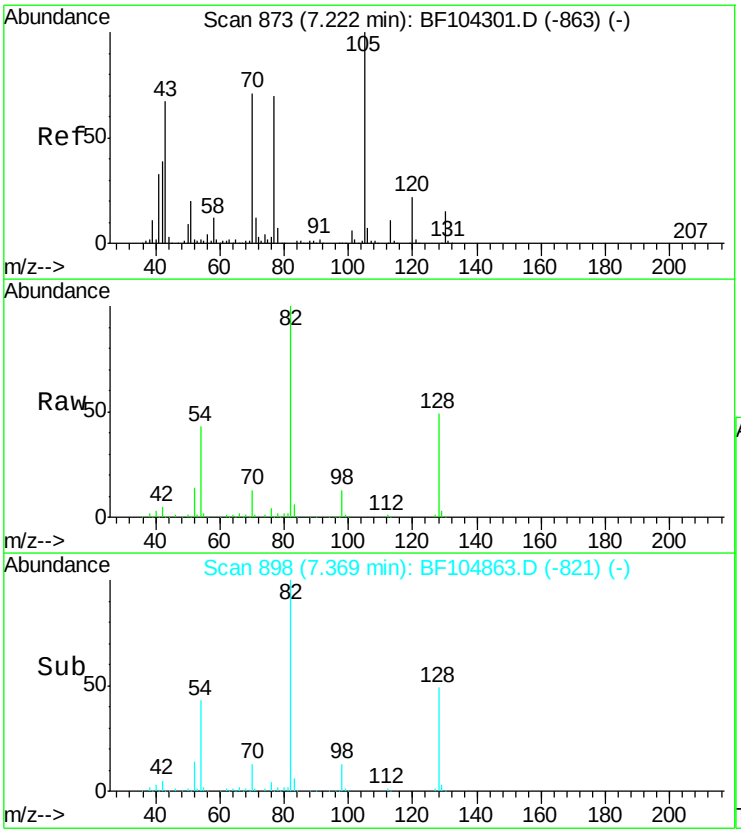
#7
Phenol-d6
Concen: 81.535 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 792819

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.5	21.7
71	33.7	25.4	38.0

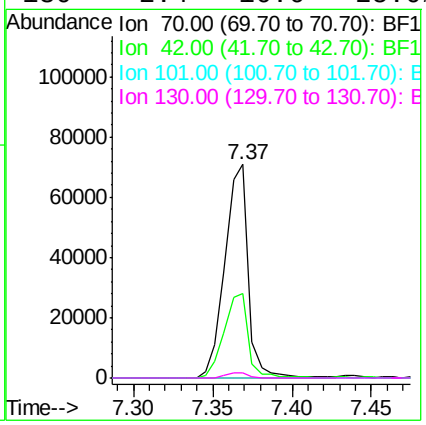


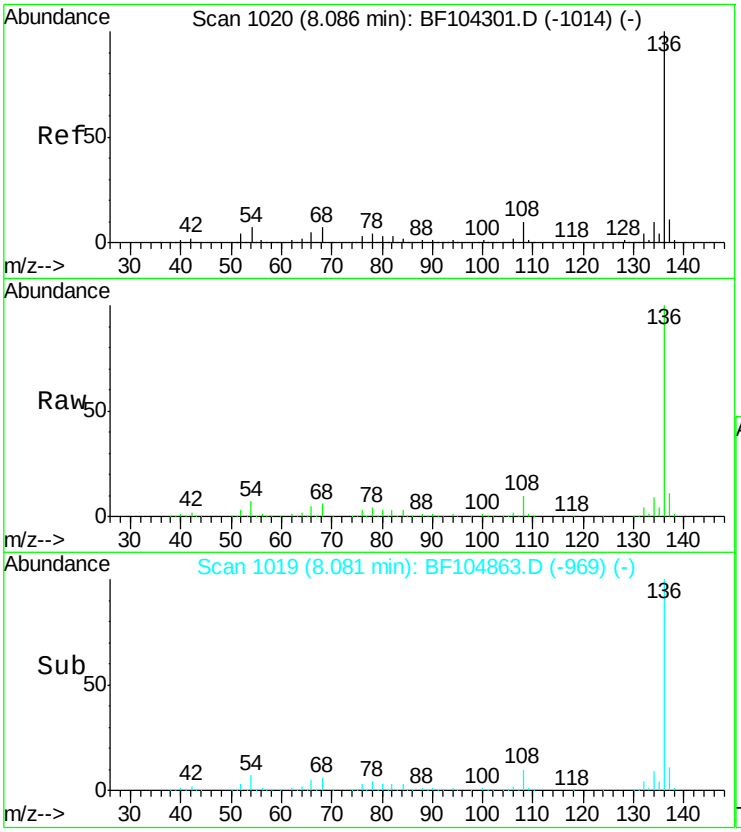


#19
n-Nitroso-di-n-propylamine
Concen: 11.466 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.15 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Tgt Ion: 70 Resp: 72855

Ion	Ratio	Lower	Upper
70	100		
42	39.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



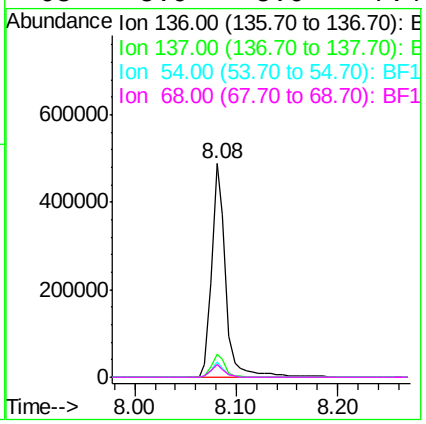


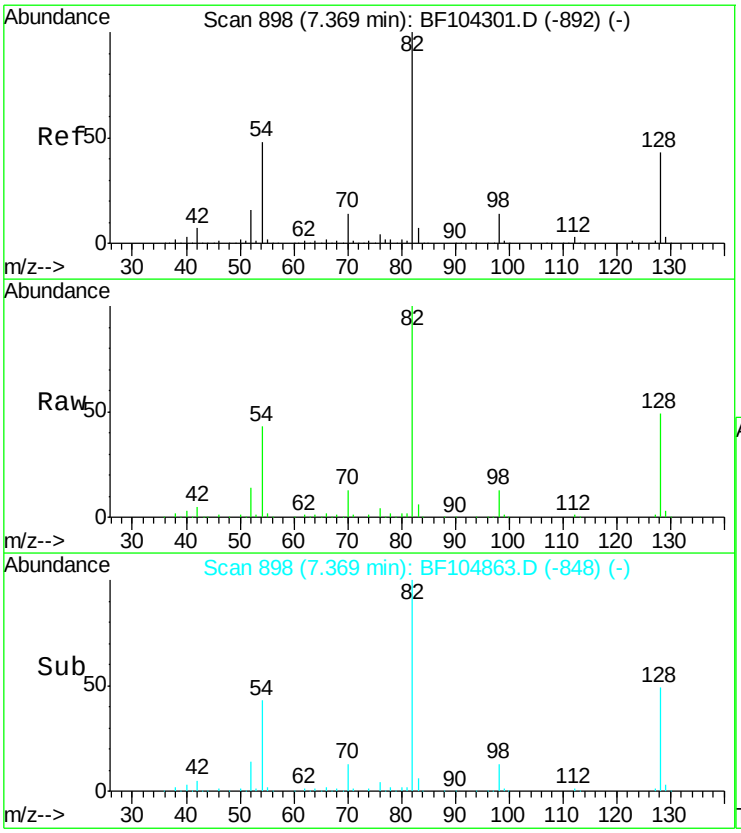
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 470604

