Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
Data File : BF090119.D
Acq On : 16 Sep 2016 21:19
Operator : UM/SJ
Sample : H4805-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HAWORTH09

Quant Time: Sep 16 23:31:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	154392	20.00	ng		-0.01
21) Naphthalene-d8	7.83	136	604820	20.00	ng		-0.01
38) Acenaphthene-d10	9.58	164	277490	20.00	ng		-0.01
63) Phenanthrene-d10	11.04	188	375633	20.00	ng		-0.01
75) Chrysene-d12	13.66	240	300238	20.00	ng		-0.01
86) Perylene-d12	14.98	264	229943	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	1008347	105.04	ng		-0.01
7) Phenol-d6	6.19	99	1292902	102.87	ng		-0.01
23) Nitrobenzene-d5	7.11	82	763171	70.95	ng		-0.02
41) 2,4,6-Tribromophenol	10.35	330	205550	73.74	ng		-0.02
44) 2-Fluorobiphenyl	8.91	172	1214688	68.75	ng		-0.01
78) Terphenyl-d14	12.63	244	739488	58.49	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	9.31	163	308026	14.94	ng		98
70) Phenanthrene	11.06	178	41522	2.29	ng		99
74) Fluoranthene	12.24	202	115474	6.07	ng		94
77) Pyrene	12.46	202	108513	4.95	ng		96
80) Benzo(a)anthracene	13.65	228	54179	3.09	ng		91
82) Chrysene	13.68	228	59018	3.59	ng		96
85) Indeno(1,2,3-cd)pyrene	16.16	276	37415	2.62	ng		96
87) Benzo(b)fluoranthene	14.63	252	64666m	4.80	ng		
88) Benzo(k)fluoranthene	14.64	252	35797m	2.95	ng		
89) Benzo(a)pyrene	14.93	252	47774	3.95	ng	#	75
91) Benzo(g,h,i)perylene	16.51	276	35818	3.96	ng	#	90

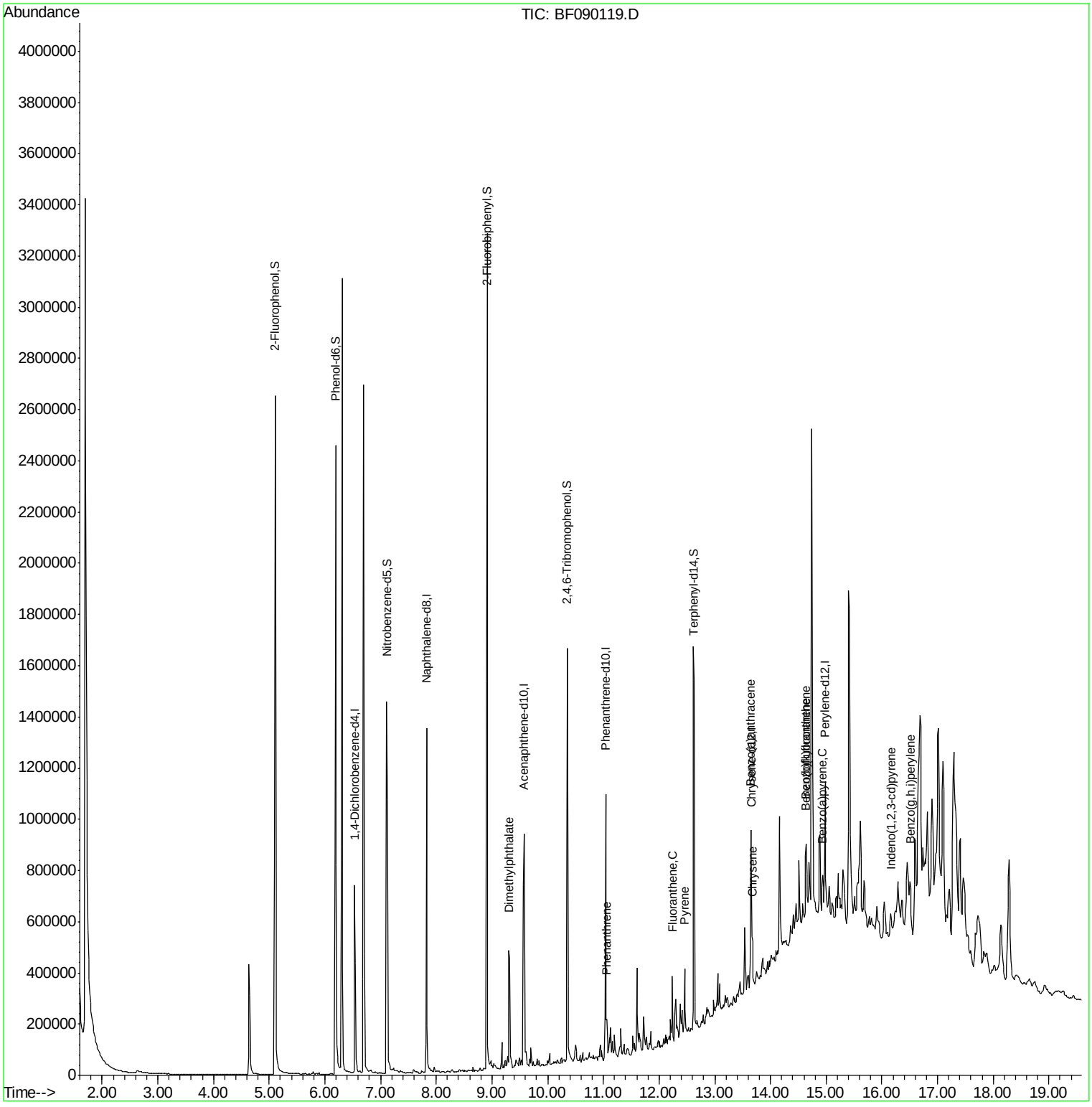
(#) = qualifier out of range (m) = manual integration (+) = signals summed

