Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042718\
Data File : BF104881.D
Acq On : 27 Apr 2018 15:16
Operator : JU/SJ
Sample : J2482-04RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 27 17:19:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 27 17:16:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	107757	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	454316	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	206580	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	374812	20.00	ng		0.00
75) Chrysene-d12	13.97	240	238474	20.00	ng		-0.01
86) Perylene-d12	15.45	264	238202	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	634422	90.02	ng		0.00
7) Phenol-d6	6.44	99	780954	90.19	ng		0.00
23) Nitrobenzene-d5	7.36	82	479422	68.91	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	204252	95.32	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	777055	59.42	ng		0.00
78) Terphenyl-d14	12.92	244	678643	64.88	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.55	163	73979	4.541	ng		99
70) Phenanthrene	11.35	178	219183	10.501	ng		98
71) Anthracene	11.40	178	60380	2.846	ng		97
74) Fluoranthene	12.55	202	386435	17.720	ng		98
77) Pyrene	12.77	202	342374	19.369	ng		99
80) Benzo(a)anthracene	13.97	228	159183	11.173	ng		99
82) Chrysene	14.00	228	143835	9.829	ng		98
85) Indeno(1,2,3-cd)pyrene	16.91	276	91625	7.371	ng	#	92
87) Benzo(b)fluoranthene	15.02	252	180547m	12.001	ng		
88) Benzo(k)fluoranthene	15.04	252	60182m	4.237	ng		
89) Benzo(a)pyrene	15.39	252	137387	10.206	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	24539m	2.220	ng		
91) Benzo(g,h,i)perylene	17.35	276	93362	8.716	ng		97

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

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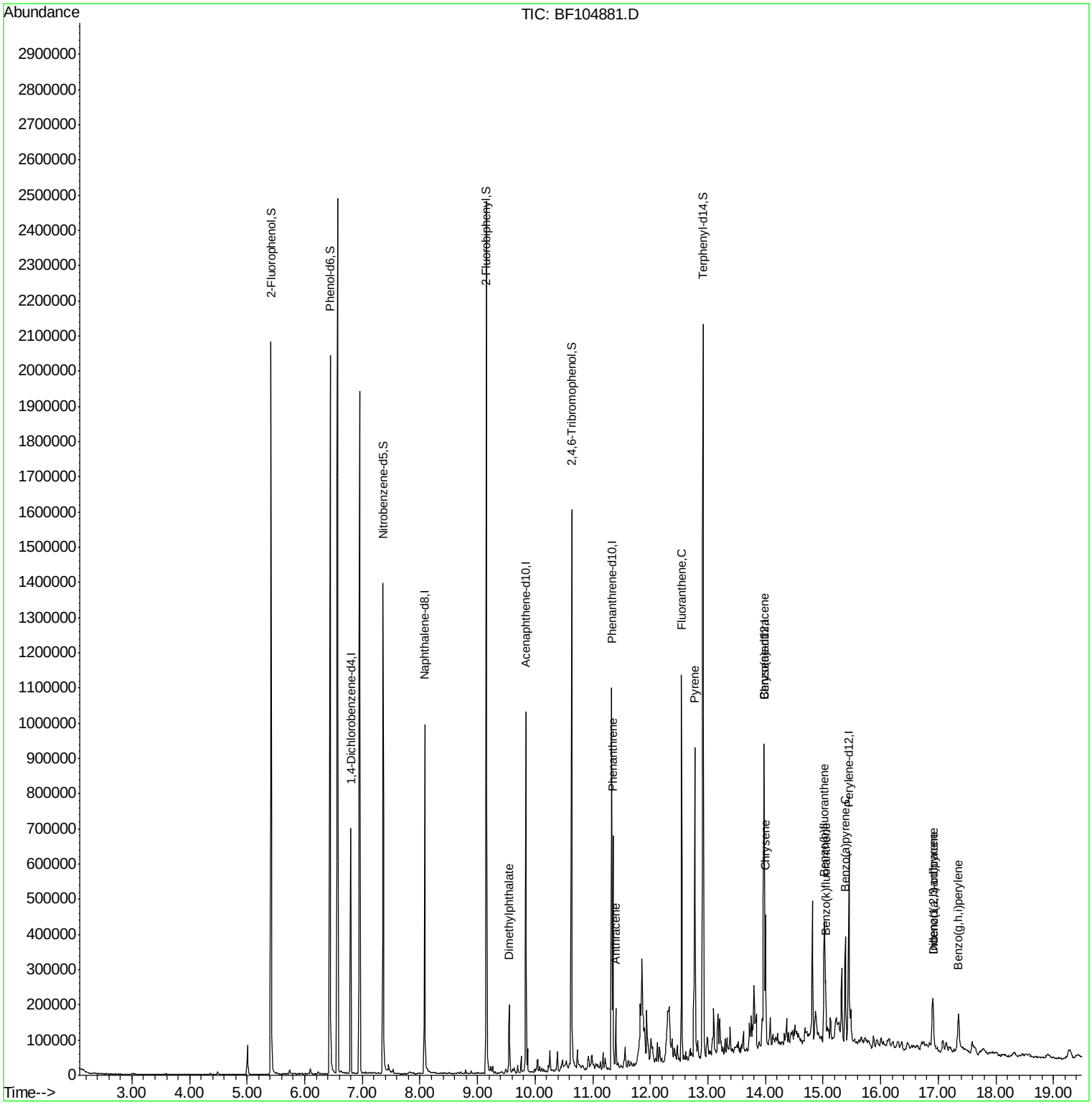
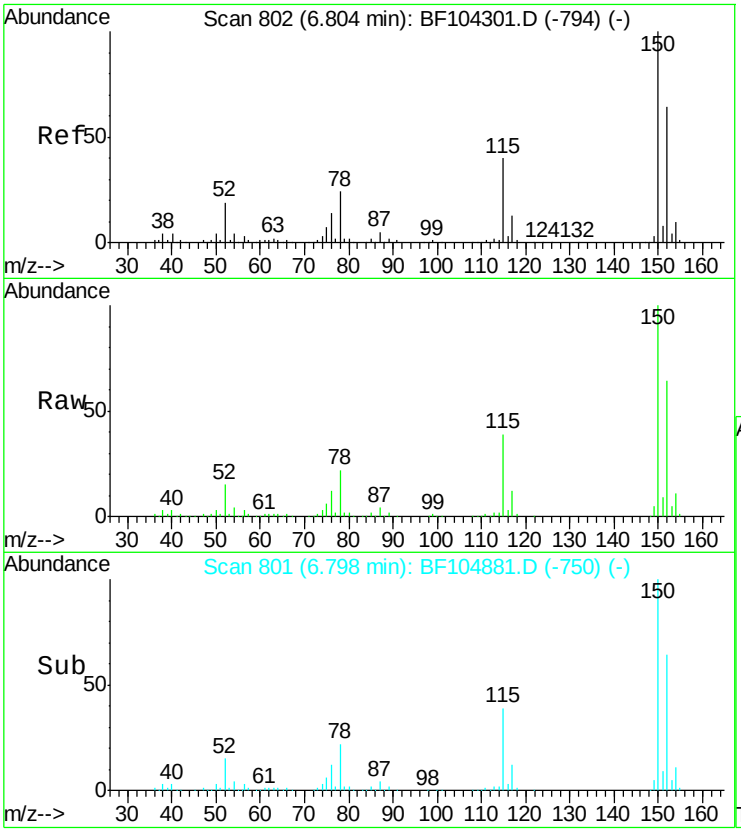
Data File : BF104881.D
Acq On : 27 Apr 2018 15:16
Operator : JU/SJ
Sample : J2482-04RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 27 17:19:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 27 17:16:11 2018
Response via : Initial Calibration

