Quantitation Report (Not Reviewed)

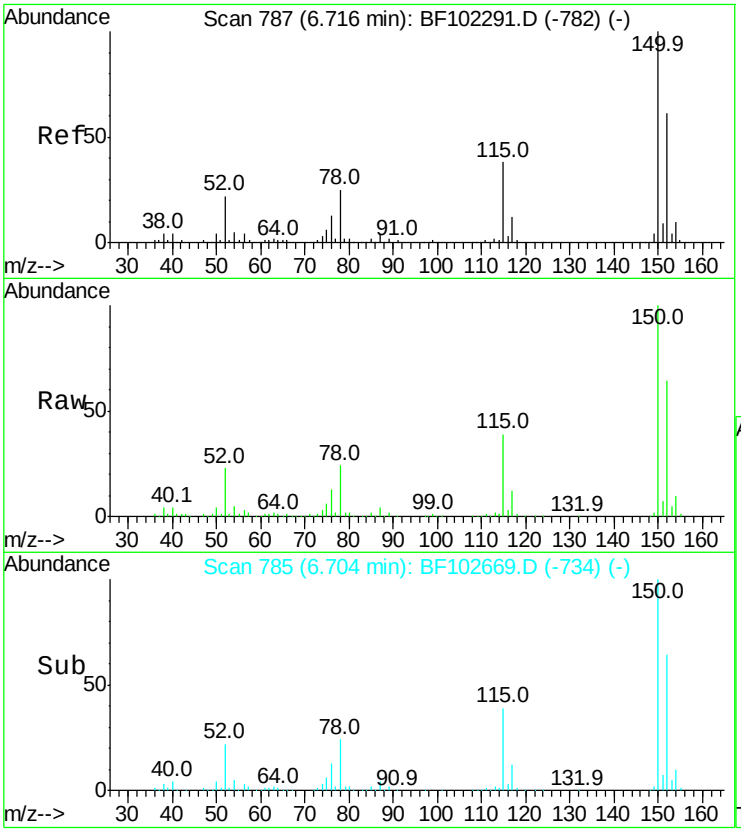
Data Path : U:\HPCHEM1\BNA F\DATA\BF013118\
Data File : BF102669.D
Acq On : 31 Jan 2018 21:52
Operator : SJ/JU
Sample : J1023-07 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Feb 01 00:02:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 18:38:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	147916	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	558608	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	207754	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	317136	20.00	ng		0.00
75) Chrysene-d12	13.87	240	302157	20.00	ng		0.00
86) Perylene-d12	15.30	264	208073	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	603506	61.86	ng		0.00
7) Phenol-d6	6.35	99	720321	61.25	ng		0.00
23) Nitrobenzene-d5	7.27	82	413516	42.54	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	100879	49.01	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	642480	45.47	ng		0.00
78) Terphenyl-d14	12.82	244	487992	36.41	ng		0.01
Target Compounds							Qvalue
10) Phenol	6.36	94	30356	2.364	ng	#	71
25) Isophorone	7.27	82	407704	23.527	ng	#	64
49) Dimethylphthalate	9.46	163	72130	4.200	ng		99
70) Phenanthrene	11.25	178	174377	9.436	ng		96
71) Anthracene	11.30	178	39726	2.106	ng		97
74) Fluoranthene	12.45	202	237461	12.601	ng		98
77) Pyrene	12.45	202	237461	10.165	ng		99
80) Benzo(a)anthracene	13.86	228	112655	6.056	ng		97
82) Chrysene	13.90	228	119896	6.347	ng		99
87) Benzo(b)fluoranthene	14.89	252	118879	8.815	ng	#	83
88) Benzo(k)fluoranthene	14.89	252	118879	9.330	ng	#	86
89) Benzo(a)pyrene	15.24	252	60643	4.986	ng	#	80
91) Benzo(g,h,i)perylene	17.12	276	29888	3.072	ng	#	84

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

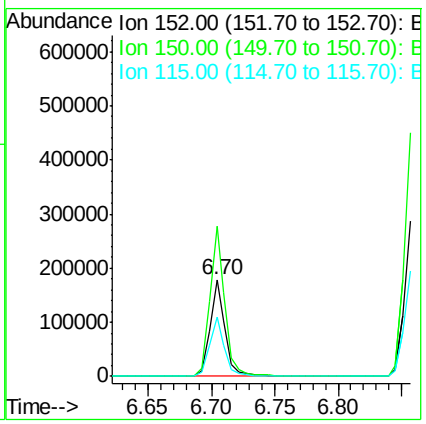


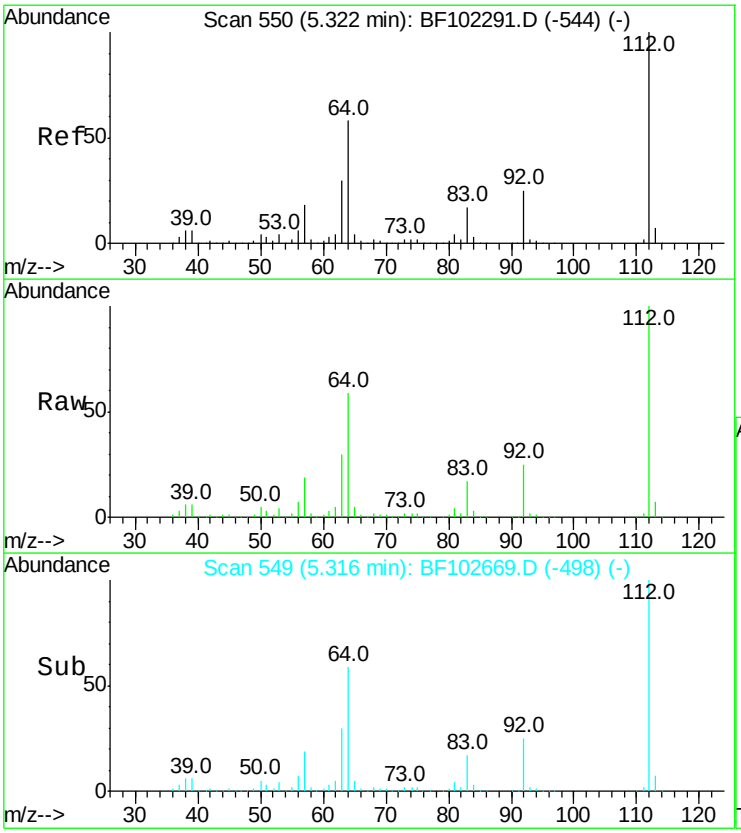
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 147916

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	186.8
115	60.8	50.1	75.1

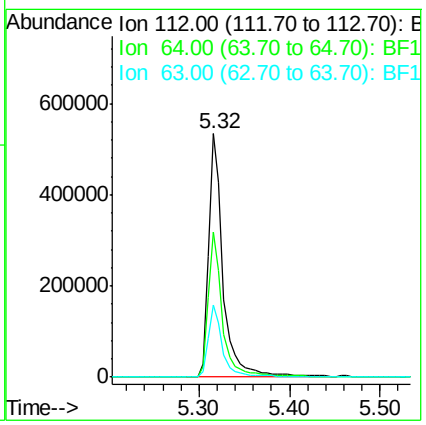


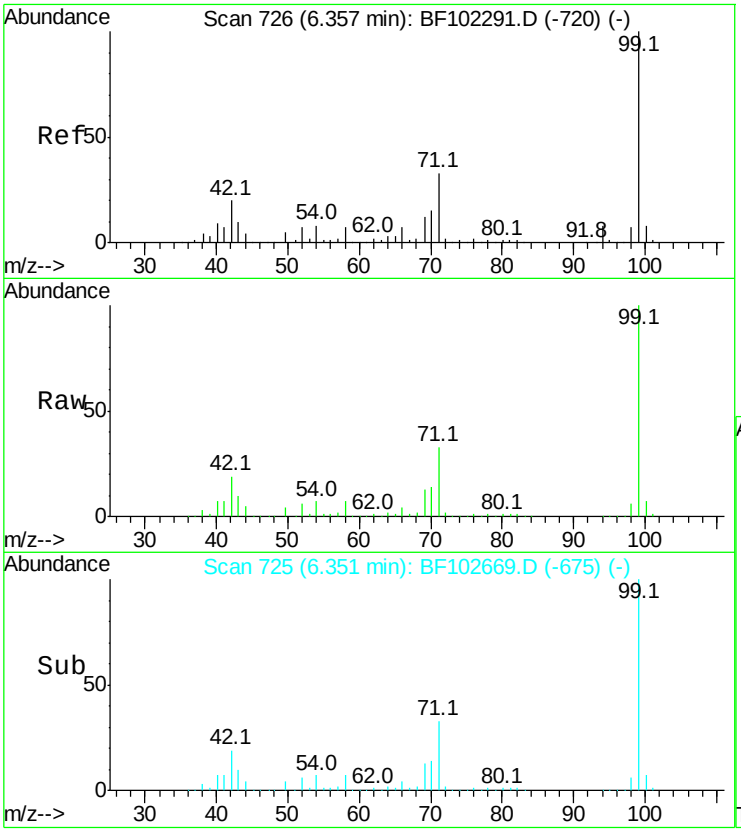


#5
2-Fluorophenol
Concen: 61.864 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Tgt Ion:112 Resp: 603506