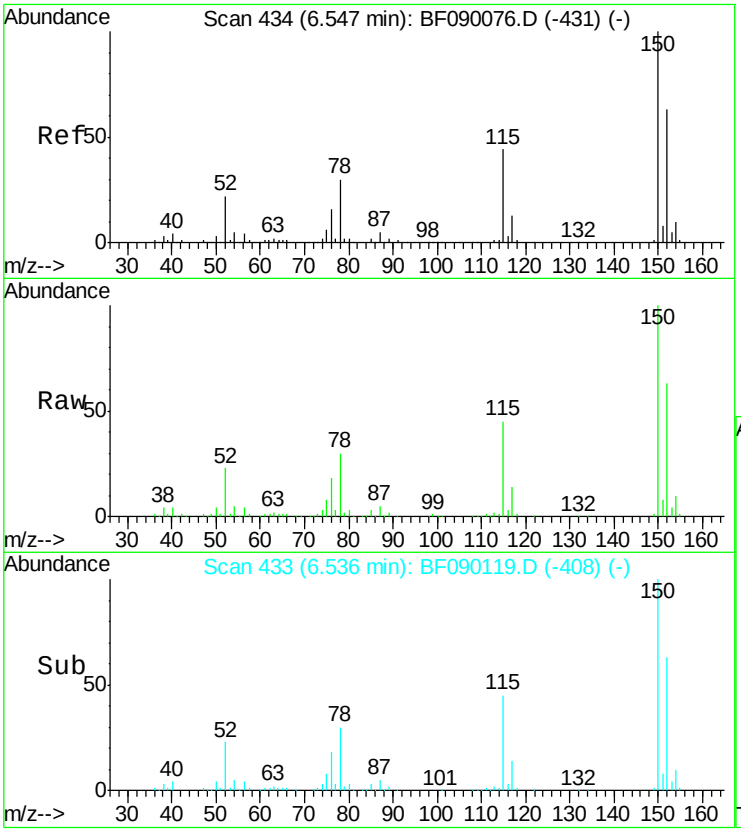
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
Data File : BF090119.D
Acq On : 16 Sep 2016 21:19
Operator : UM/SJ
Sample : H4805-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HAWORTH09

Quant Time: Sep 16 23:31:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration