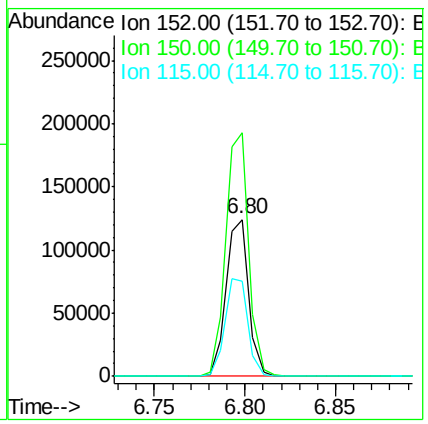


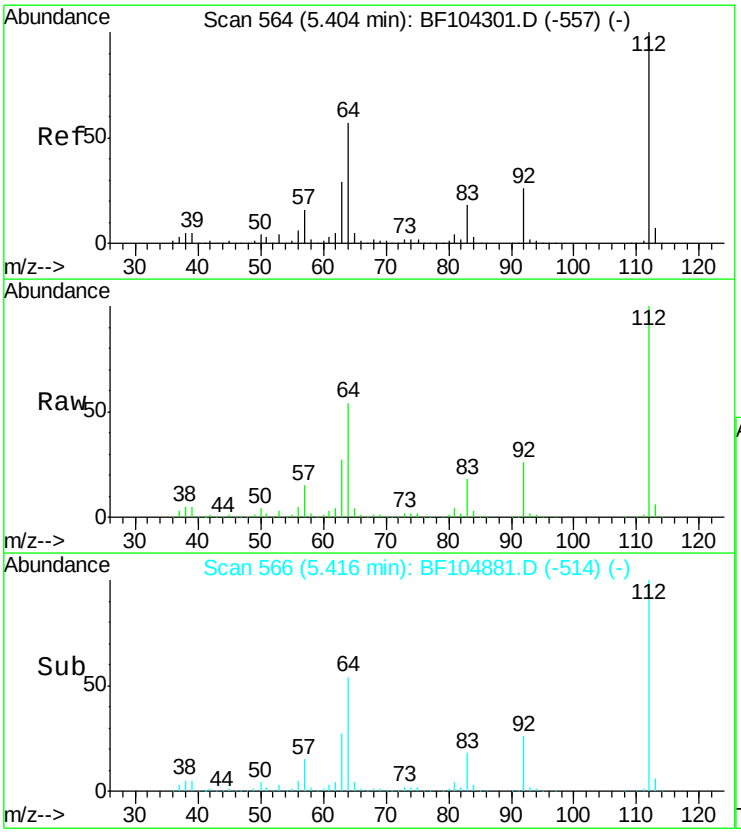


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:152 Resp: 107757

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	60.9	50.1	75.1

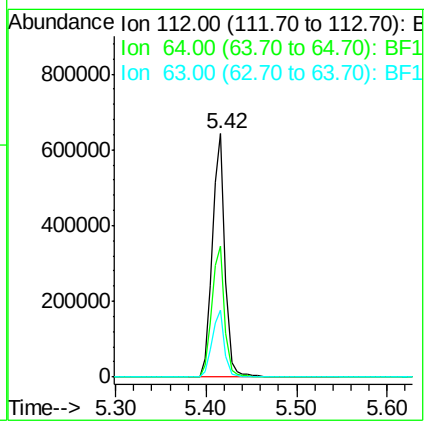


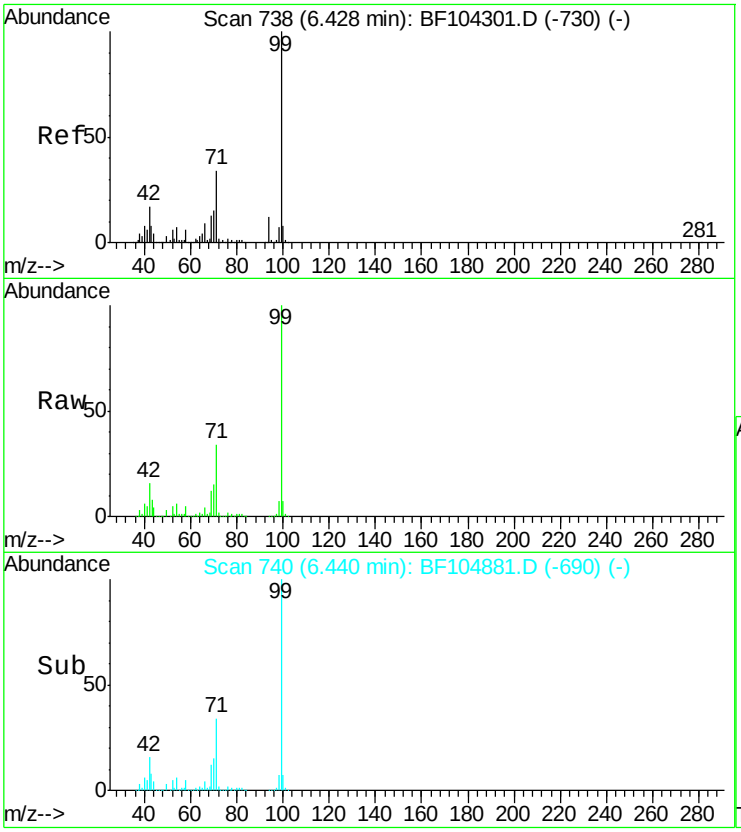


#5
2-Fluorophenol
Concen: 90.024 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:112 Resp: 634422

Ion	Ratio	Lower	Upper
112	100		
64	53.7	47.9	71.9
63	27.4	23.7	35.5

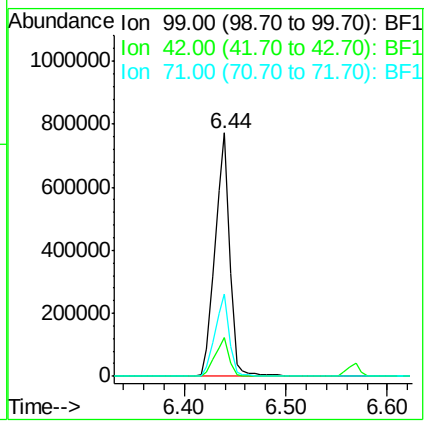


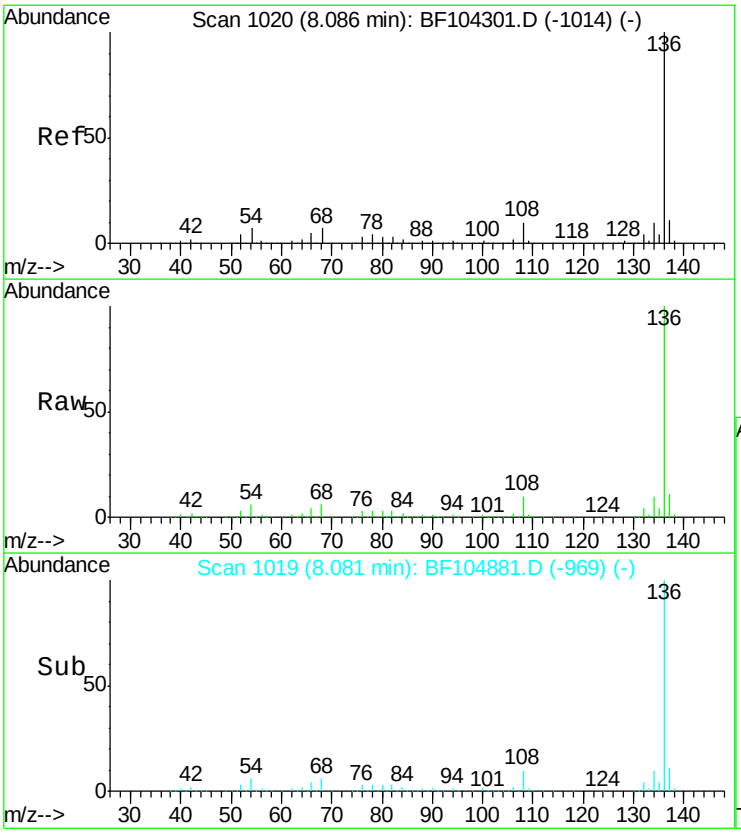


#7
Phenol-d6
Concen: 90.192 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion: 99 Resp: 780954