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.1	6.6	9.8
68	5.9	5.0	7.4

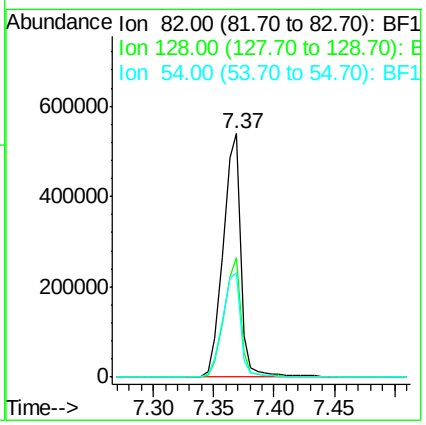


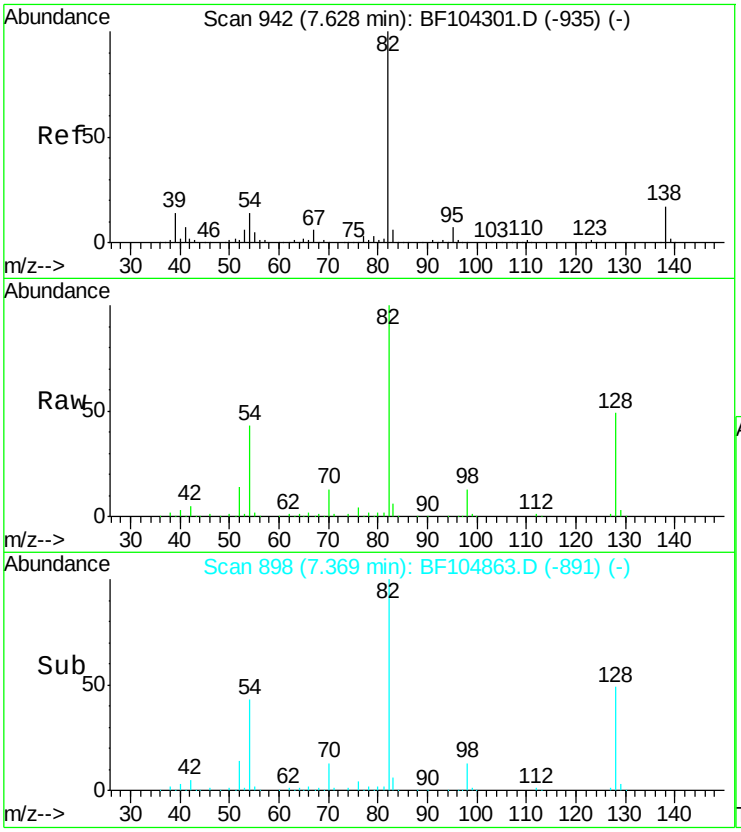


#23
Nitrobenzene-d5
Concen: 76.367 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Tgt Ion: 82 Resp: 550376

Ion	Ratio	Lower	Upper
82	100		
128	49.2	36.1	54.1
54	42.6	41.4	62.2



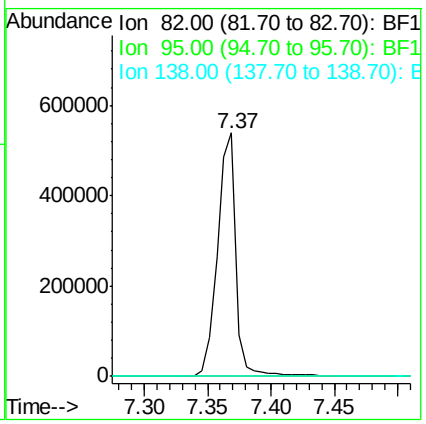


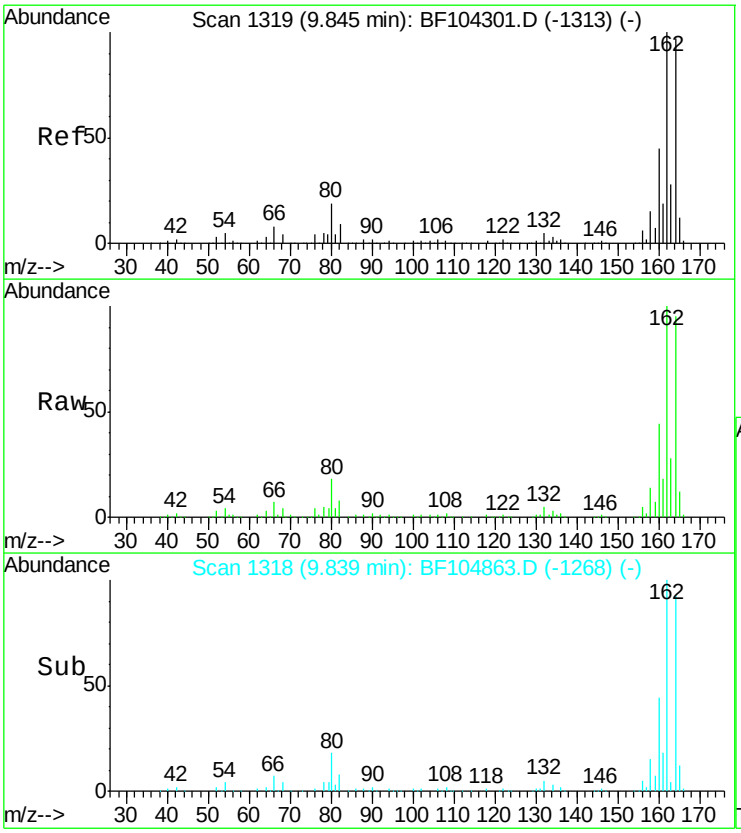
#25
Isophorone
Concen: 36.118 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 550447