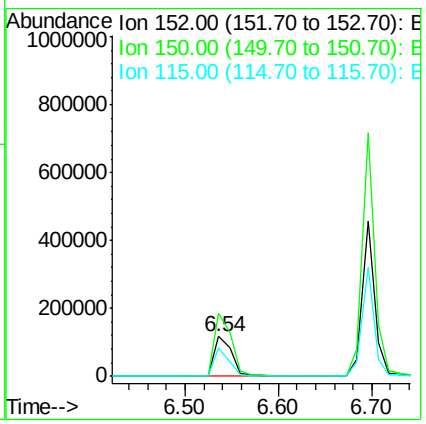


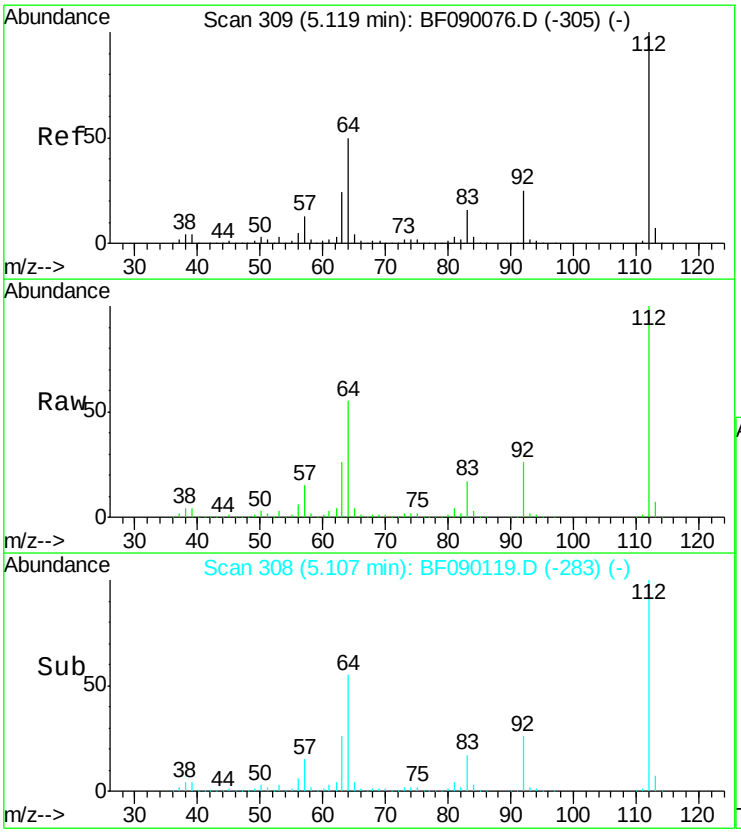
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Instrument :
BNA_F
ClientSampleId :
HAWORTH09