Ion	Ratio	Lower	Upper
99	100		
42	15.9	14.5	21.7
71	33.7	25.4	38.0

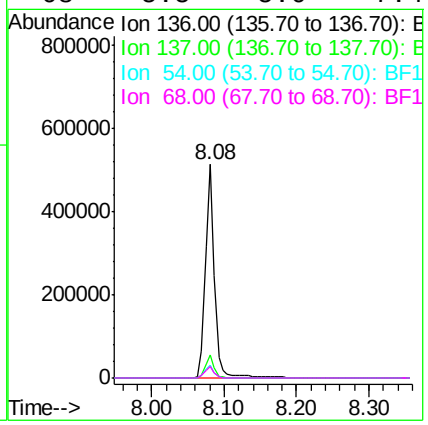


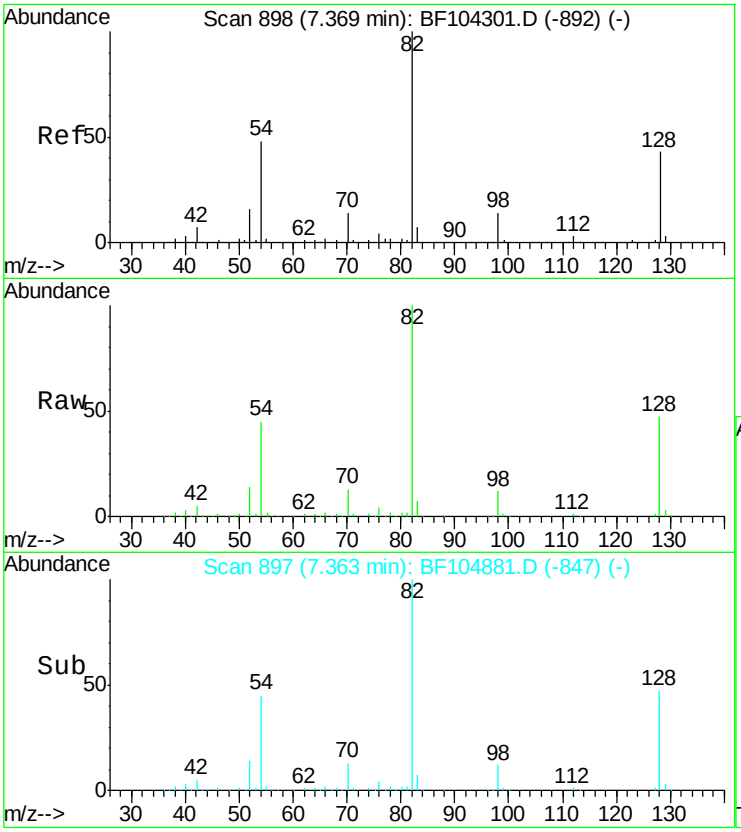


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:136 Resp: 454316

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.3	6.6	9.8#
68	5.5	5.0	7.4

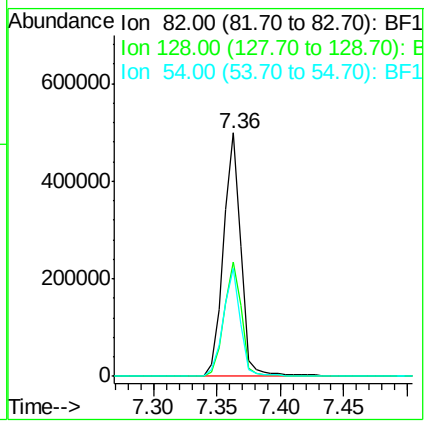


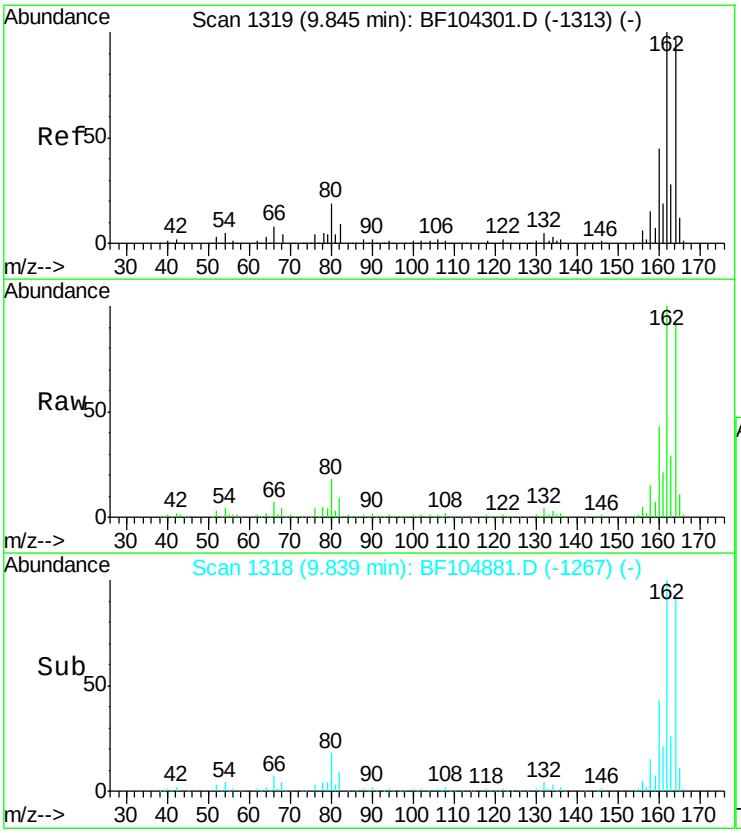


#23
Nitrobenzene-d5
Concen: 68.907 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion: 82 Resp: 479422

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	44.5	41.4	62.2

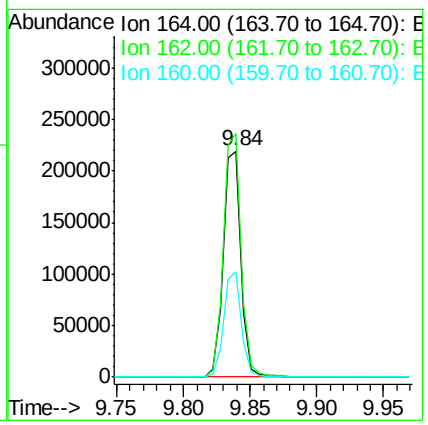


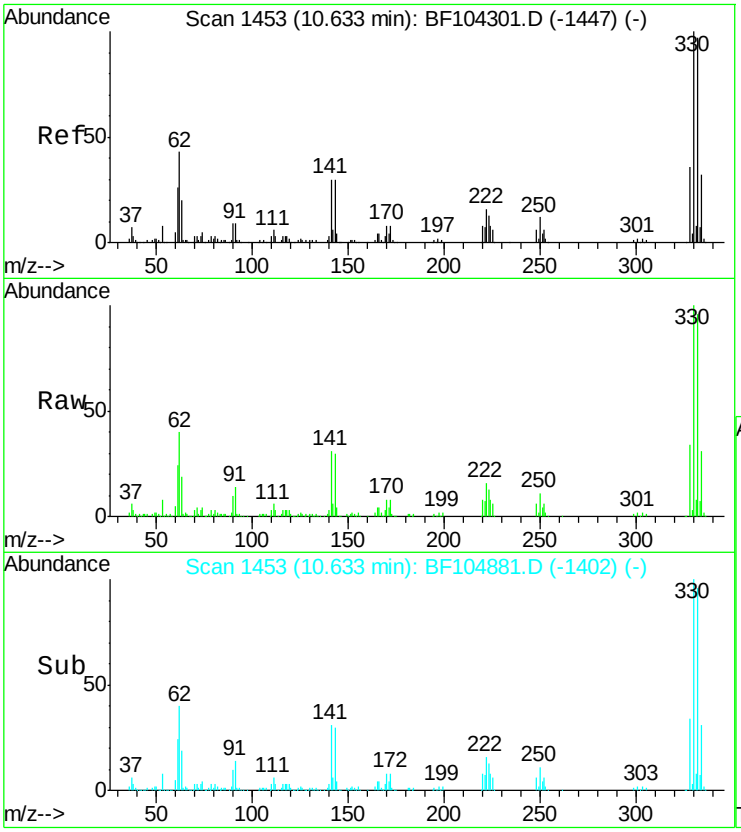


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:164 Resp: 206580

Ion	Ratio	Lower	Upper
164	100		
162	107.6	86.1	129.1
160	46.7	38.3	57.5

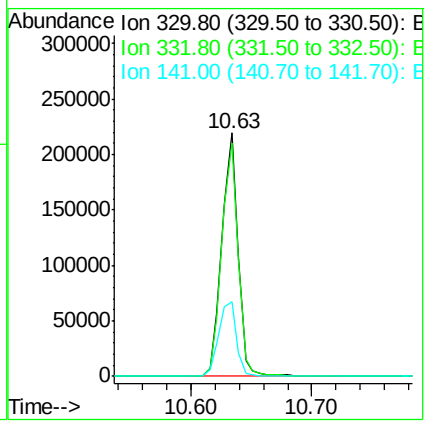


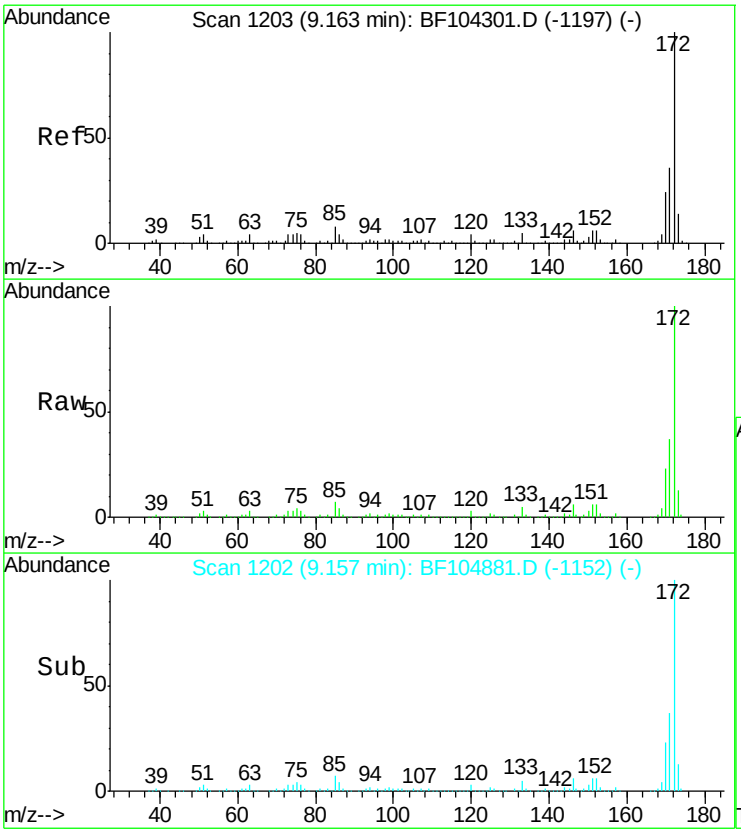


#41
2,4,6-Tribromophenol
Concen: 95.315 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:330 Resp: 204252