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

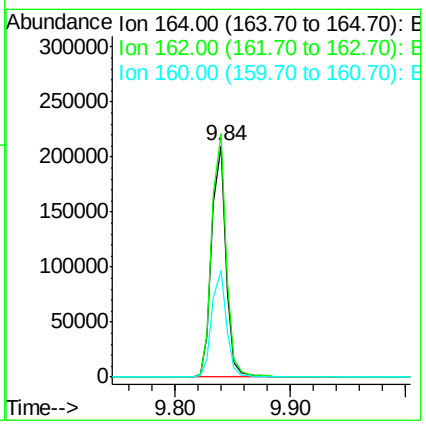


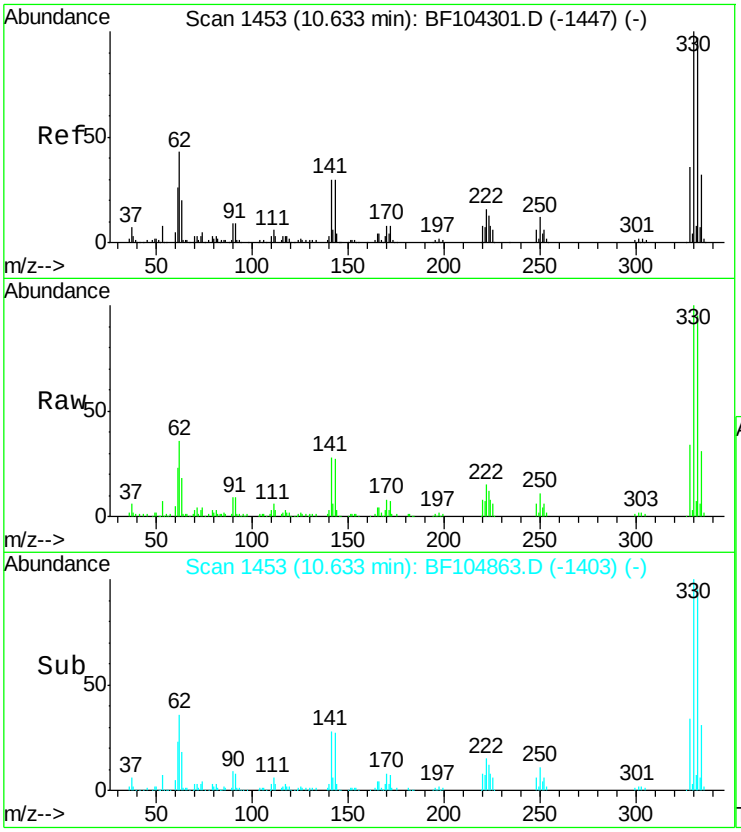


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Tgt Ion:164 Resp: 180874

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	46.2	38.3	57.5



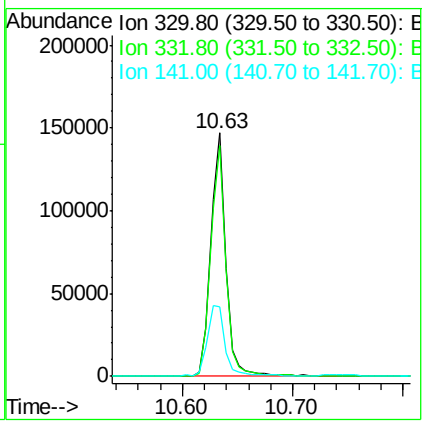


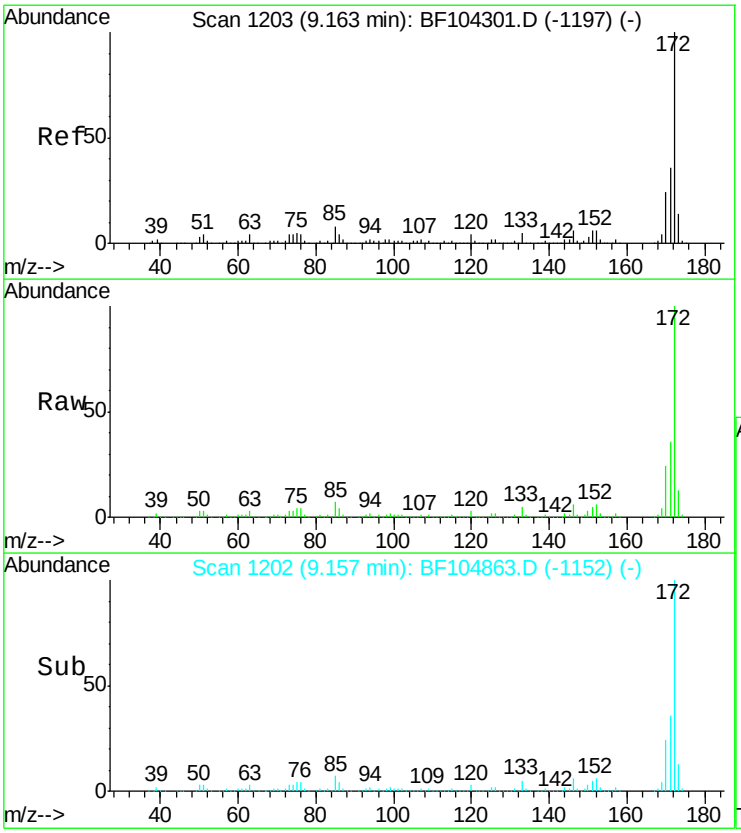
#41
2,4,6-Tribromophenol
Concen: 72.917 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 136810

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	34.7	29.9	44.9

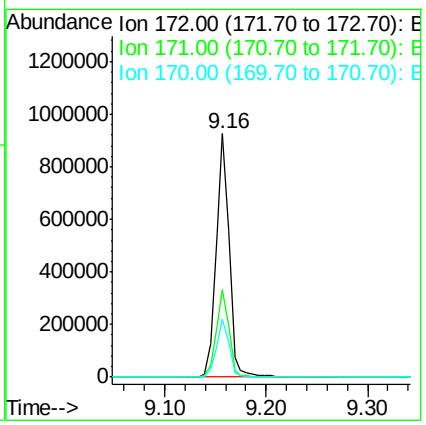


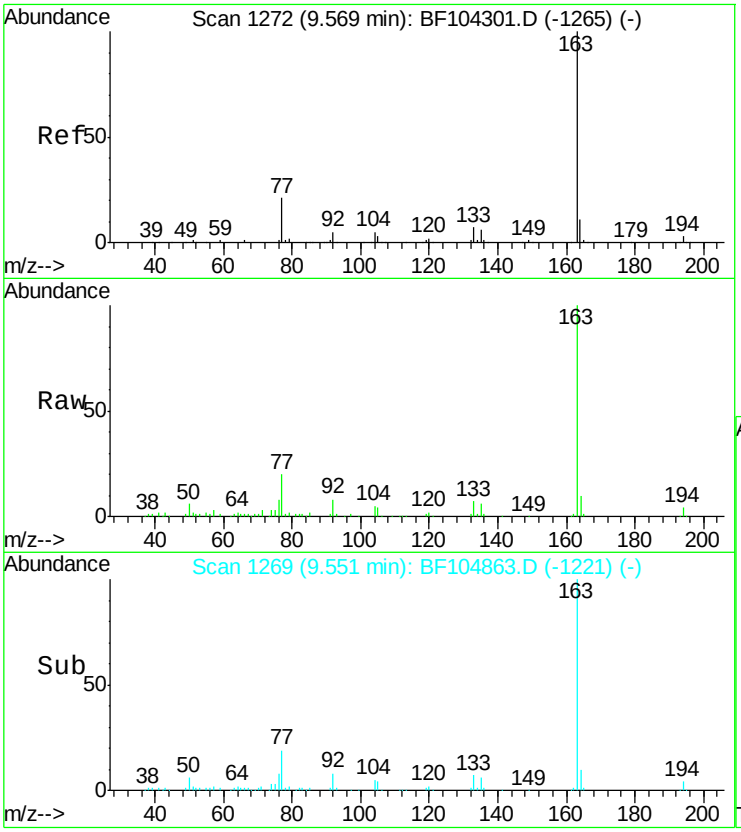


#44
2-Fluorobiphenyl
Concen: 72.042 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Tgt Ion:172 Resp: 824849

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	19.6	29.4



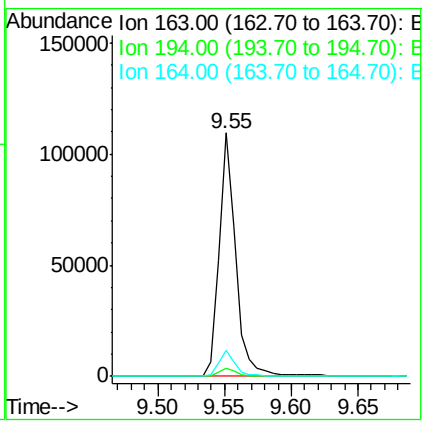


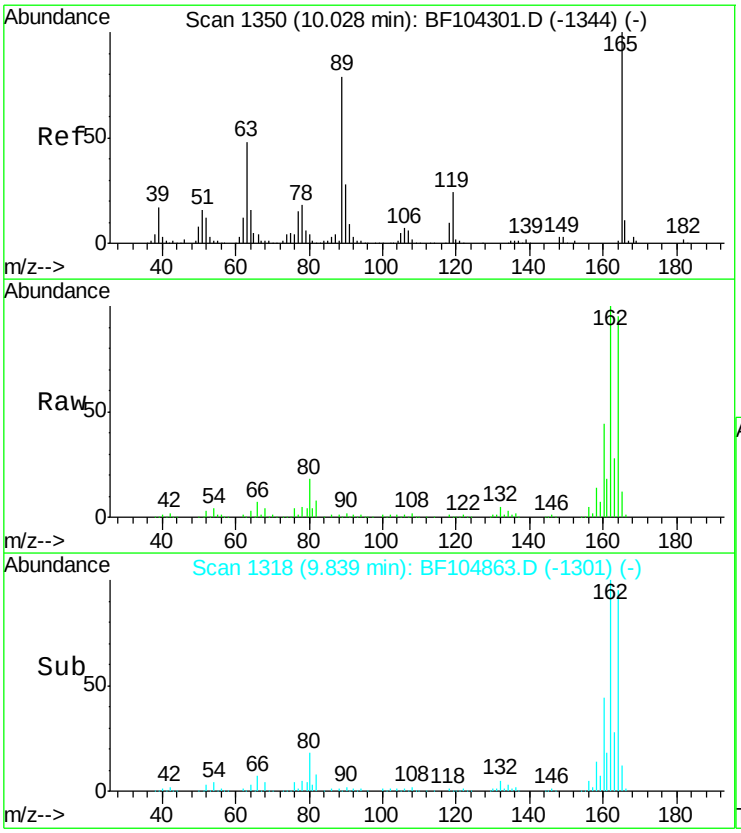
#49
Dimethylphthalate
Concen: 6.772 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 96590

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.5	8.2	12.2

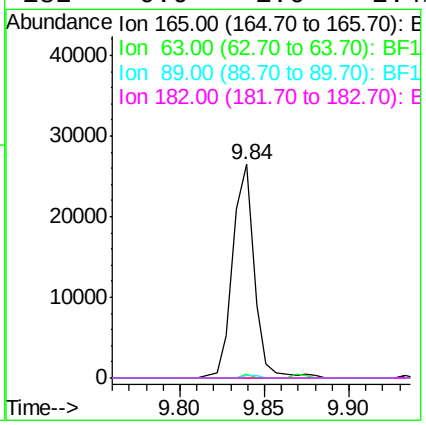


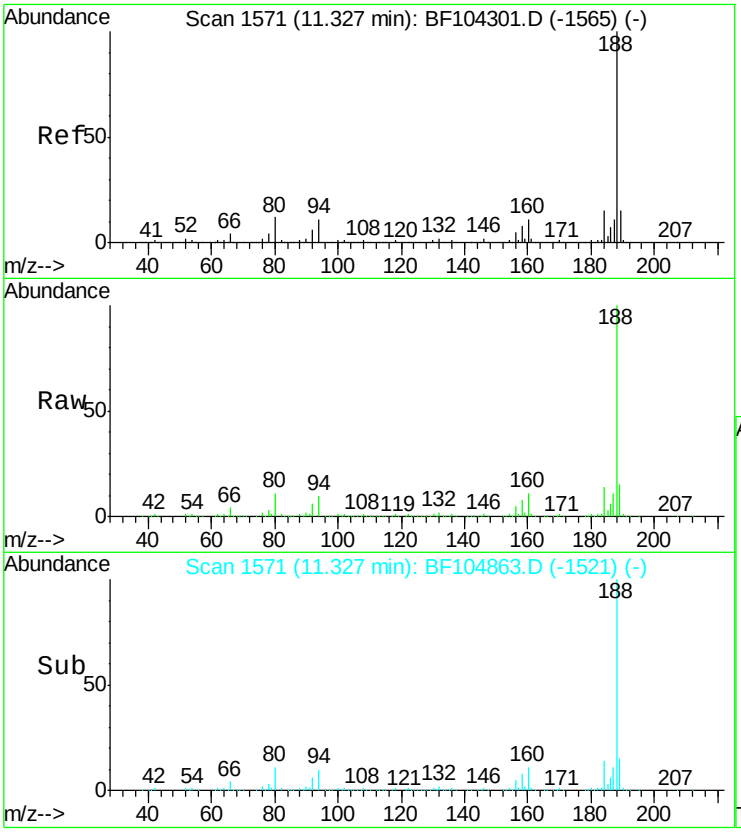


#56
2,4-Dinitrotoluene
Concen: 6.808 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.20 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Tgt Ion:165 Resp: 23568