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	29.9	23.7	35.5



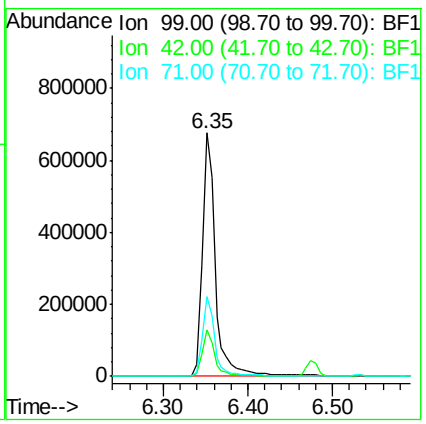


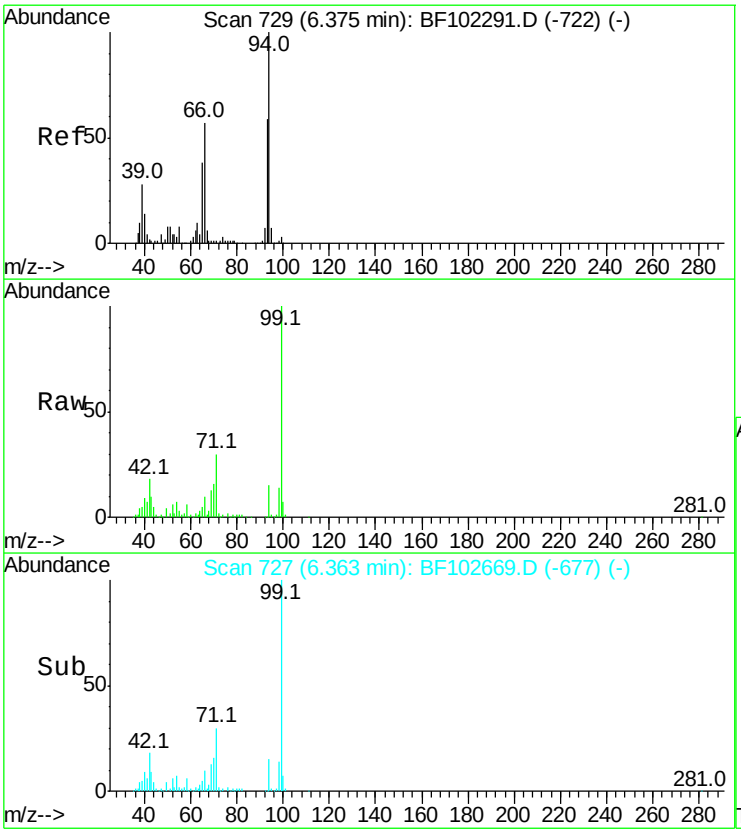
#7
Phenol-d6
Concen: 61.247 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 720321

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.5	21.7
71	32.9	25.4	38.0

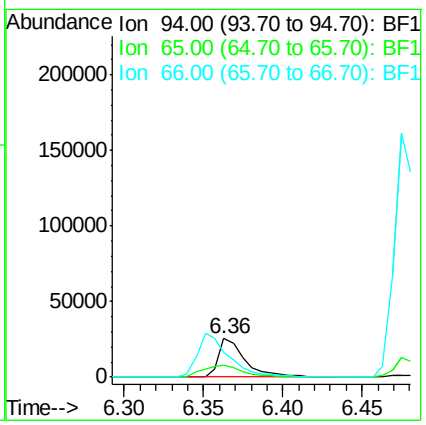


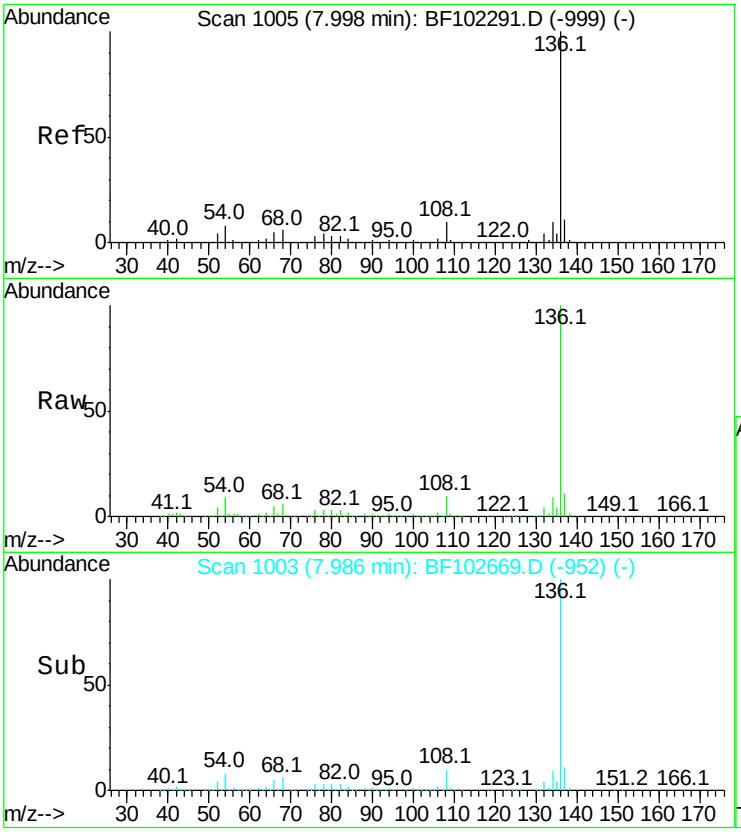


#10
Phenol
Concen: 2.364 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Tgt Ion: 94 Resp: 30356

Ion	Ratio	Lower	Upper
94	100		
65	30.1	7.9	47.9
66	64.7	16.2	56.2#



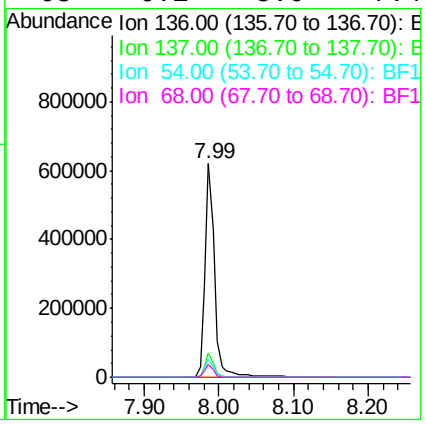


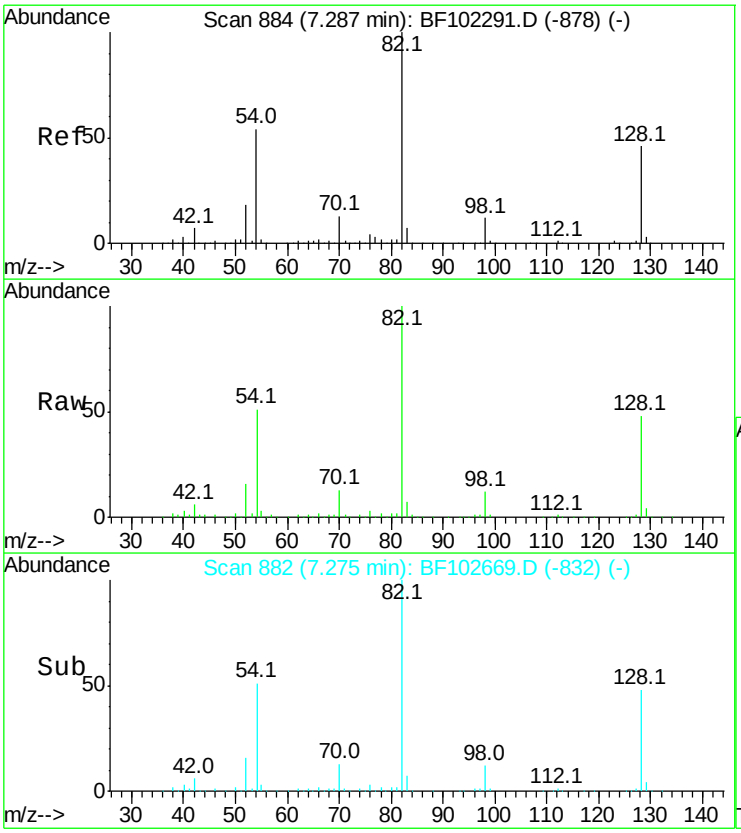
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 558608