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	33.6	29.9	44.9

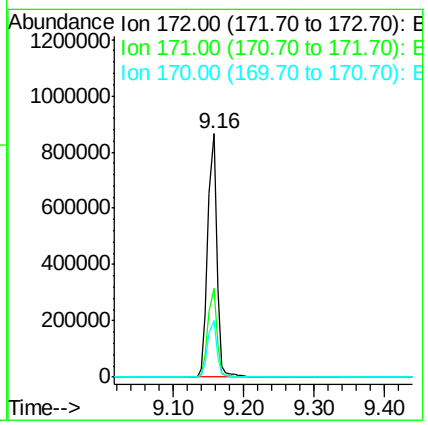


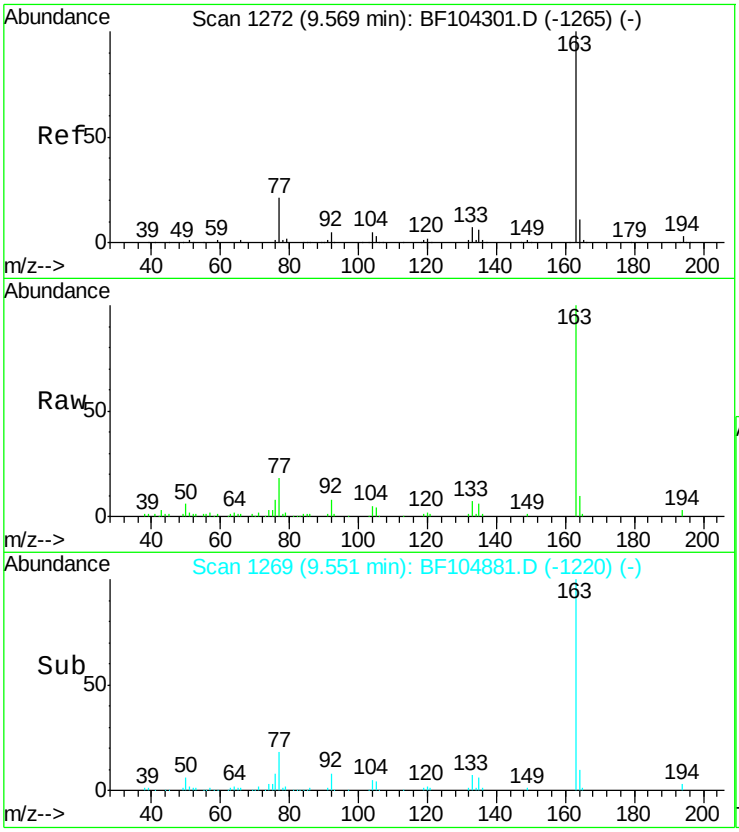


#44
2-Fluorobiphenyl
Concen: 59.423 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:172 Resp: 777055

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.4	19.6	29.4

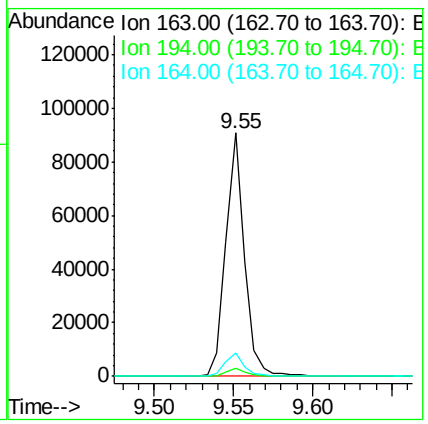


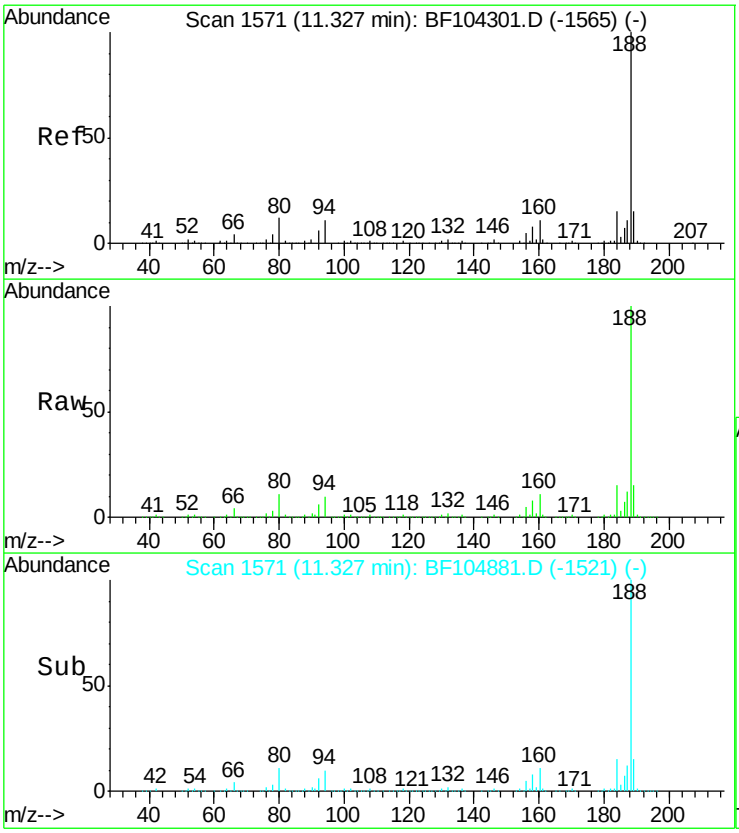


#49
Dimethylphthalate
Concen: 4.541 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:163 Resp: 73979

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.6	8.2	12.2

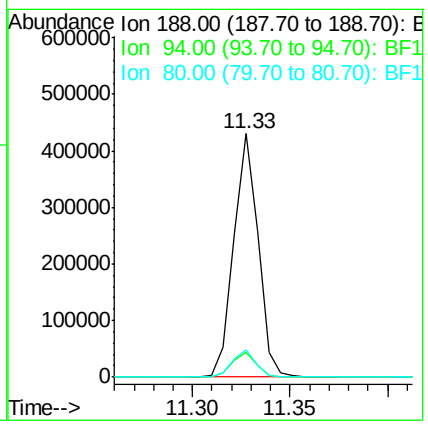


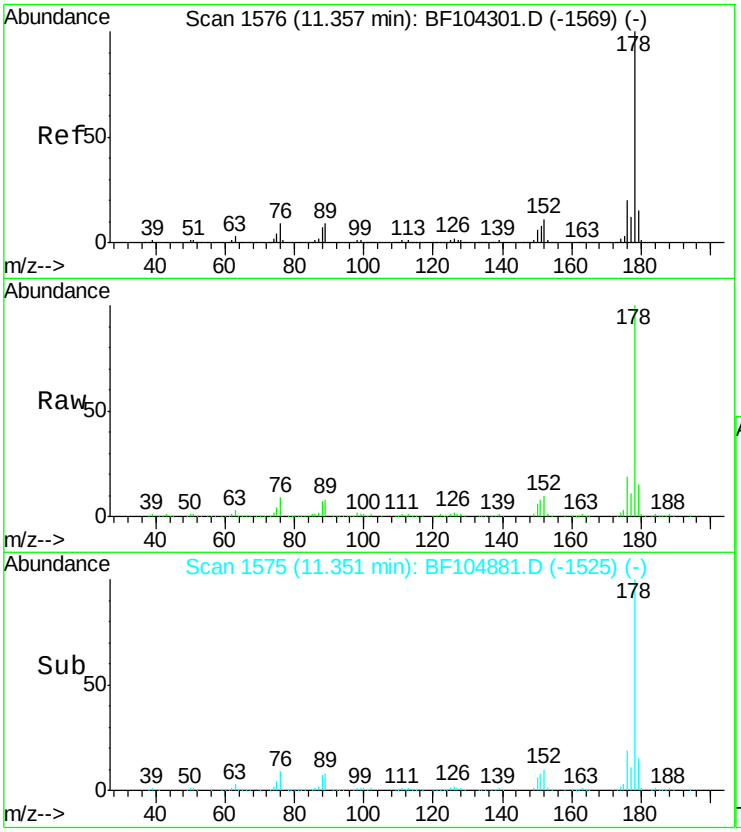


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:188 Resp: 374812

Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.1	9.2	13.8

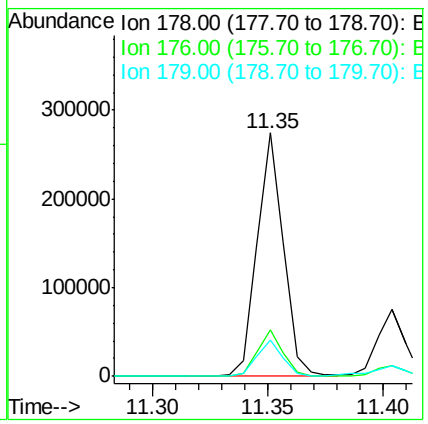


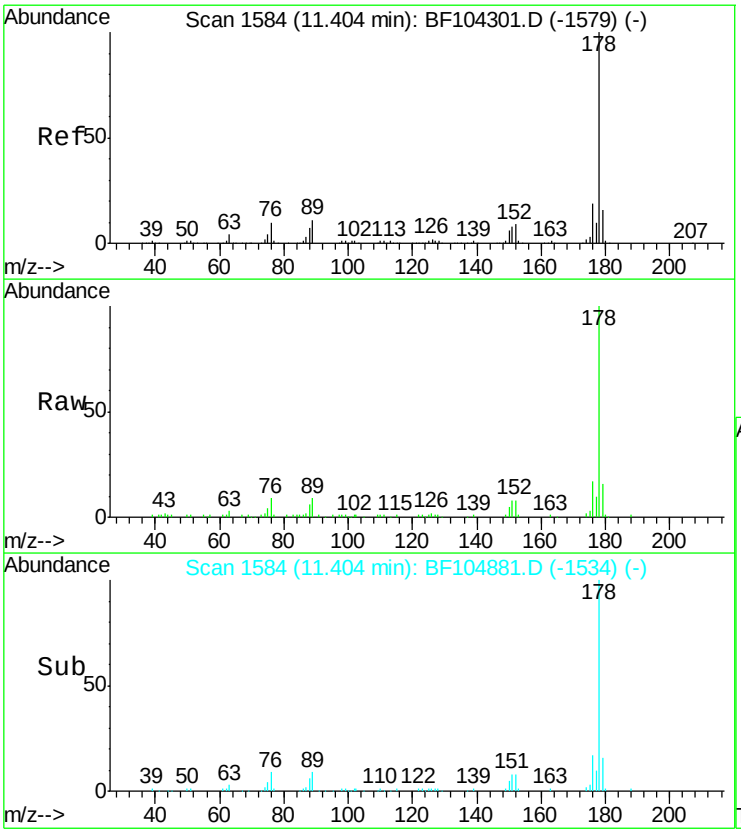


#70
Phenanthrene
Concen: 10.501 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:178 Resp: 219183