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



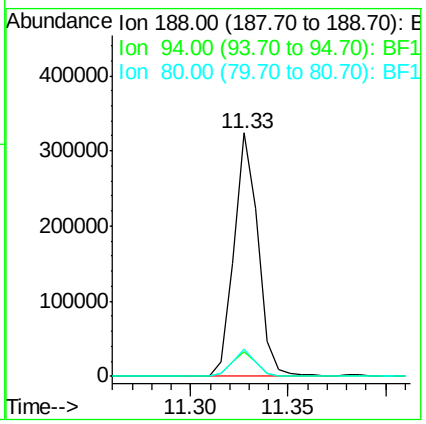


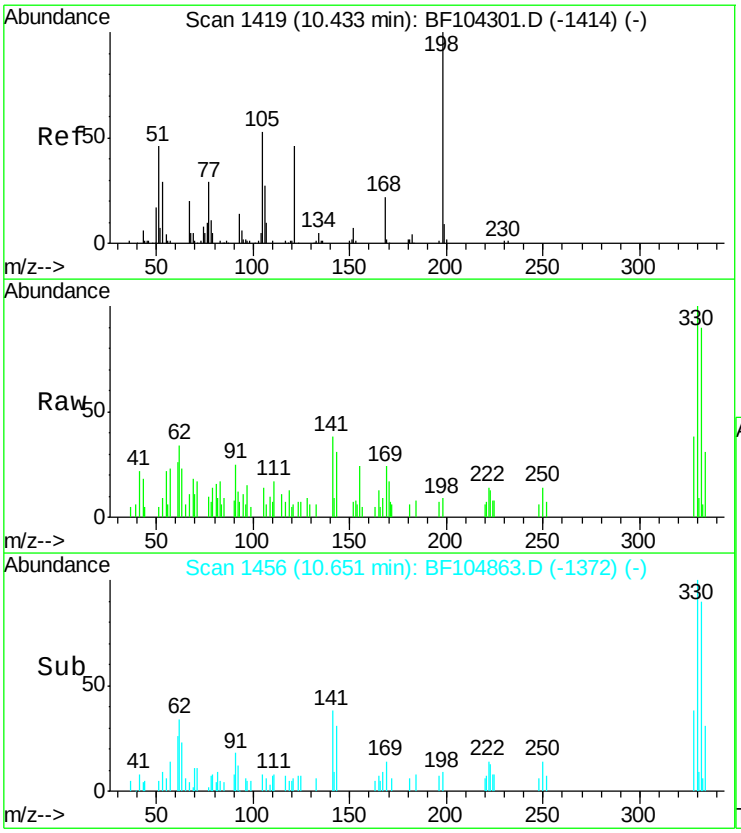
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 277766

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.3	9.2	13.8

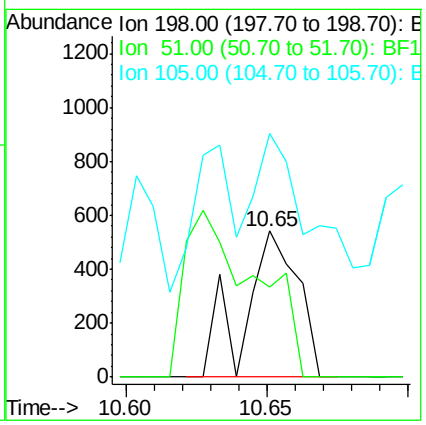


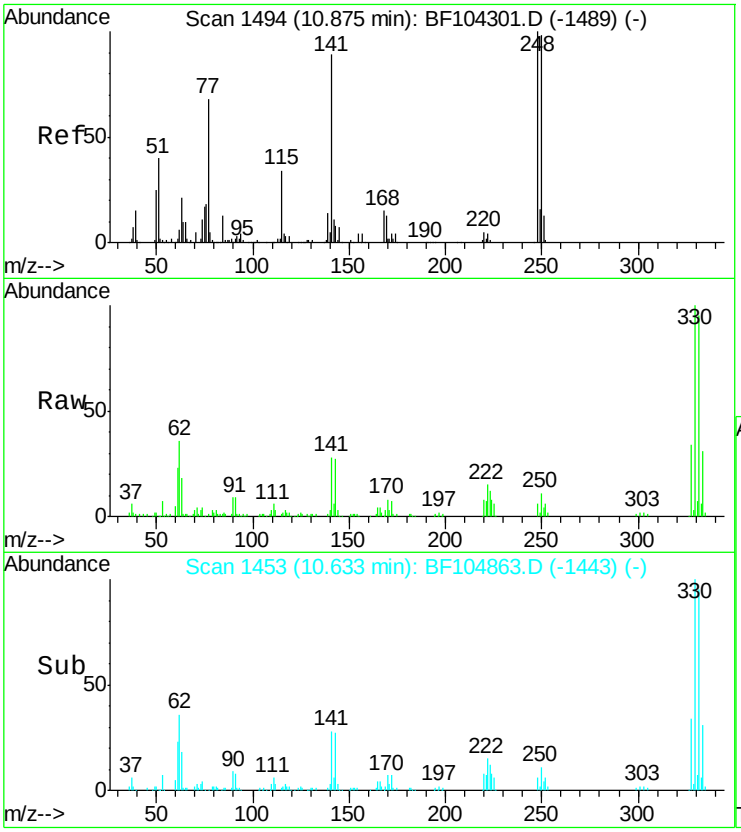


#64
4,6-Dinitro-2-methylphenol
Concen: 7.789 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.19 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Tgt Ion:198 Resp: 706

Ion	Ratio	Lower	Upper
198	100		
51	61.6	37.7	77.7
105	166.6	36.3	76.3#



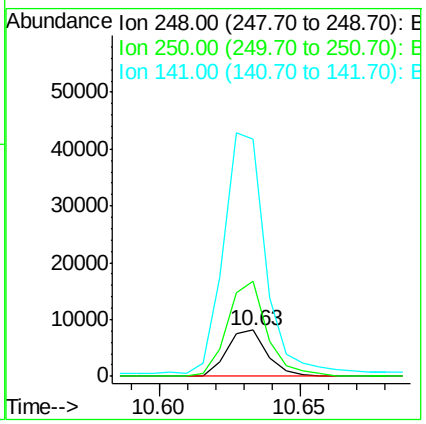


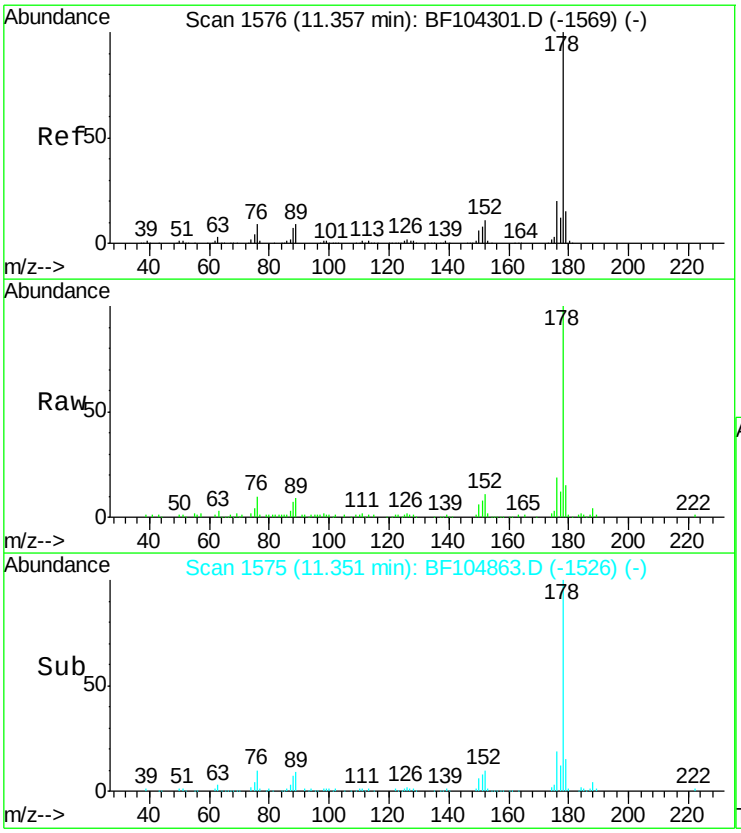
#66
4-Bromophenyl-phenylether
Concen: 2.696 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 7966