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.5	6.6	9.8
68	6.1	5.0	7.4

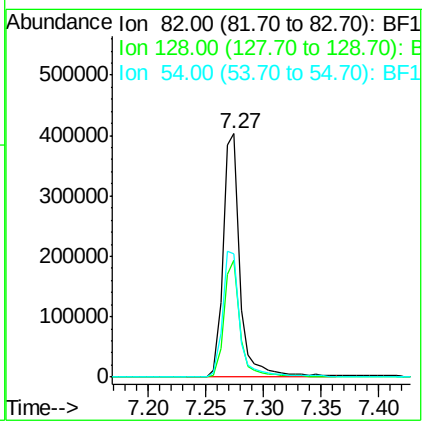


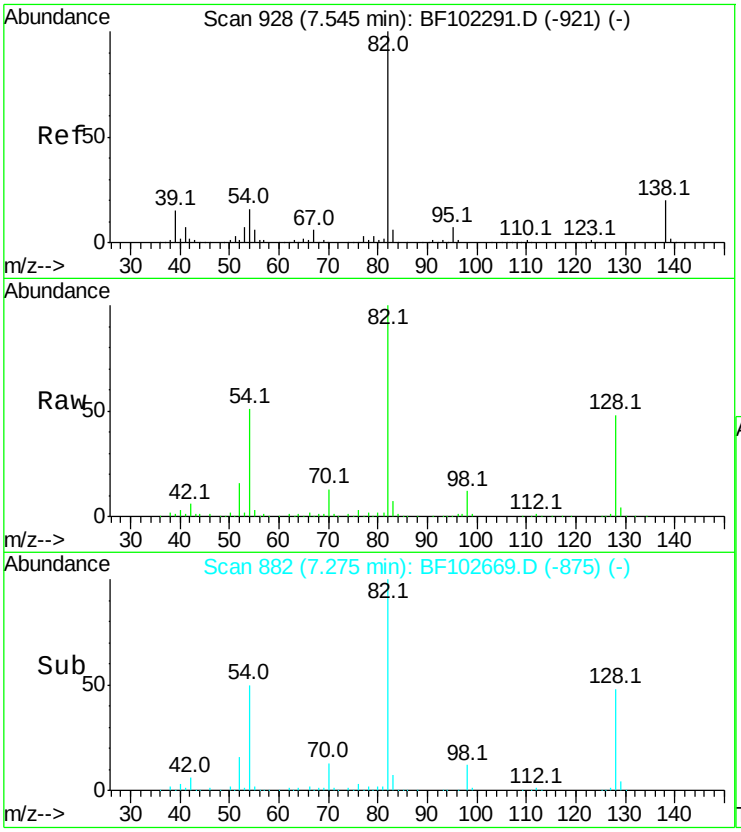


#23
Nitrobenzene-d5
Concen: 42.541 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Tgt Ion: 82 Resp: 413516

Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	50.6	41.4	62.2



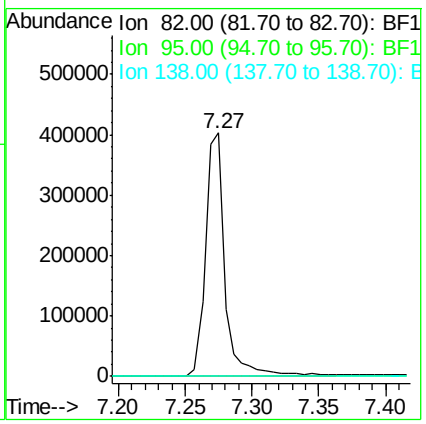


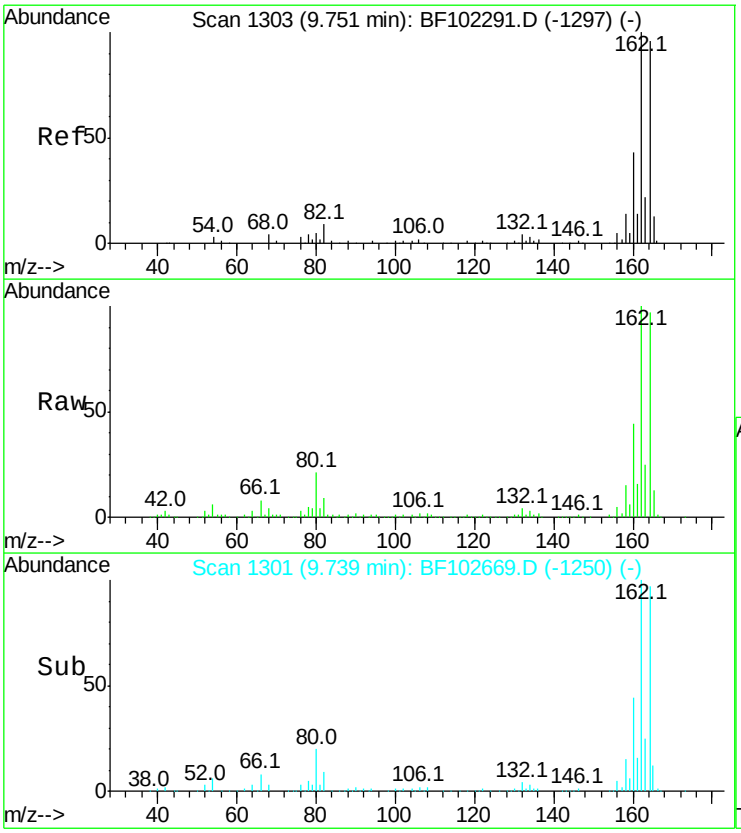
#25
Isophorone
Concen: 23.527 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 407704