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.1	13.0	19.6

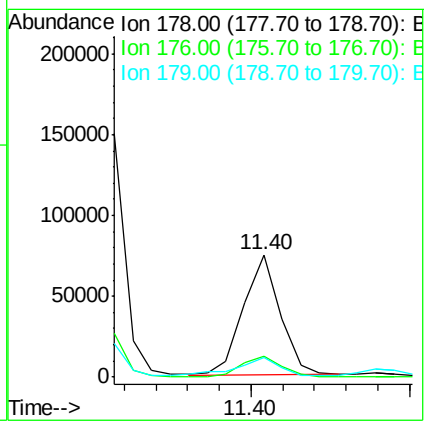


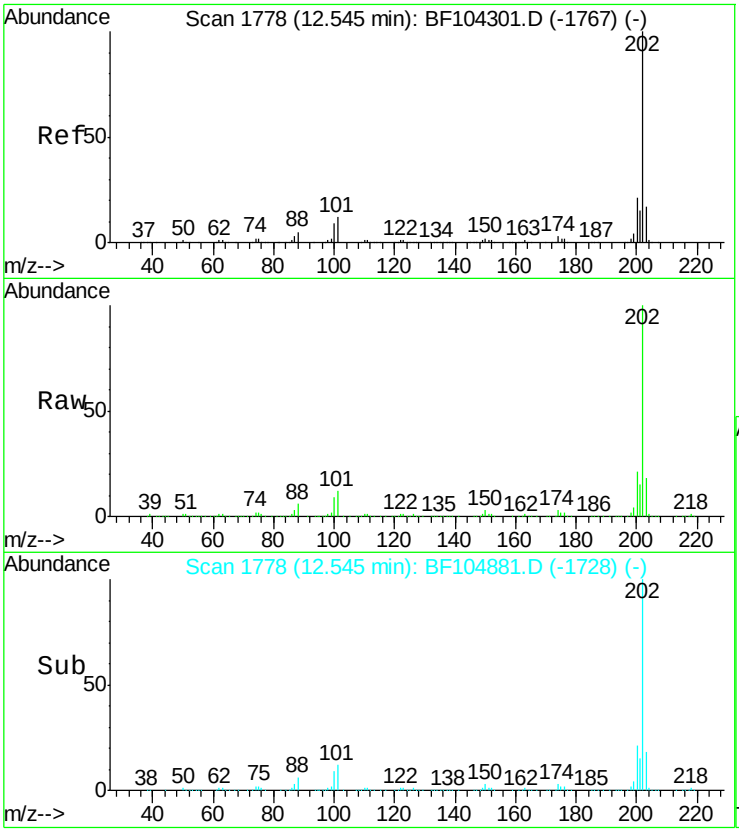


#71
Anthracene
Concen: 2.846 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:178 Resp: 60380

Ion	Ratio	Lower	Upper
178	100		
176	16.8	15.4	23.2
179	16.0	12.6	19.0

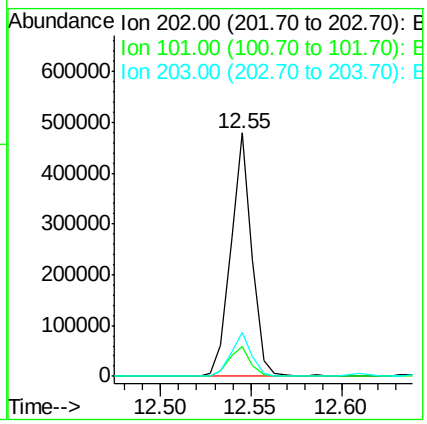


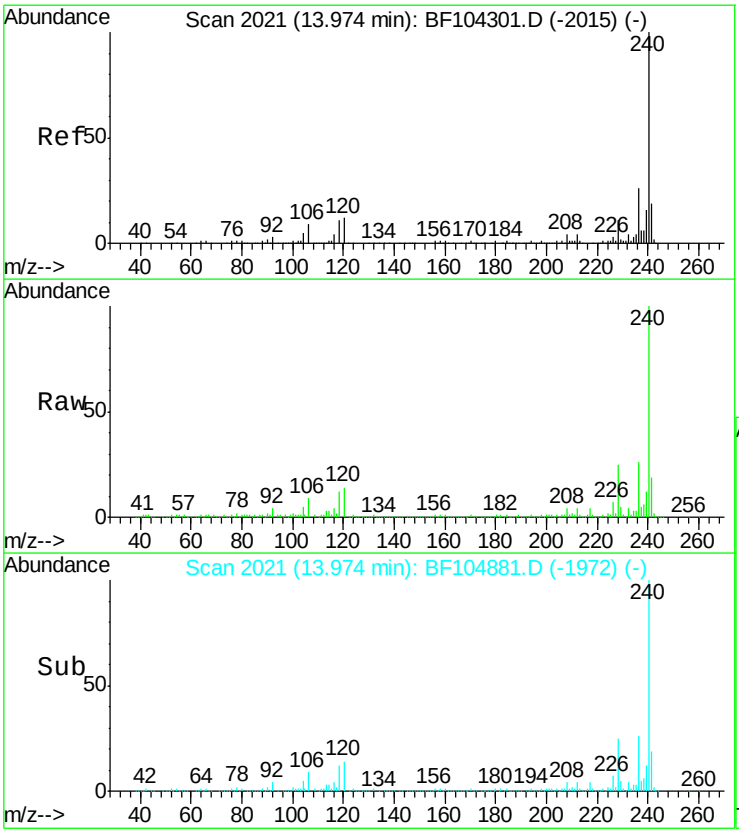


#74
Fluoranthene
Concen: 17.720 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:202 Resp: 386435