Ion	Ratio	Lower	Upper
248	100		
250	207.0	76.9	115.3#
141	514.8	74.4	111.6#

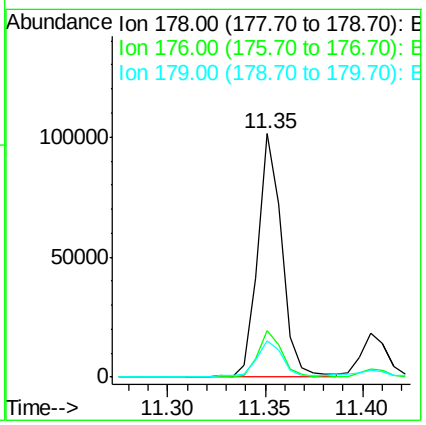


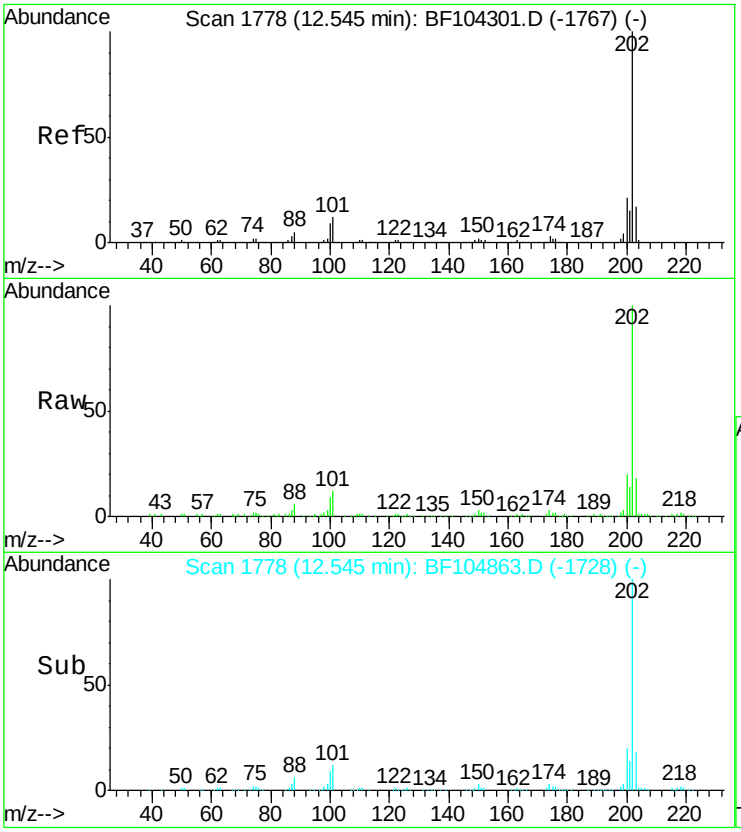


#70
Phenanthrene
Concen: 5.608 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Tgt Ion:178 Resp: 86744

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.1	13.0	19.6



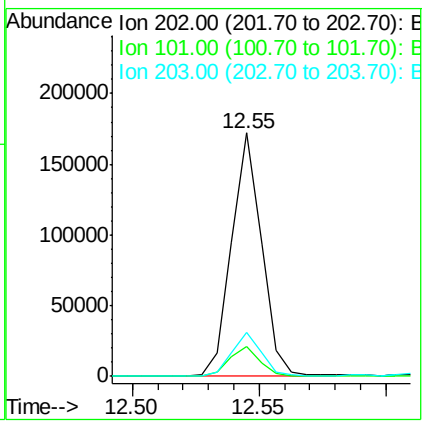


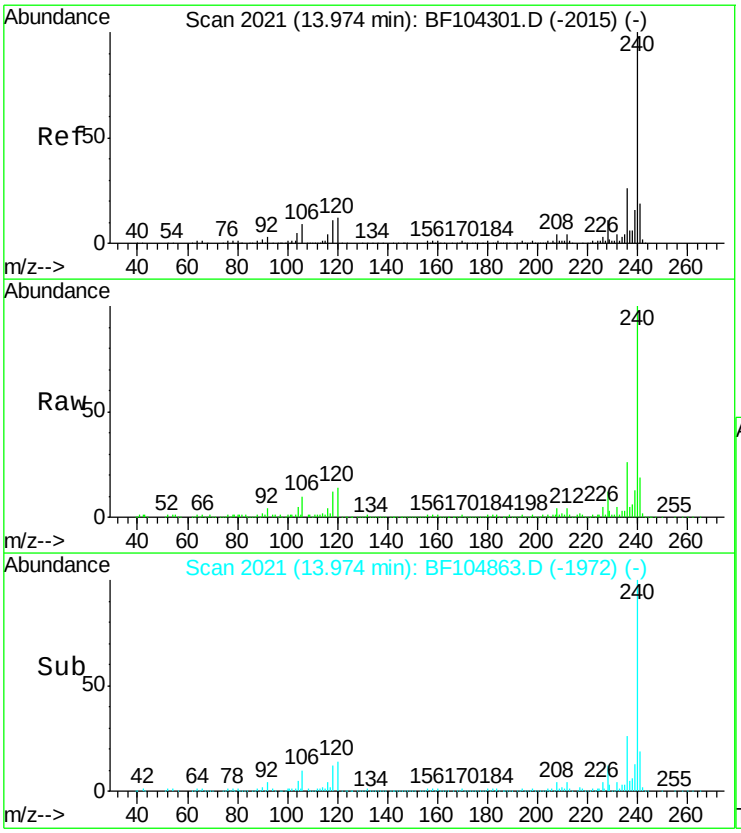
#74
Fluoranthene
Concen: 8.823 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 142596