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

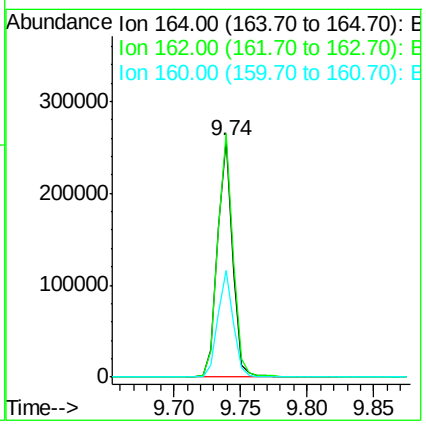


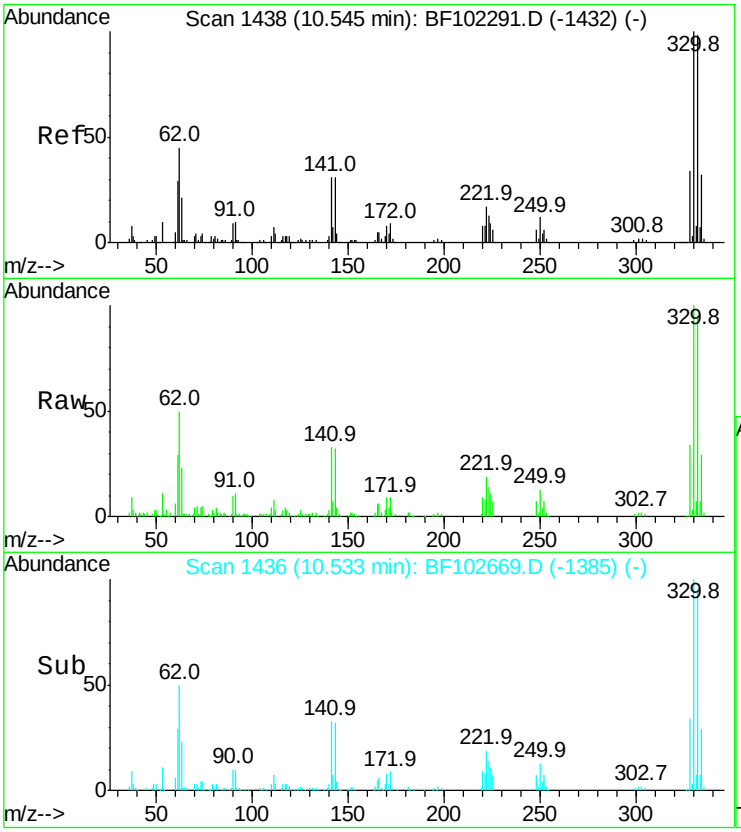


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Tgt Ion:164 Resp: 207754

Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	44.8	38.3	57.5



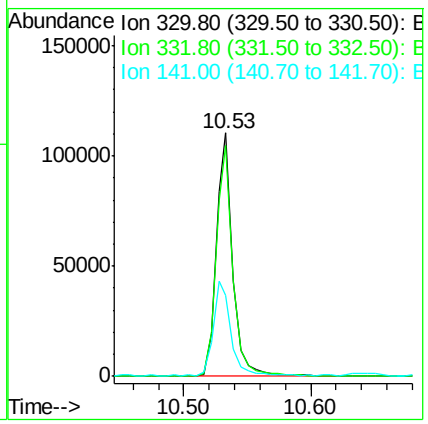


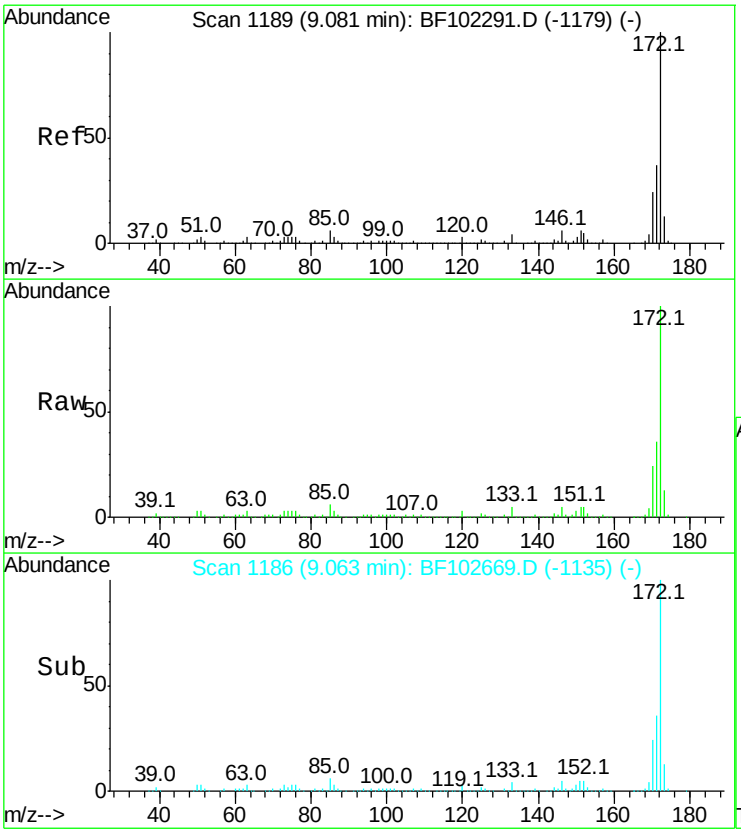
#41
2,4,6-Tribromophenol
Concen: 49.005 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 100879

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	43.7	29.9	44.9

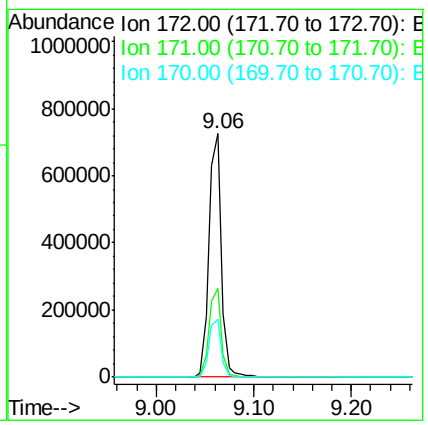


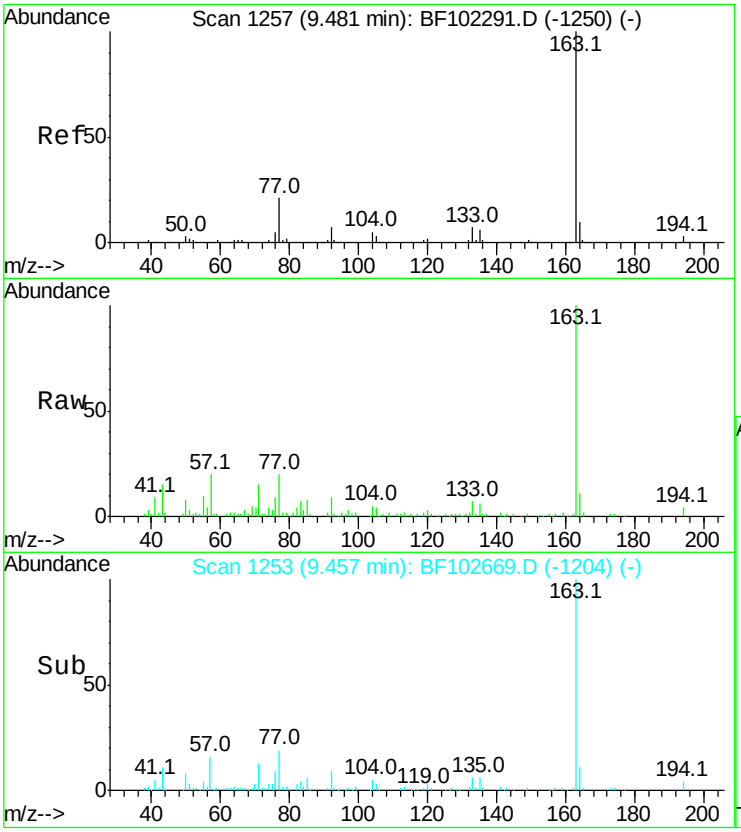


#44
2-Fluorobiphenyl
Concen: 45.471 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Tgt Ion:172 Resp: 642480

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.8	19.6	29.4



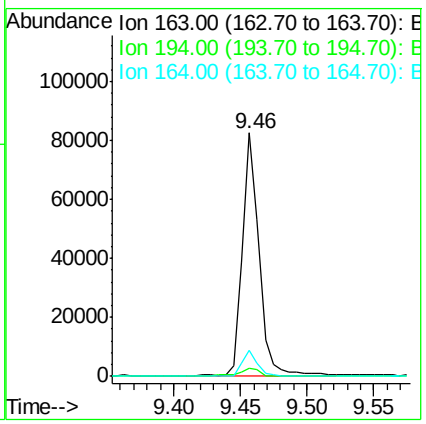


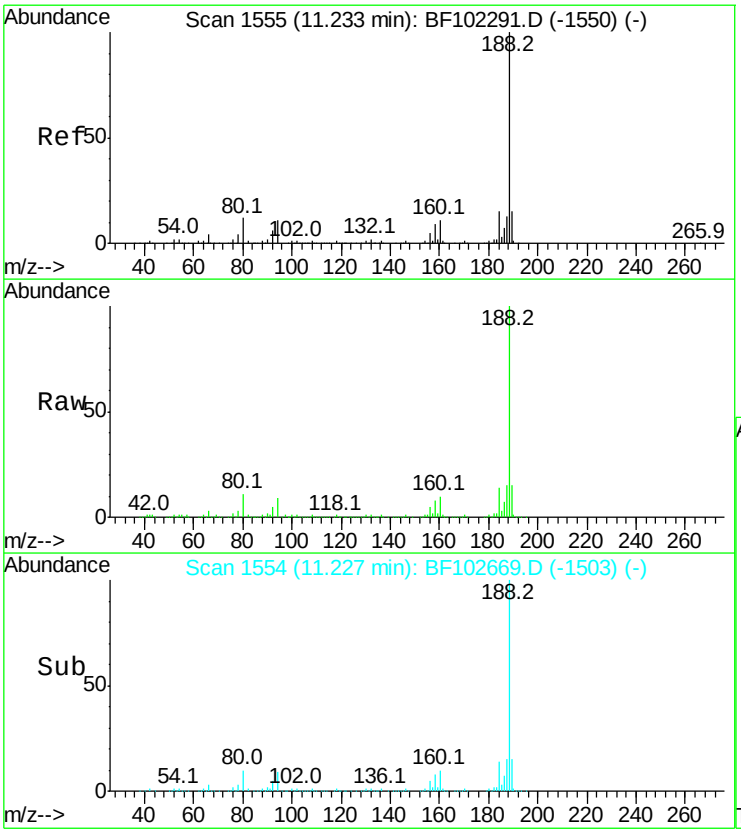
#49
Dimethylphthalate
Concen: 4.200 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 72130