Tgt Ion:152 Resp: 154392

Ion	Ratio	Lower	Upper
152	100		
150	159.6	128.9	193.3
115	71.1	55.5	83.3

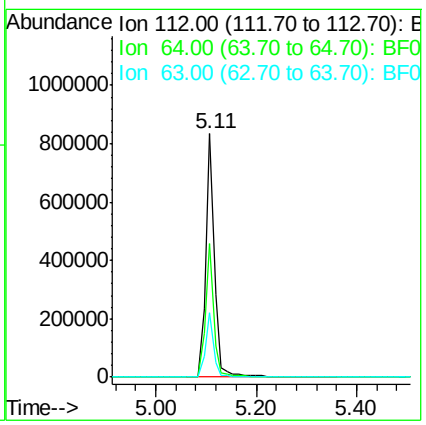


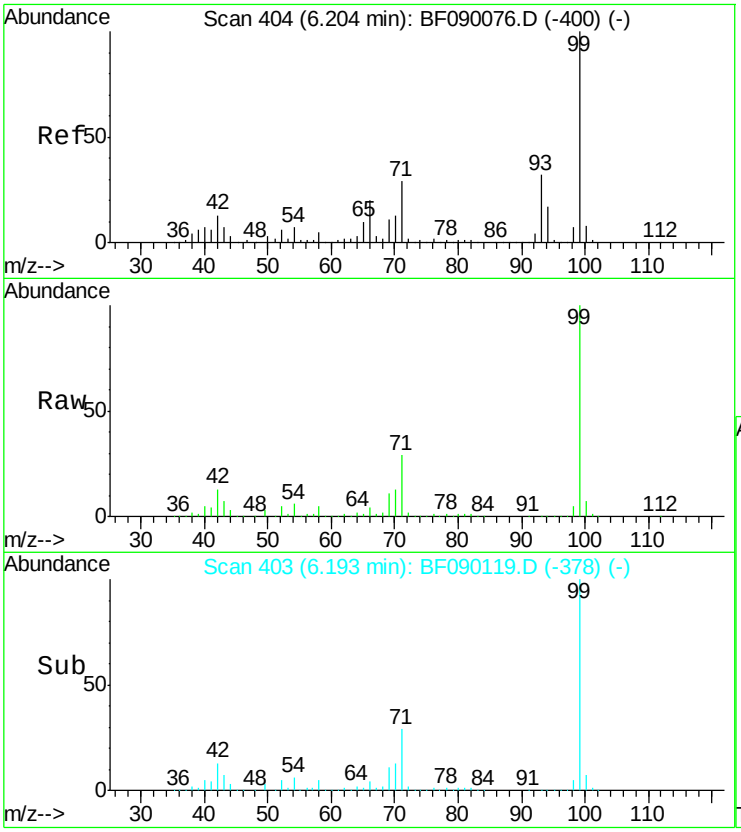


#5
2-Fluorophenol
Concen: 105.04 ng
RT: 5.11 min Scan# 308
Delta R.T. -0.01 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Tgt Ion:112 Resp: 1008347

Ion	Ratio	Lower	Upper
112	100		
64	54.7	39.8	59.6
63	26.4	18.9	28.3



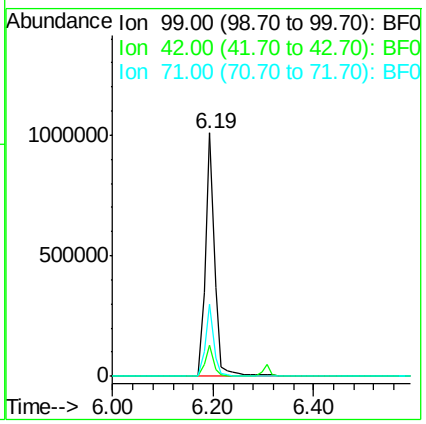


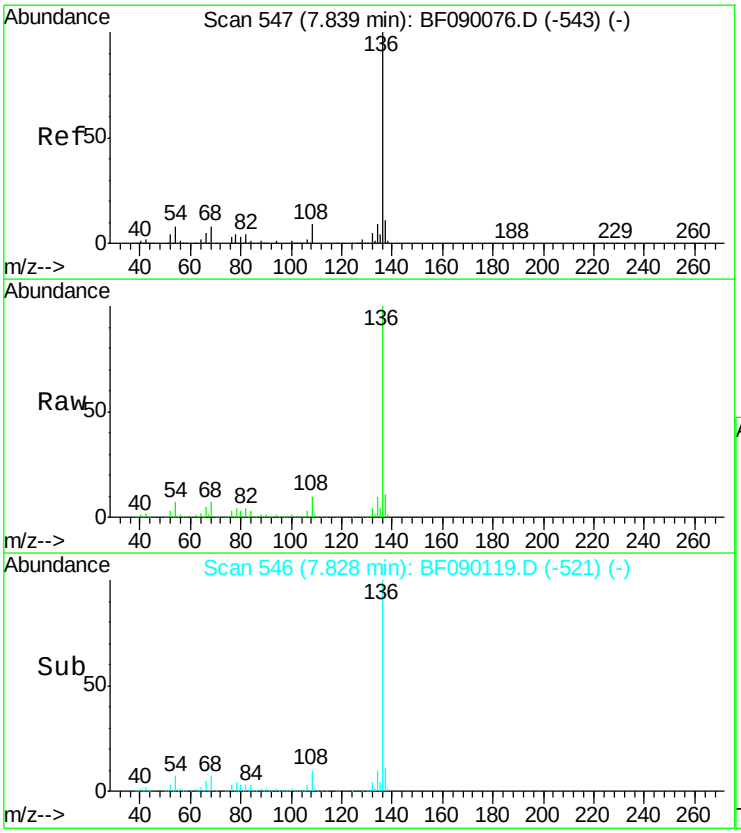
#7
Phenol-d6
Concen: 102.87 ng
RT: 6.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Instrument :
BNA_F
ClientSampleId :
HAWORTH09