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	17.8	0.0	38.1

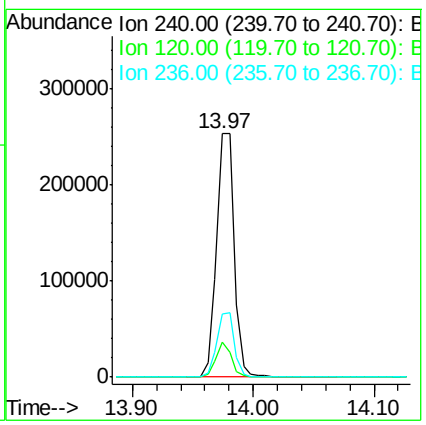


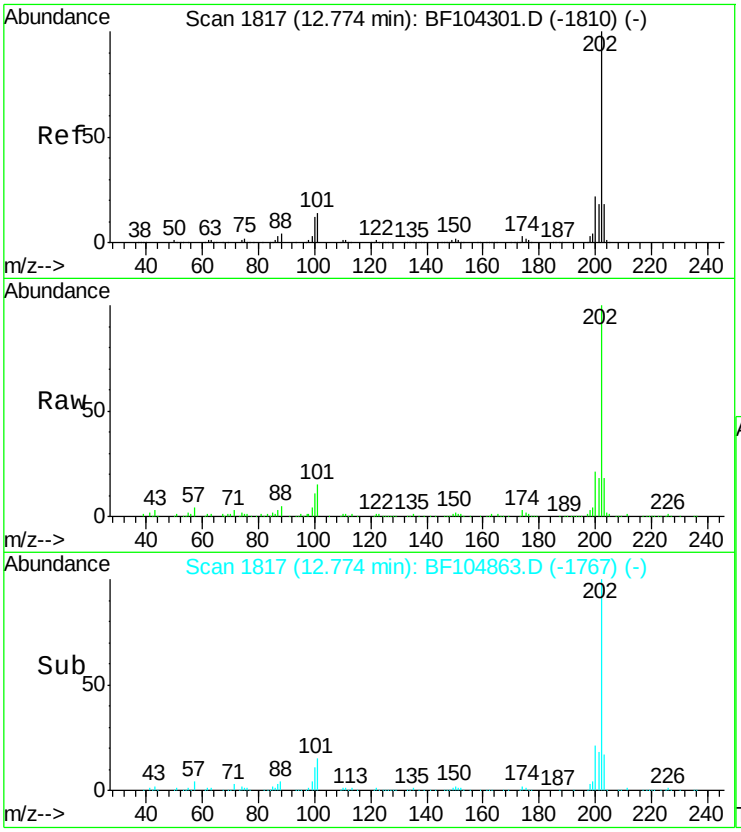


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Tgt Ion:240 Resp: 254828

Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	25.8	20.7	31.1



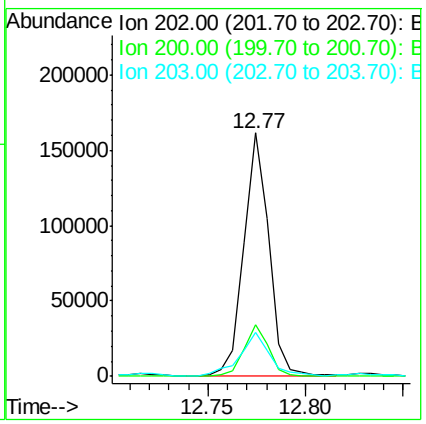


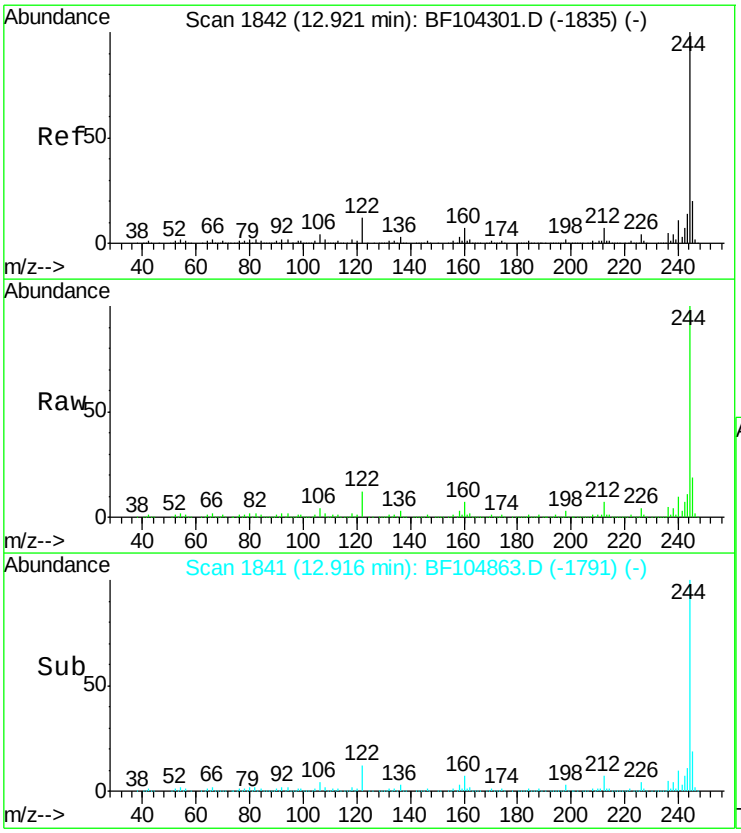
#77
Pyrene
Concen: 7.545 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 142518

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.0	14.3	21.5

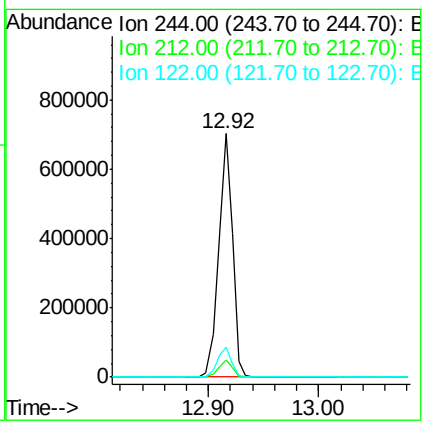


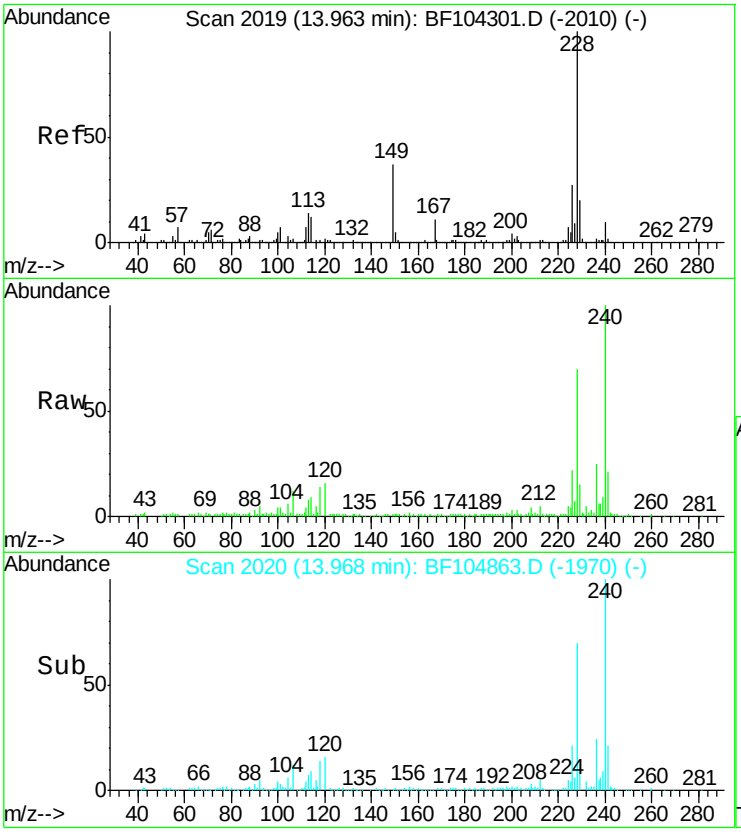


#78
Terphenyl-d14
Concen: 54.863 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Tgt Ion:244 Resp: 613233

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.3	11.0	16.4



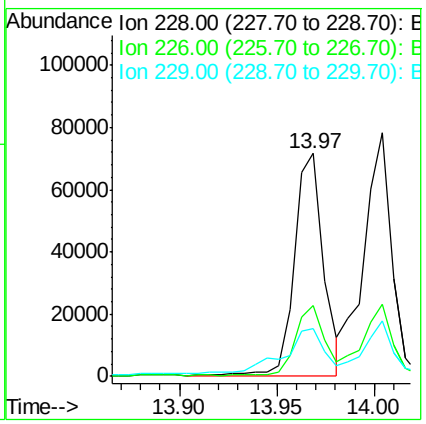


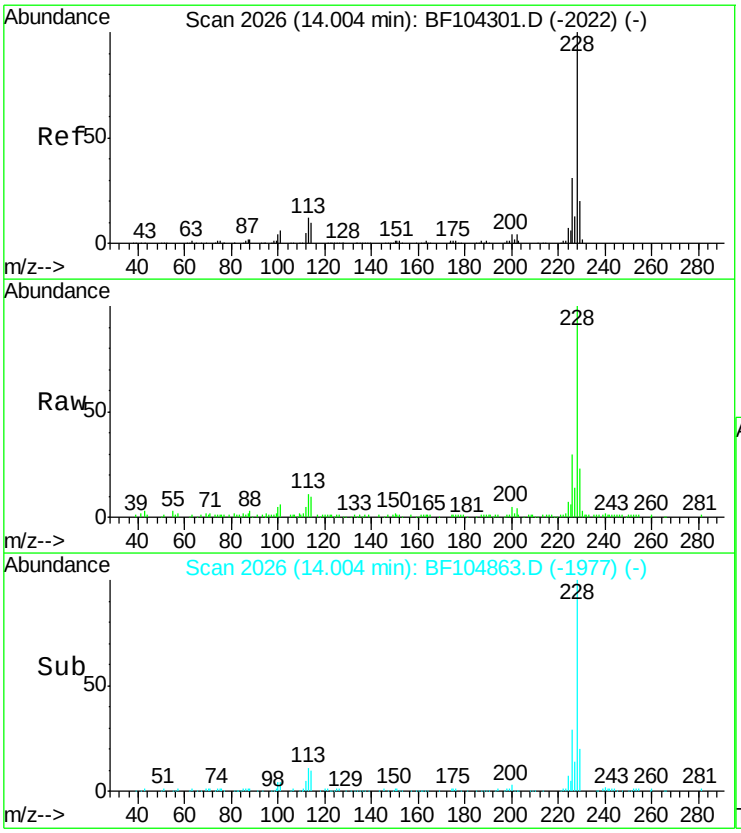
#80
Benzo(a)anthracene
Concen: 4.905 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 74673