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

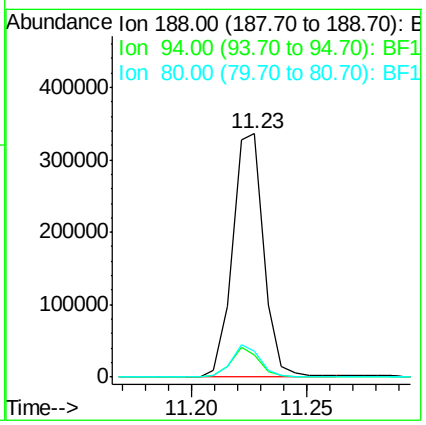


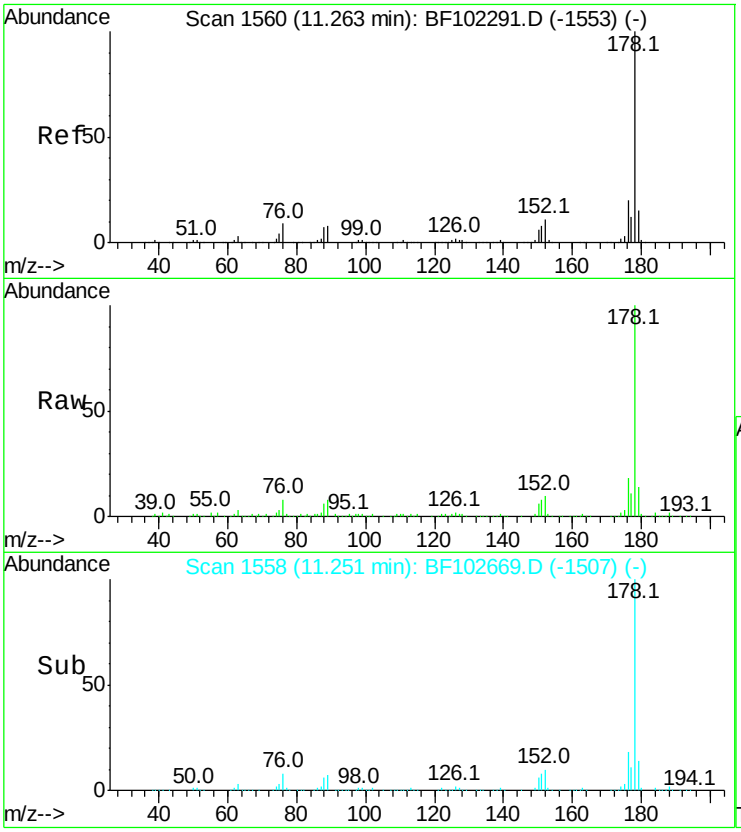


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.00 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Tgt Ion:188 Resp: 317136

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.5	9.2	13.8



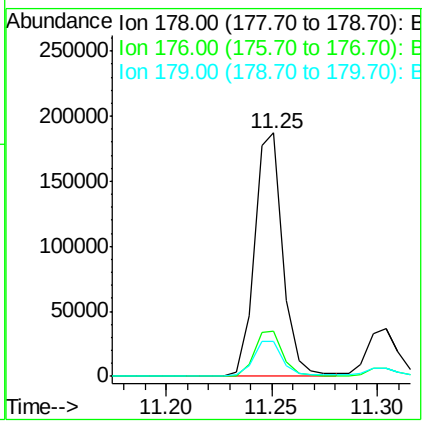


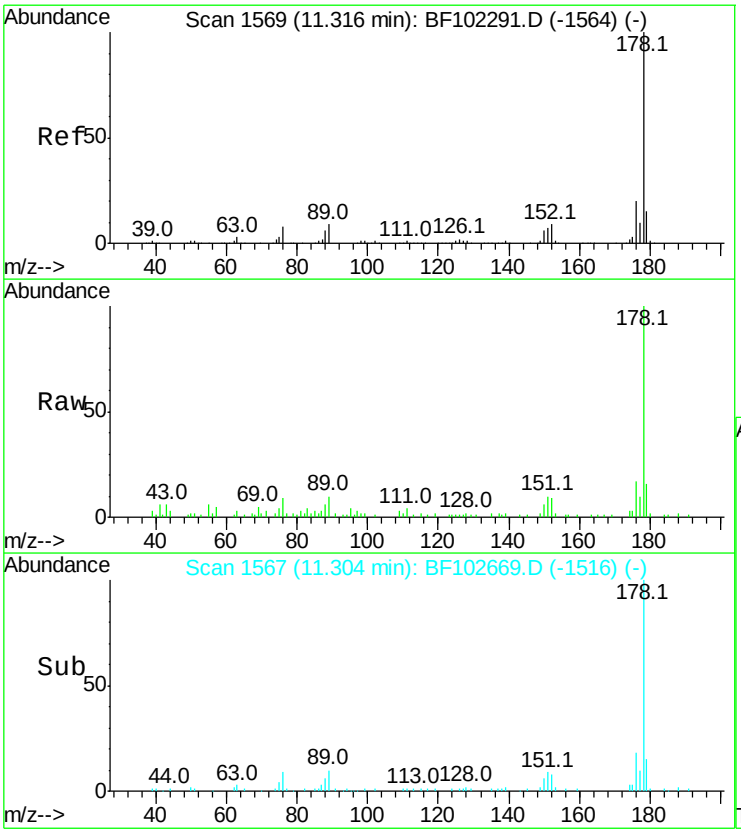
#70
Phenanthrene
Concen: 9.436 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 174377

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	14.4	13.0	19.6

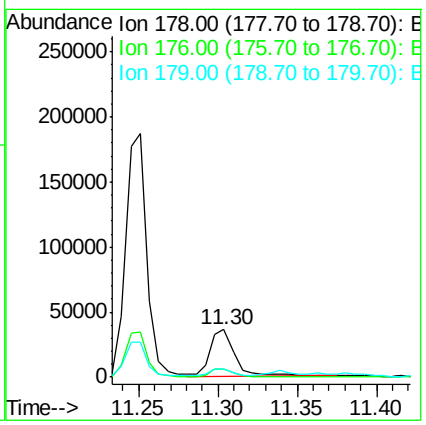


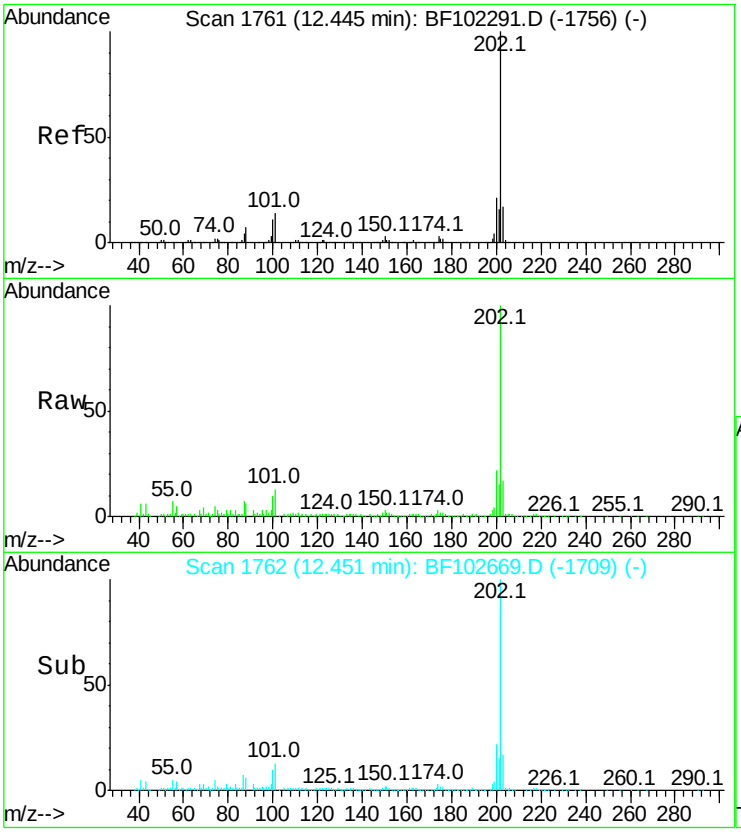


#71
Anthracene
Concen: 2.106 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Tgt Ion:178 Resp: 39726

Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.4	23.2
179	16.1	12.6	19.0



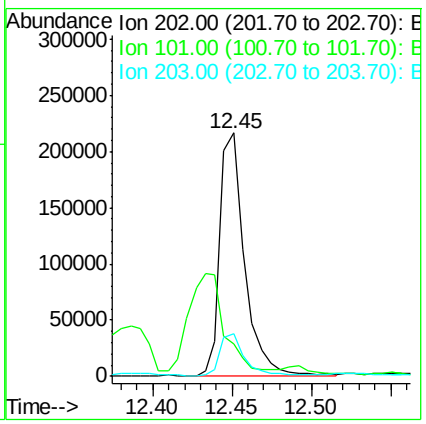


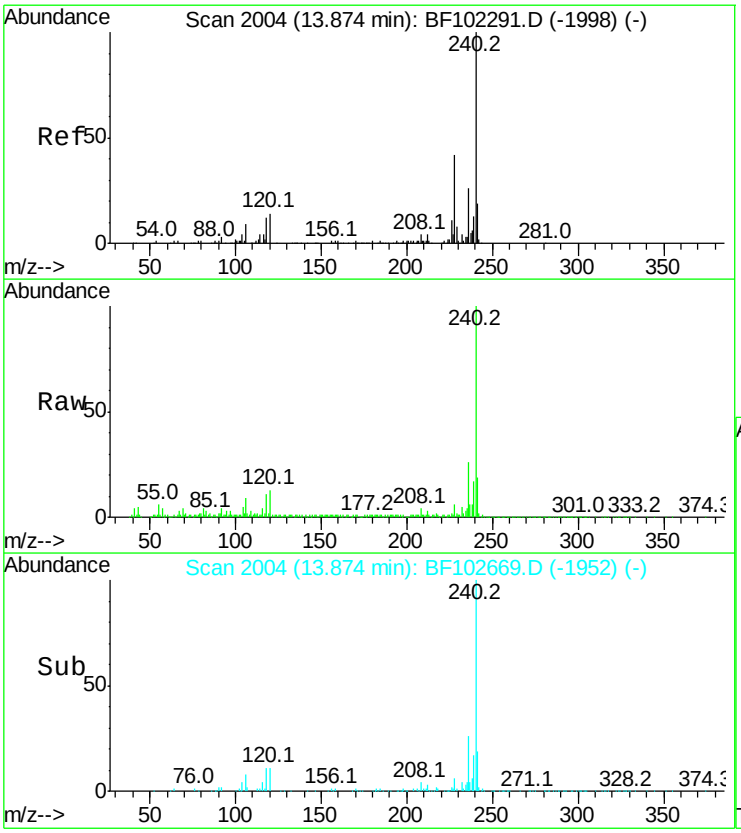
#74
Fluoranthene
Concen: 12.601 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 237461