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.1
203	17.9	0.0	38.1

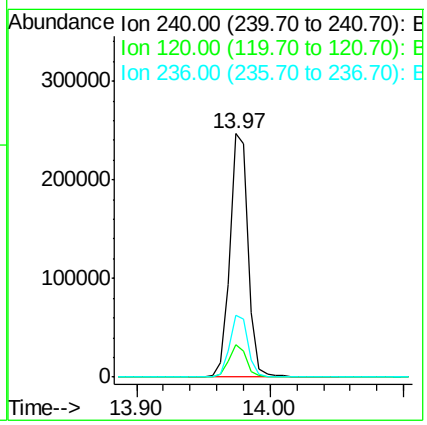


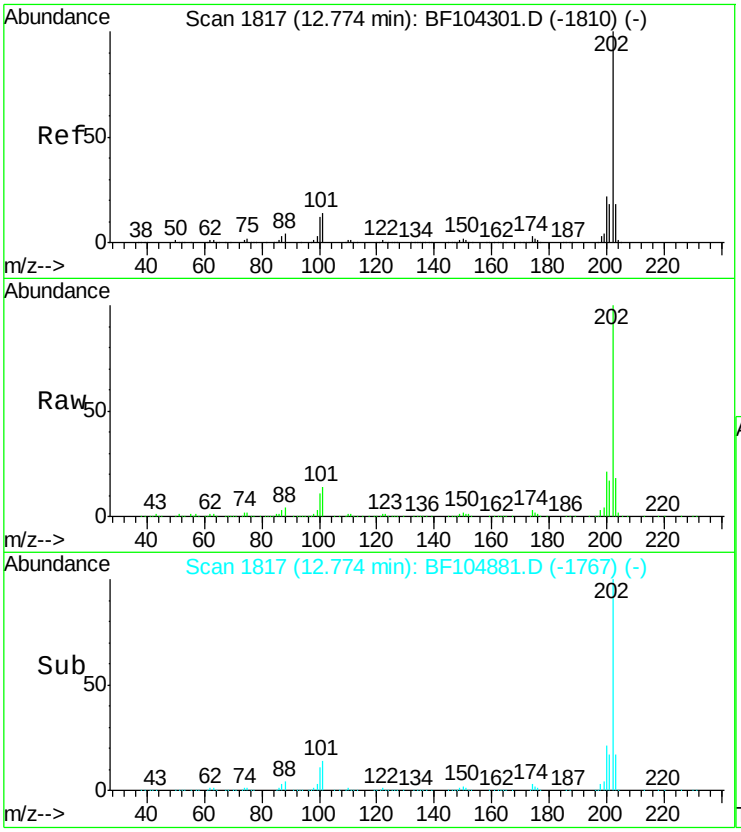


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:240 Resp: 238474

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	25.6	20.7	31.1

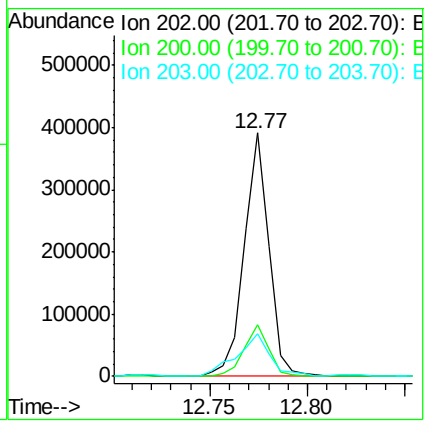


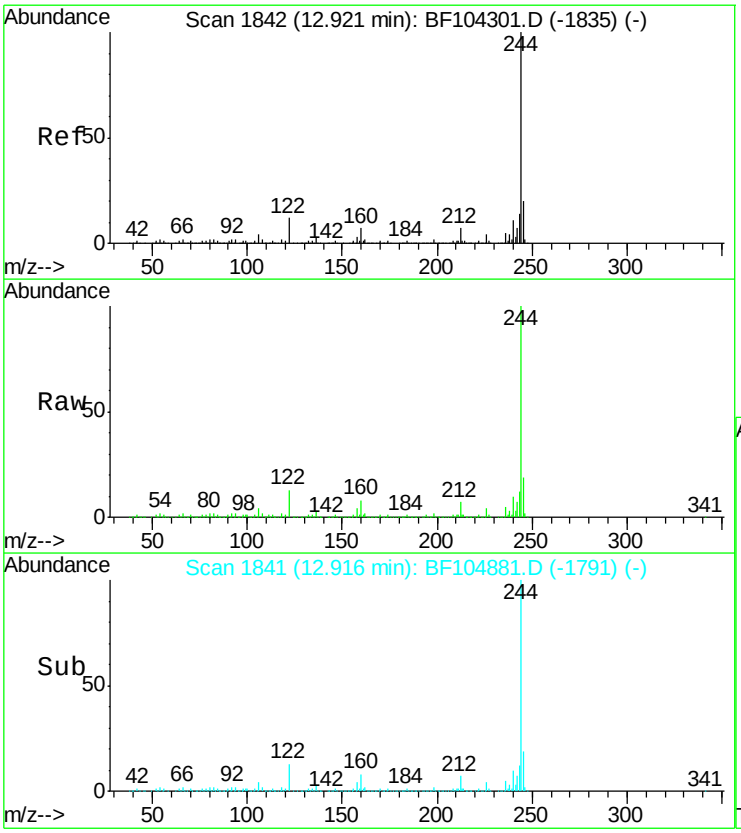


#77
Pyrene
Concen: 19.369 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:202 Resp: 342374

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.7	14.3	21.5

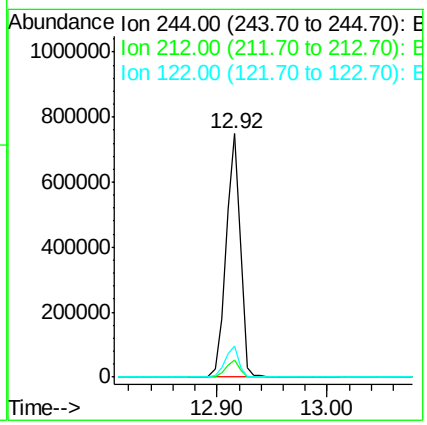


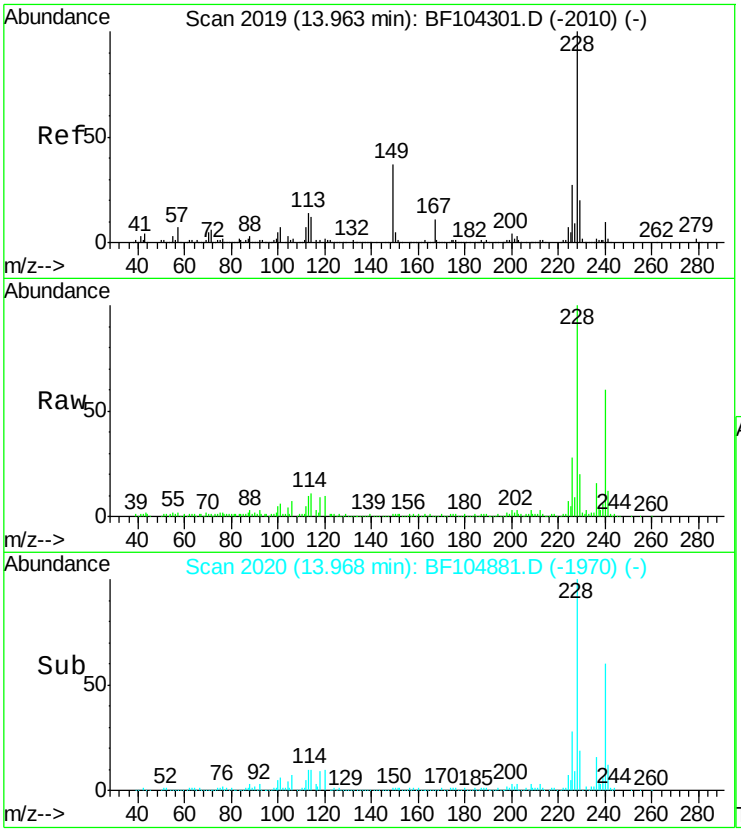


#78
Terphenyl-d14
Concen: 64.879 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:244 Resp: 678643

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.8	11.0	16.4

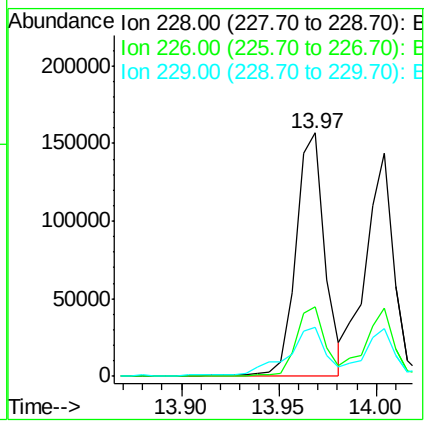


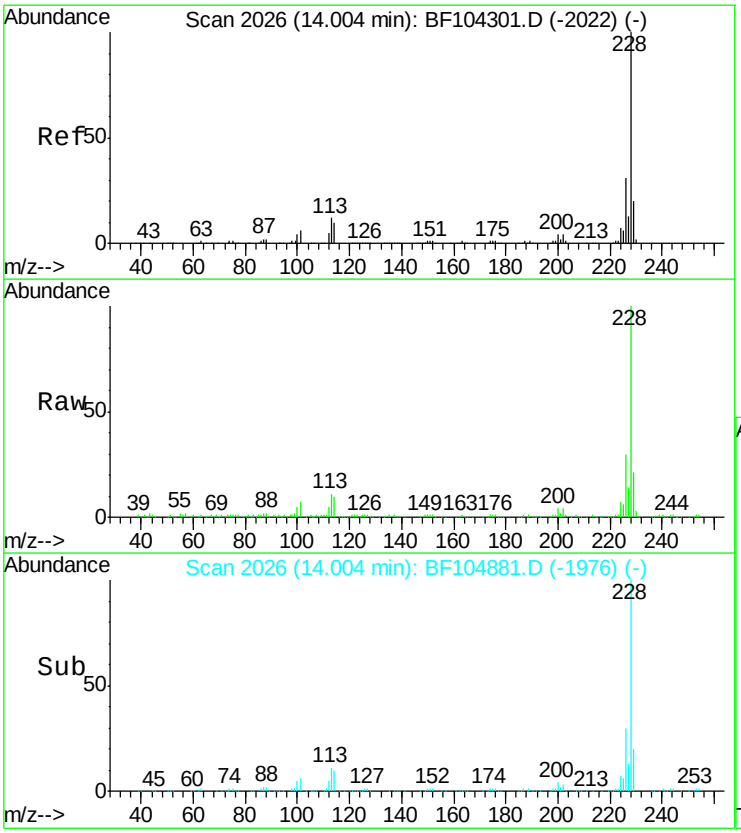


#80
Benzo(a)anthracene
Concen: 11.173 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:228 Resp: 159183