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.6	33.8
229	21.2	15.8	23.6

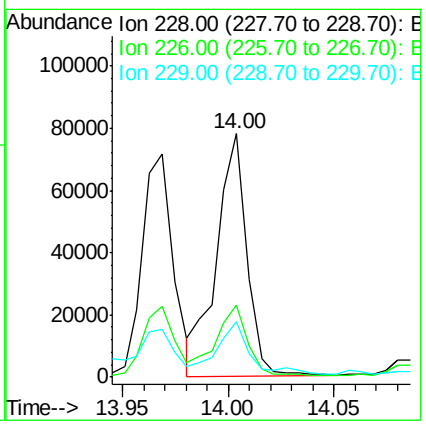


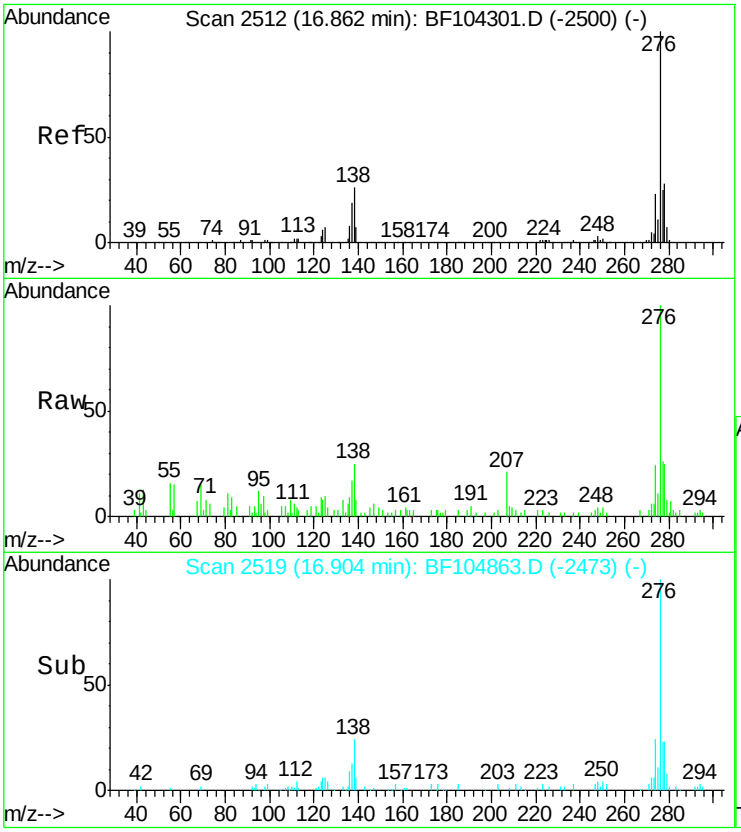


#82
Chrysene
Concen: 4.990 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Tgt Ion:228 Resp: 78028

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	22.5	16.2	24.4



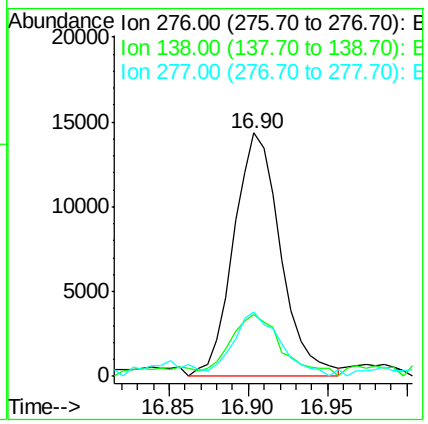


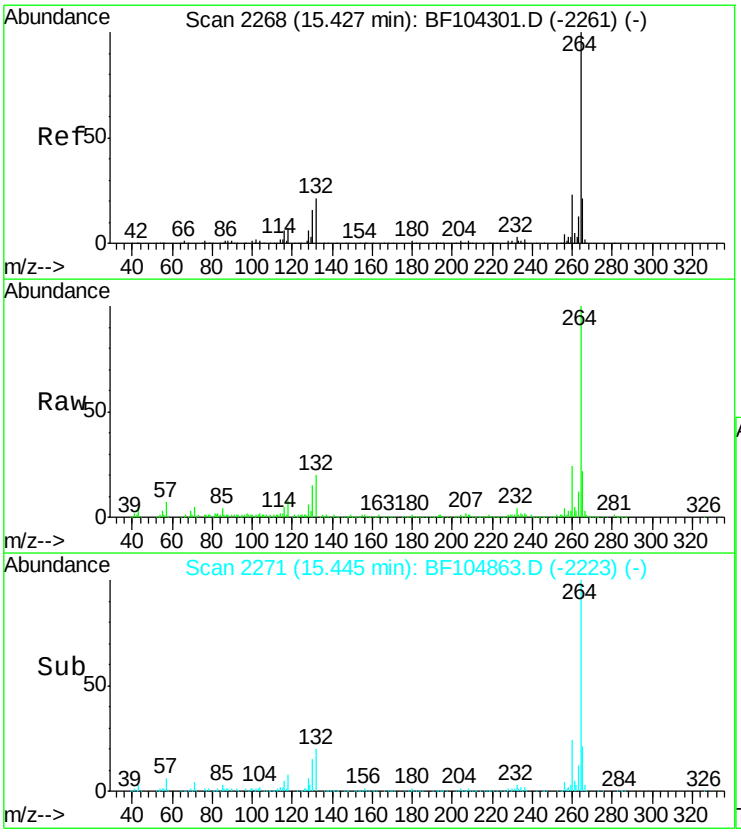
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.223 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.03 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 29524