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

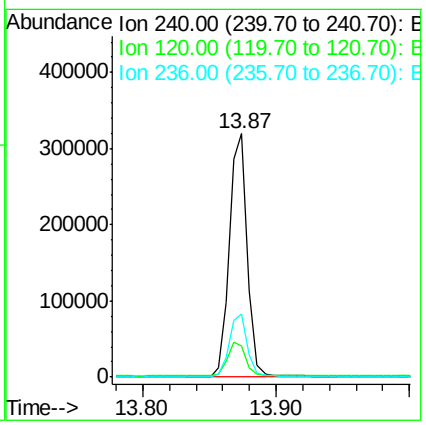


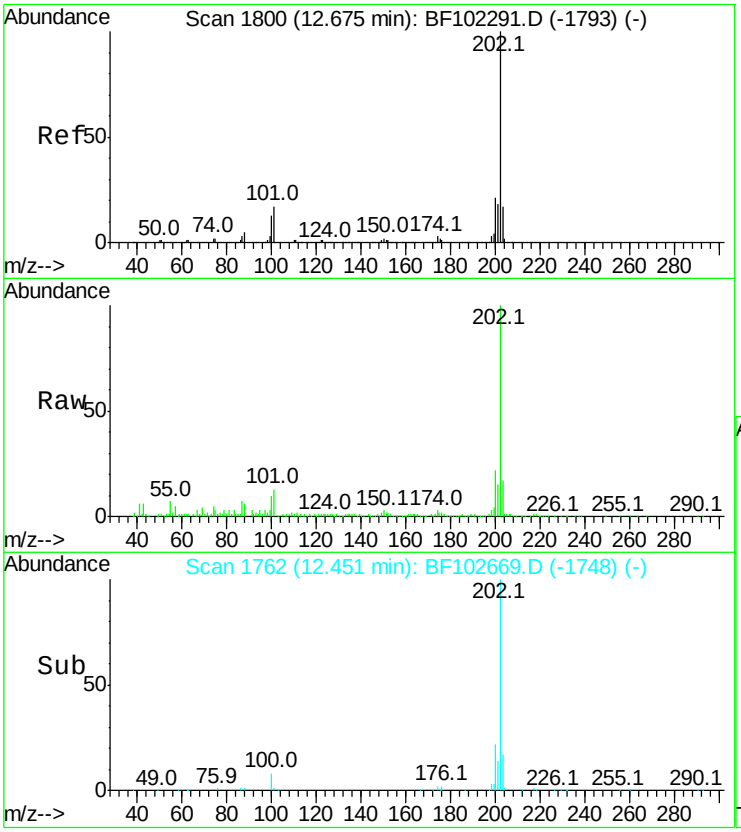


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Tgt Ion:240 Resp: 302157

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	26.0	20.7	31.1



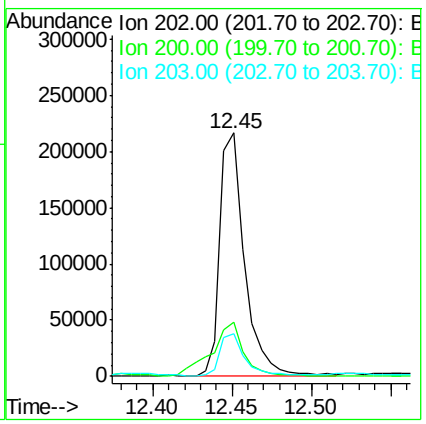


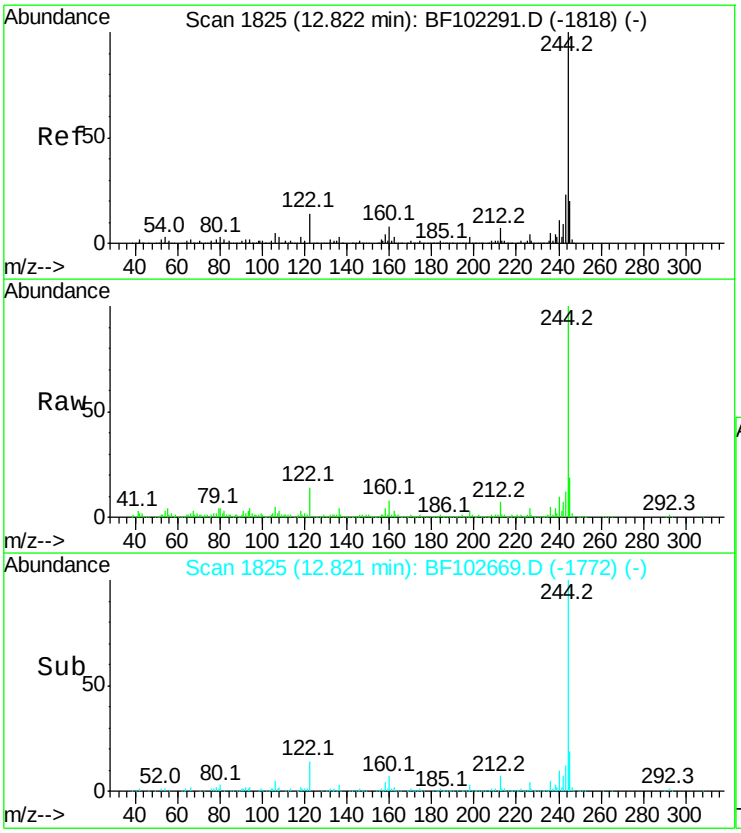
#77
Pyrene
Concen: 10.165 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.22 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 237461

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.5	14.3	21.5

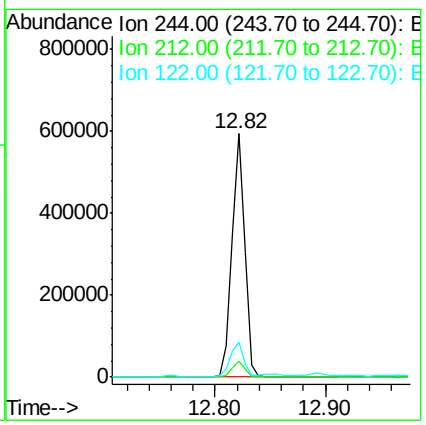


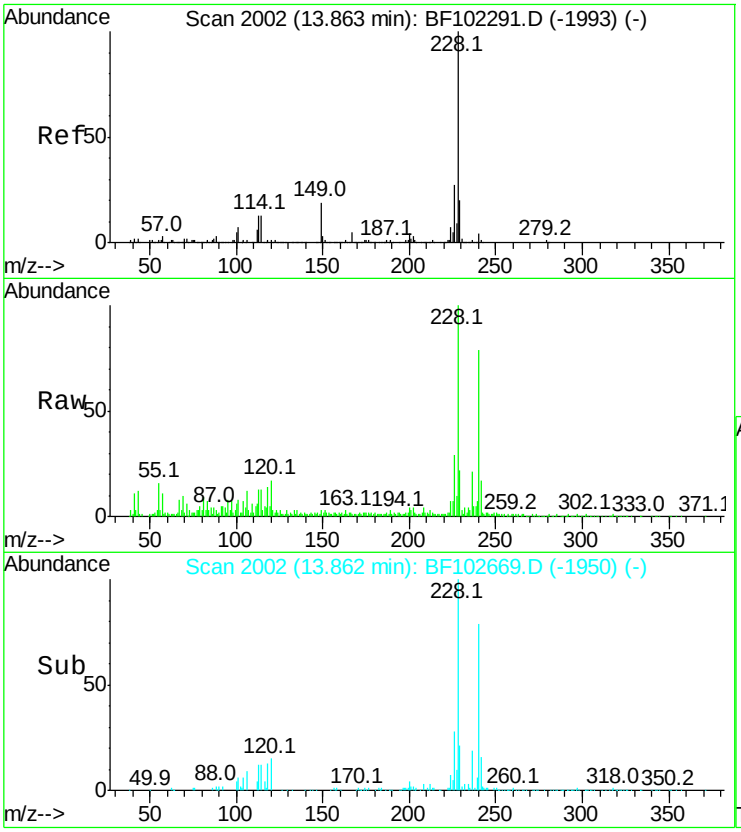


#78
Terphenyl-d14
Concen: 36.409 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Tgt Ion:244 Resp: 487992