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.1	15.8	23.6

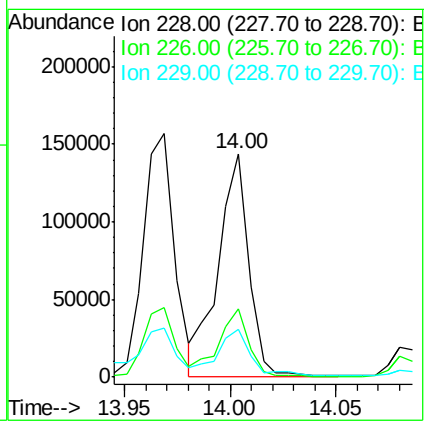


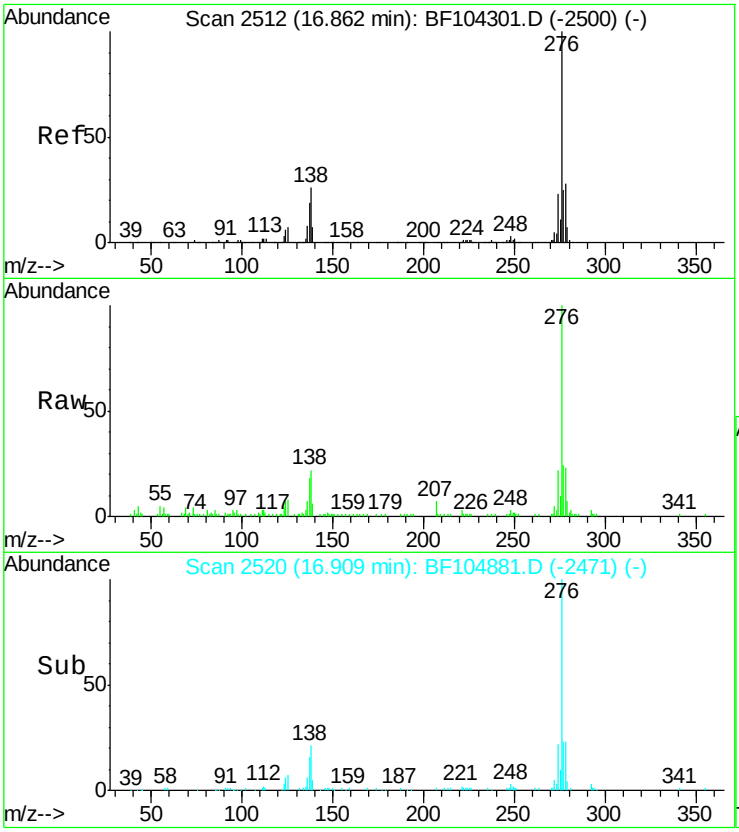


#82
Chrysene
Concen: 9.829 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:228 Resp: 143835

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	21.3	16.2	24.4

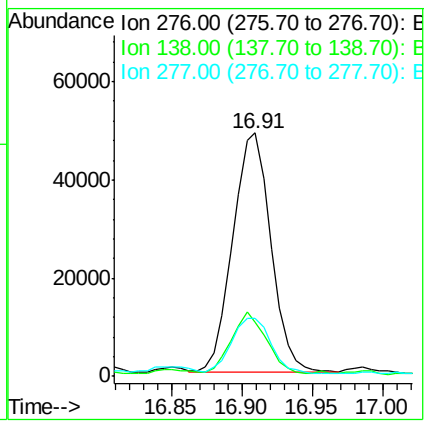


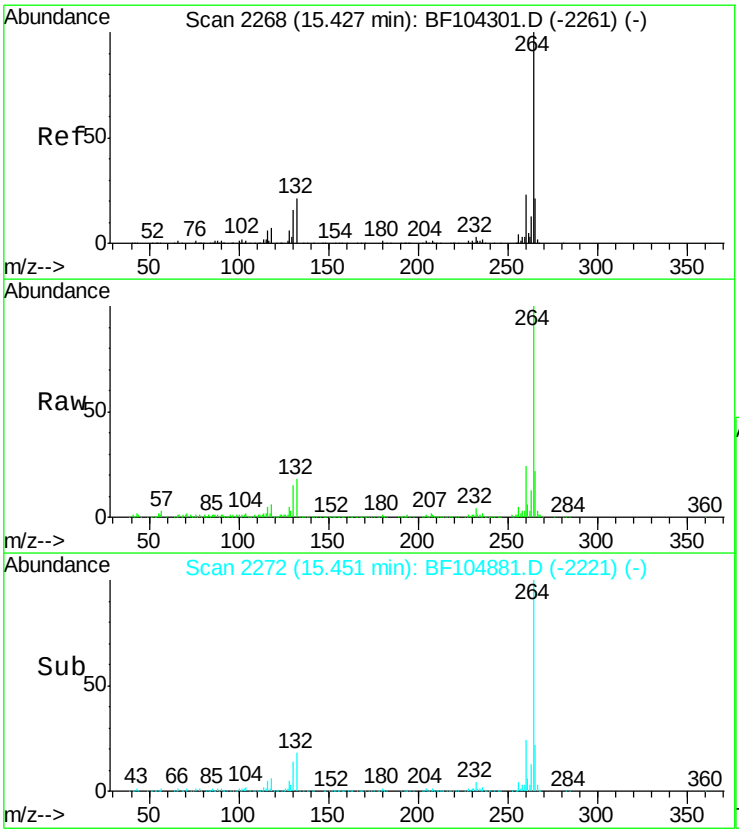


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.371 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:276 Resp: 91625

Ion	Ratio	Lower	Upper
276	100		
138	24.0	25.0	37.6#
277	24.9	20.1	30.1

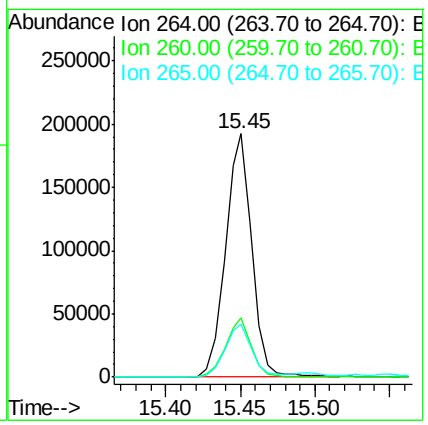


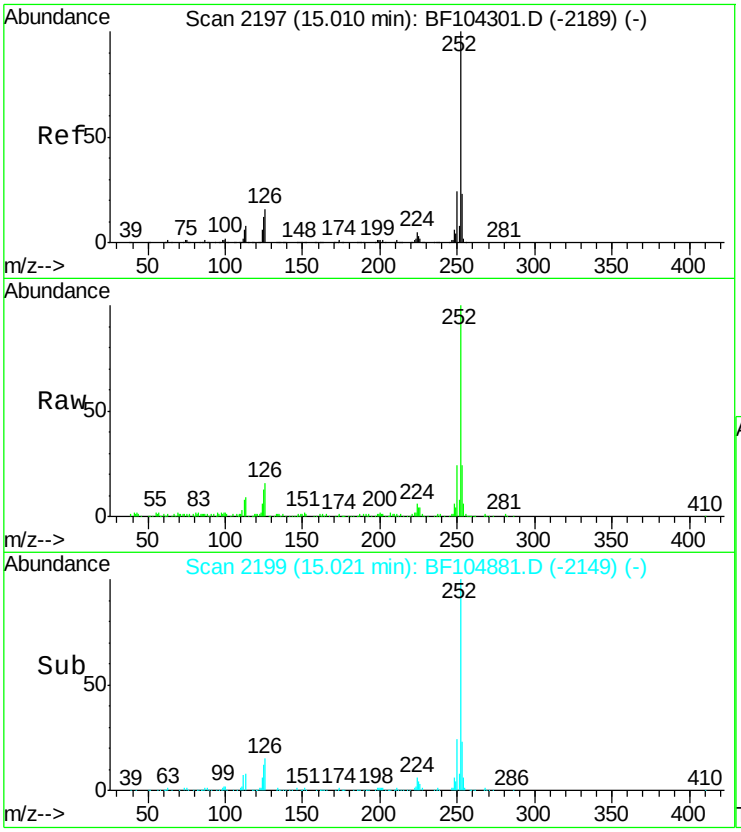


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:264 Resp: 238202

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.5	26.3

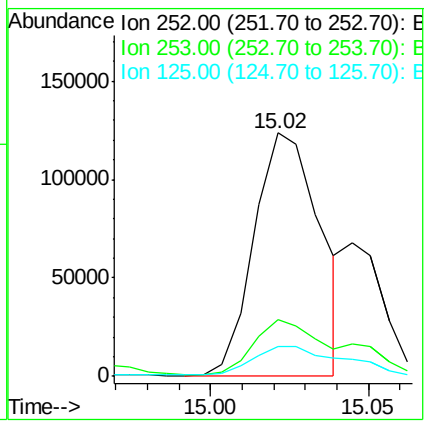


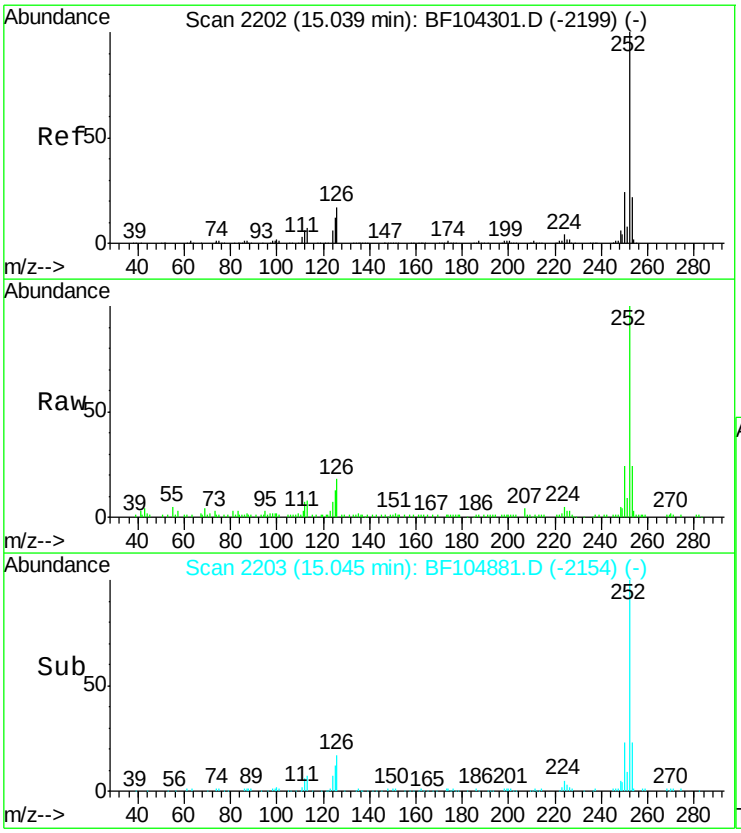


#87
Benzo(b)fluoranthene
Concen: 12.001 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:252 Resp: 180547