Ion	Ratio	Lower	Upper
276	100		
138	27.9	25.0	37.6
277	26.1	20.1	30.1

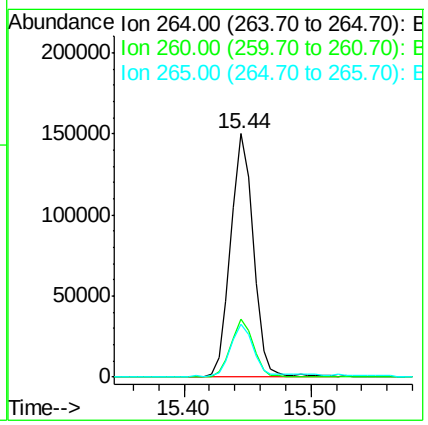


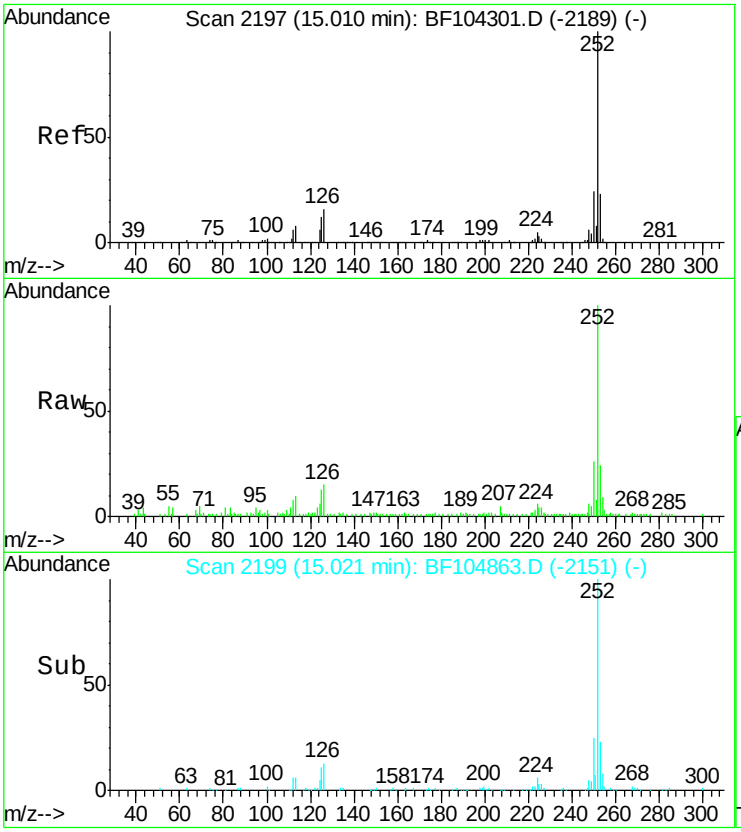


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Tgt Ion:264 Resp: 186556

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.5	26.3



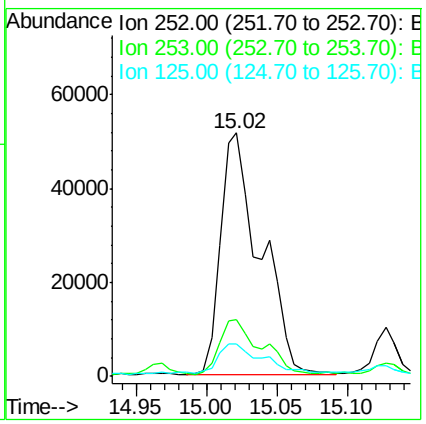


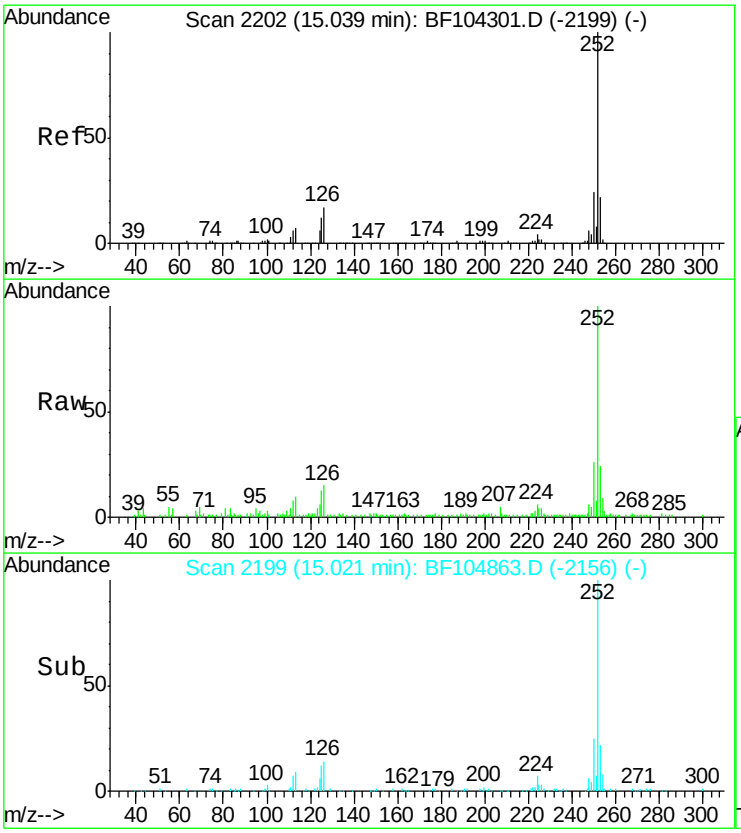
#87
Benzo(b)fluoranthene
Concen: 8.595 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 101266

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	13.4	9.0	13.6

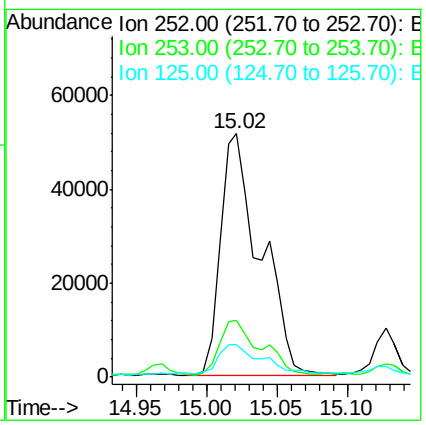


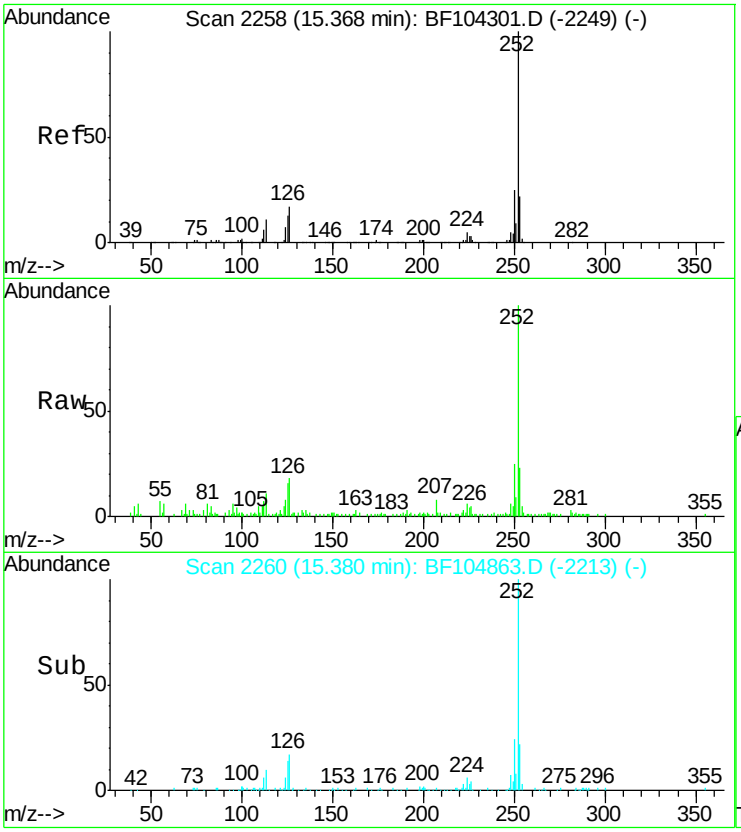


#88
Benzo(k)fluoranthene
Concen: 9.104 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.05 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Tgt Ion:252 Resp: 101266

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	13.4	10.2	15.2



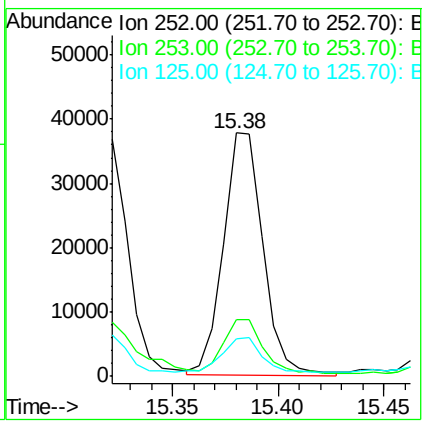


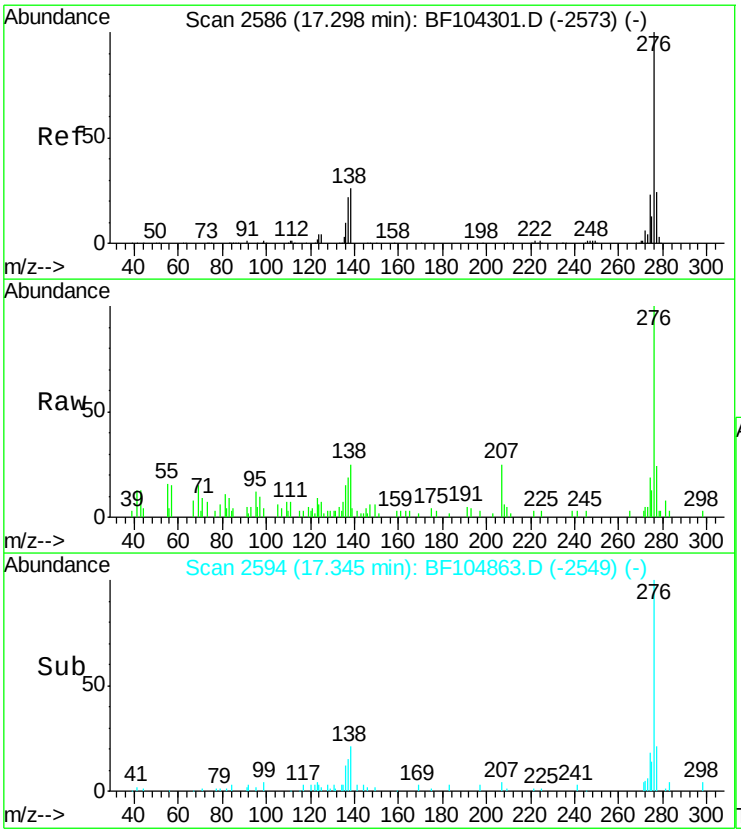
#89
Benzo(a)pyrene
Concen: 4.647 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 48996

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	15.6	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.691 ng
RT: 17.34 min Scan# 2594
Delta R.T. -0.04 min
Lab File: BF104863.D
Acq: 27 Apr 2018 5:38

Tgt Ion:276 Resp: 30963

Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	24.7	21.8	32.8