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	14.1	11.0	16.4



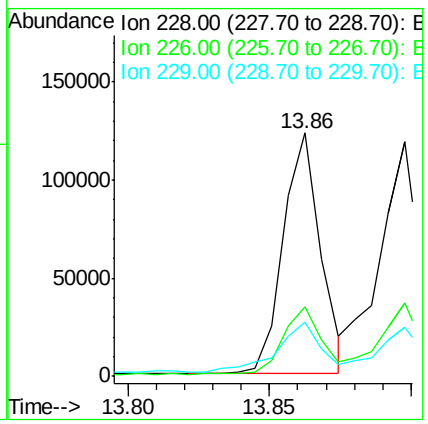


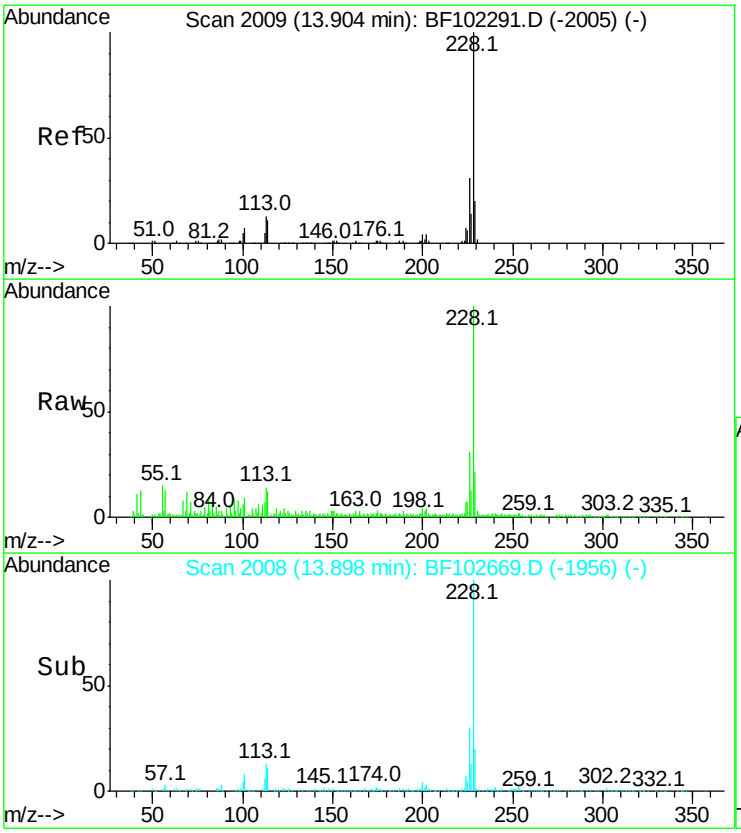
#80
Benzo(a)anthracene
Concen: 6.056 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 112655

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	22.2	15.8	23.6

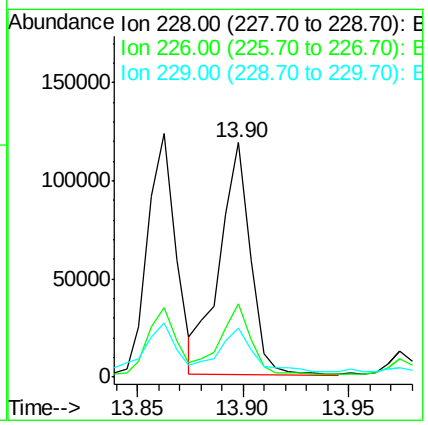


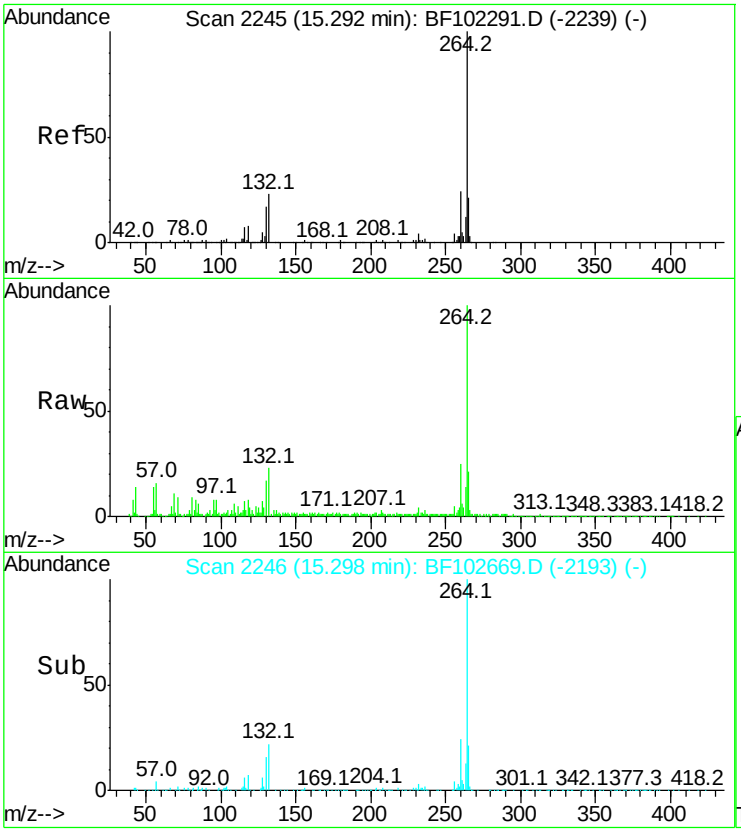


#82
Chrysene
Concen: 6.347 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Tgt Ion:228 Resp: 119896

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	21.2	16.2	24.4



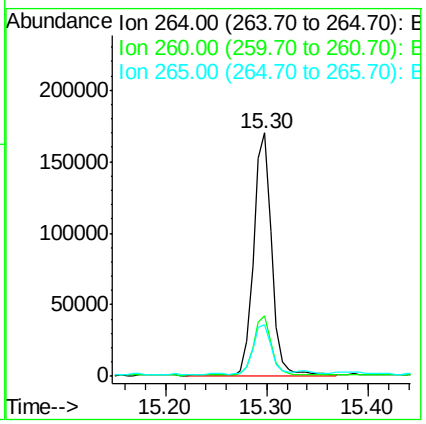


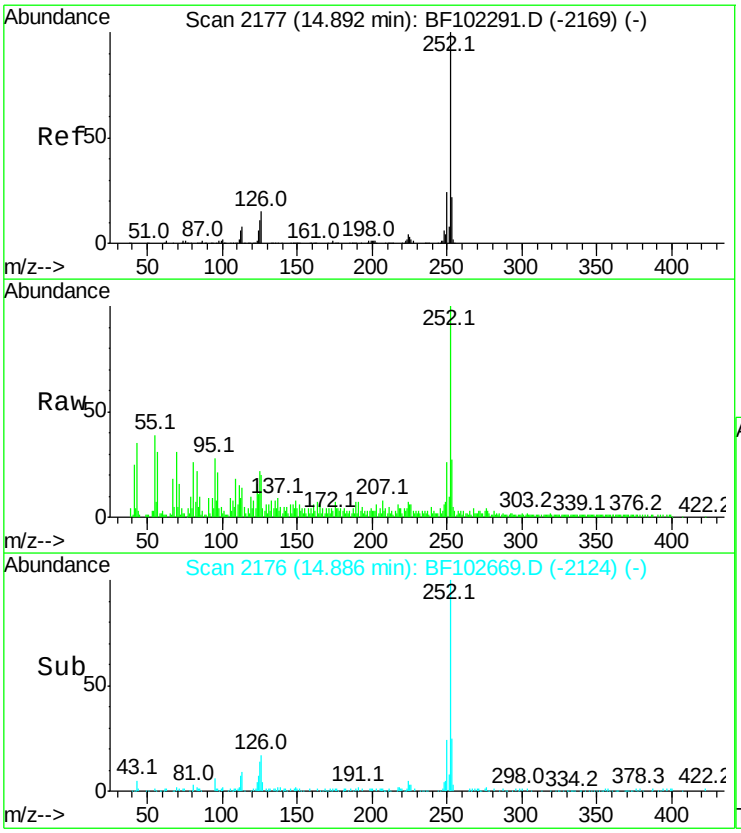
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 208073