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	12.5	9.0	13.6

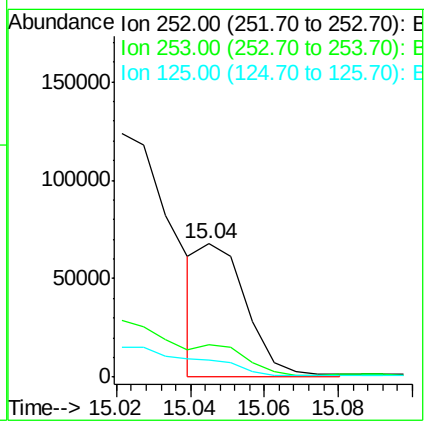


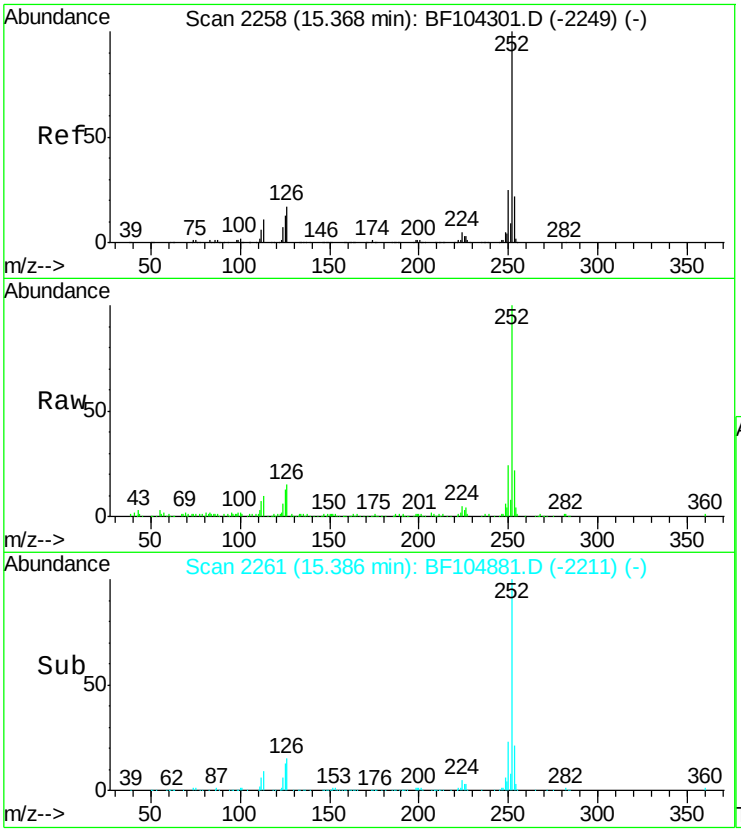


#88
Benzo(k)fluoranthene
Concen: 4.237 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:252 Resp: 60182

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	12.5	10.2	15.2

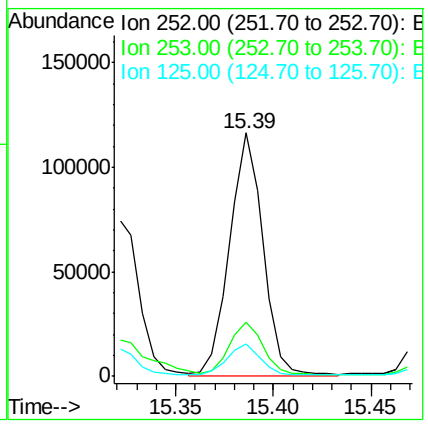


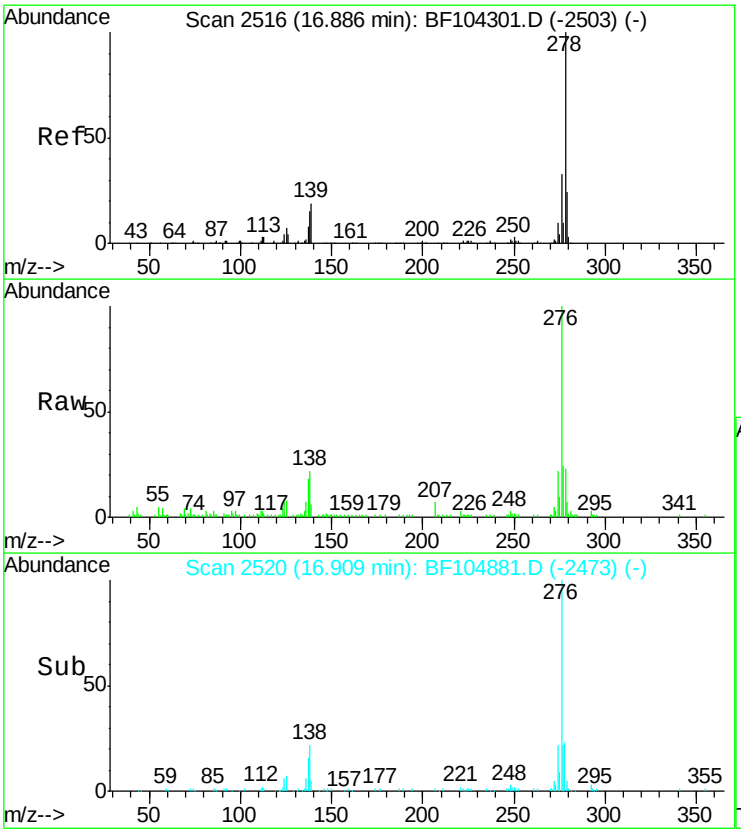


#89
Benzo(a)pyrene
Concen: 10.206 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:252 Resp: 137387

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	13.4	9.8	14.6

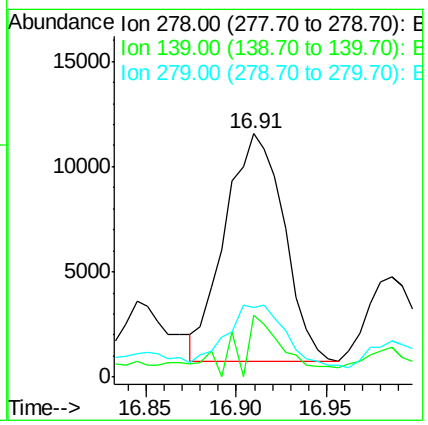


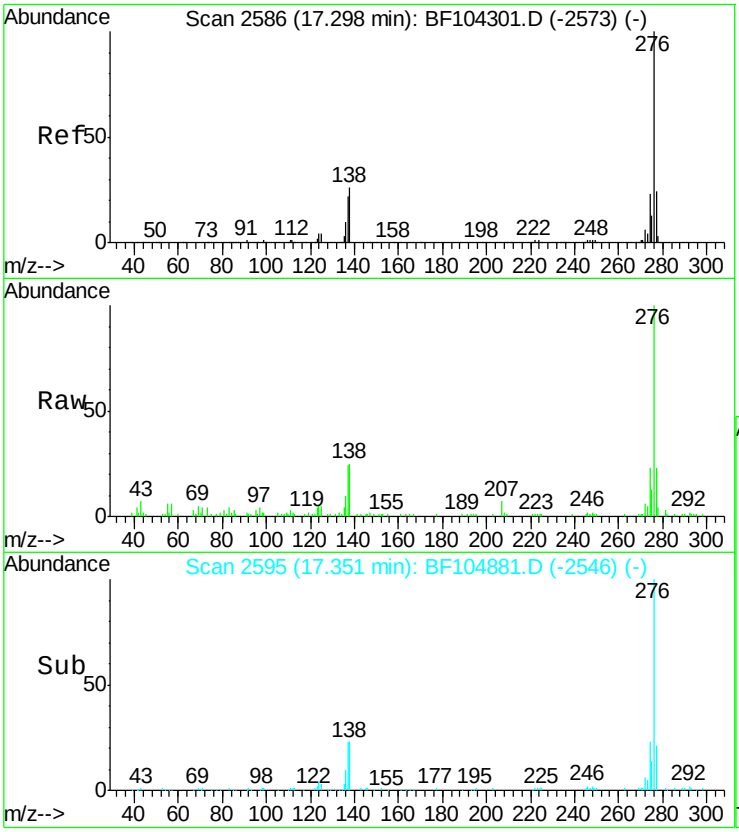


#90
Dibenzo(a,h)anthracene
Concen: 2.220 ng m
RT: 16.91 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:278 Resp: 24539

Ion	Ratio	Lower	Upper
278	100		
139	25.3	15.9	23.9#
279	28.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 8.716 ng
RT: 17.35 min Scan# 2595
Delta R.T. -0.01 min
Lab File: BF104881.D
Acq: 27 Apr 2018 15:16

Tgt Ion:276 Resp: 93362

Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.9	26.9
138	24.6	21.8	32.8