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.3	17.5	26.3

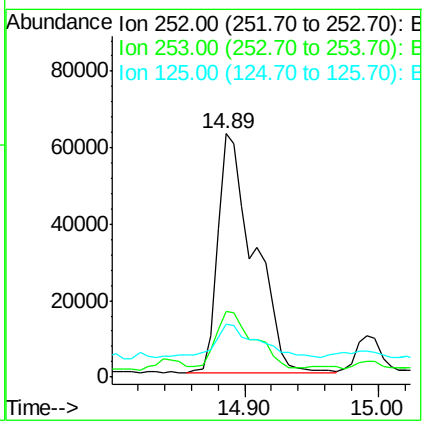


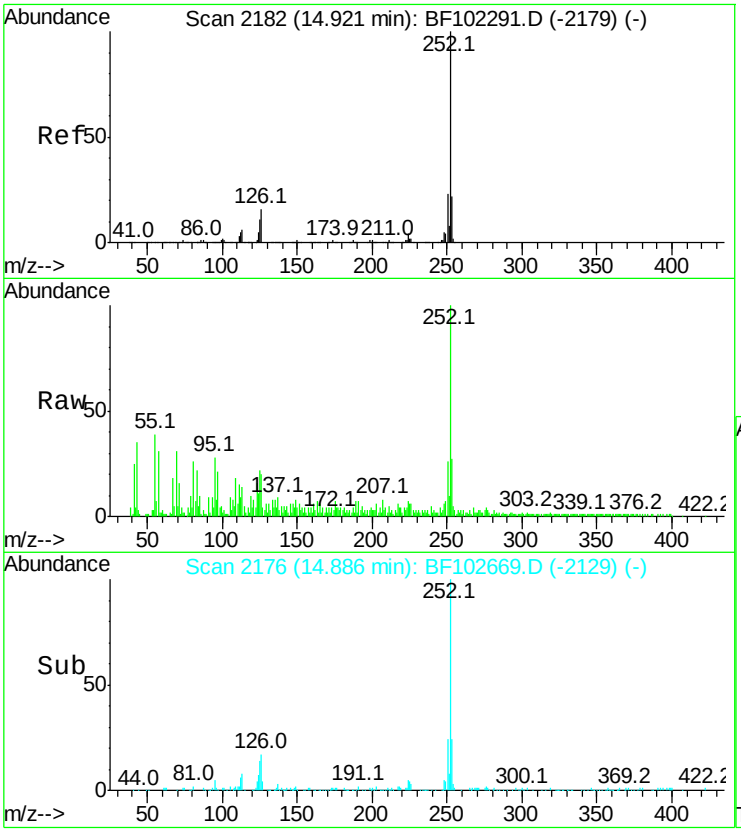


#87
Benzo(b)fluoranthene
Concen: 8.815 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Tgt Ion:252 Resp: 118879

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.0	25.6#
125	21.6	9.0	13.6#



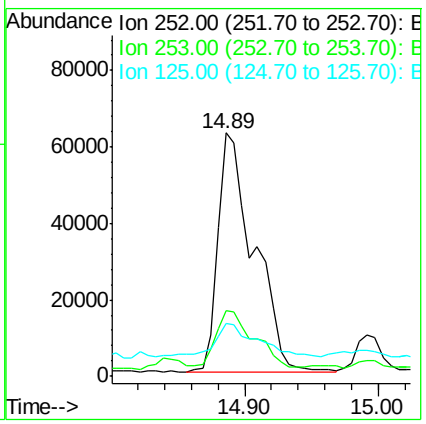


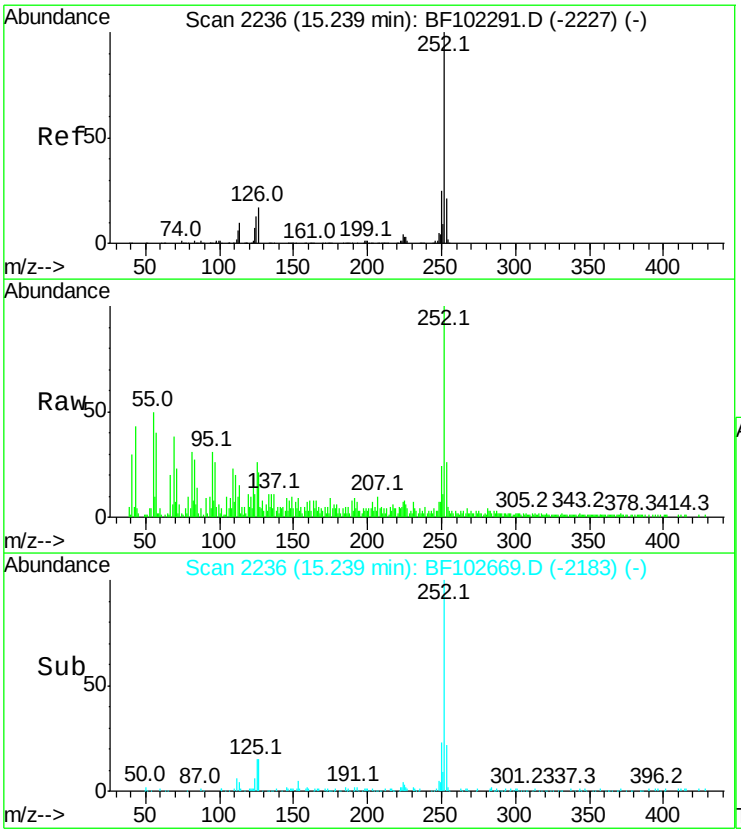
#88
Benzo(k)fluoranthene
Concen: 9.330 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 118879

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.9	26.9#
125	21.6	10.2	15.2#

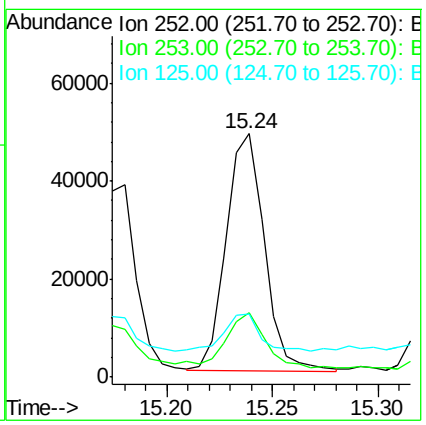


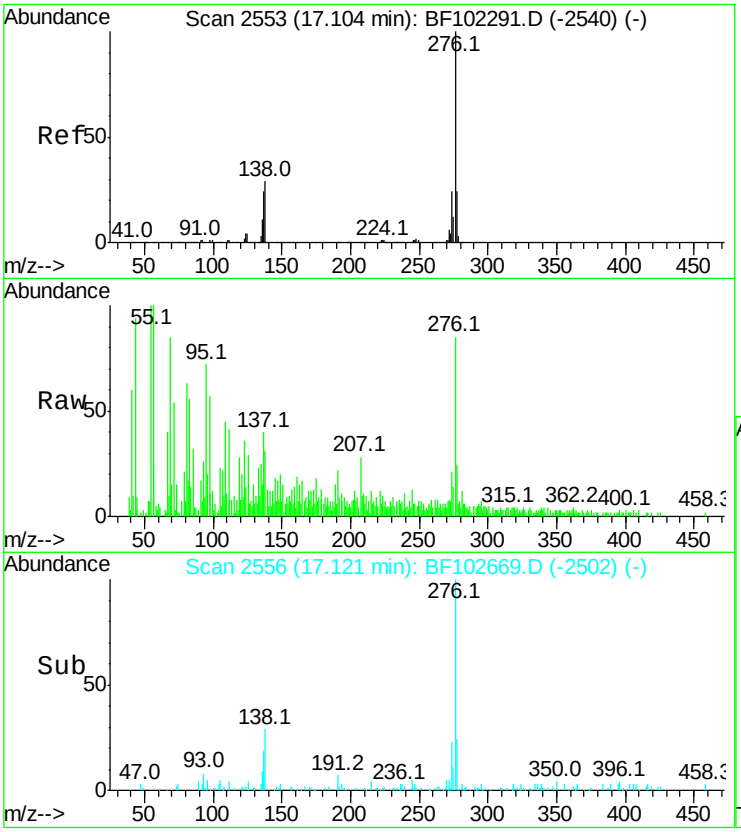


#89
Benzo(a)pyrene
Concen: 4.986 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Tgt Ion:252 Resp: 60643

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.1	25.7#
125	26.2	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.072 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.02 min
Lab File: BF102669.D
Acq: 31 Jan 2018 21:52

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 29888

Ion	Ratio	Lower	Upper
276	100		
277	28.4	17.9	26.9#
138	36.7	21.8	32.8#