Tgt Ion: 99 Resp: 1292902

Ion	Ratio	Lower	Upper
99	100		
42	13.0	10.6	15.8
71	29.4	23.0	34.6

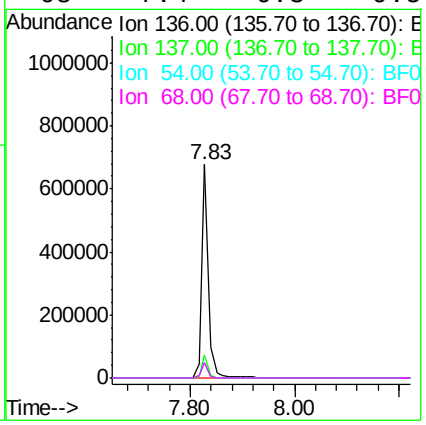


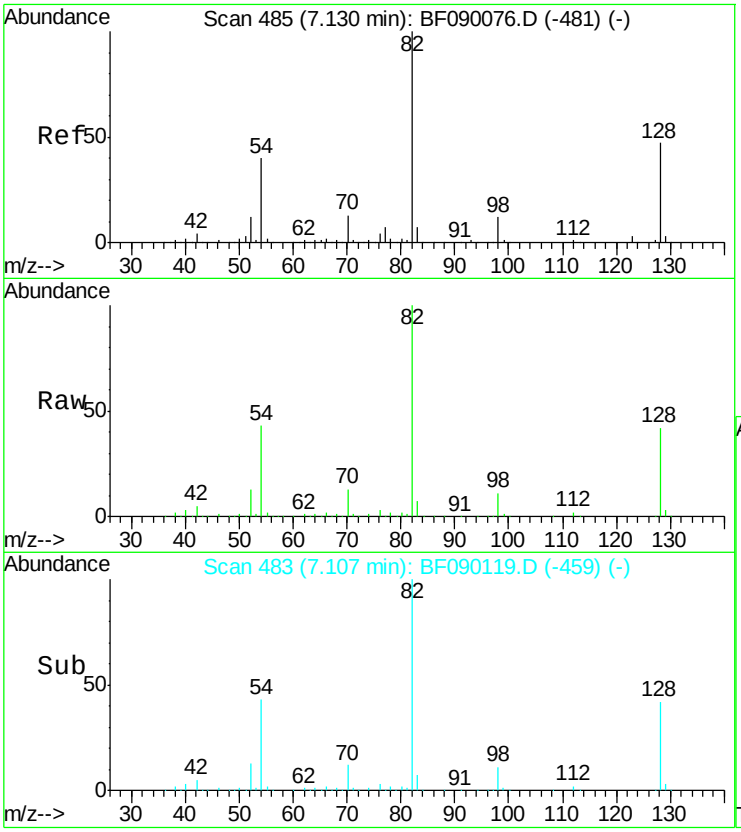


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Tgt Ion:136 Resp: 604820

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.4	6.4	9.6
68	7.4	6.3	9.5



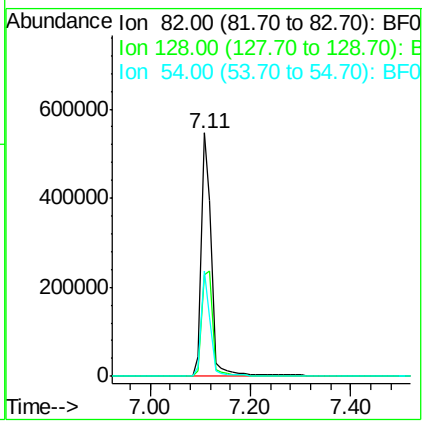


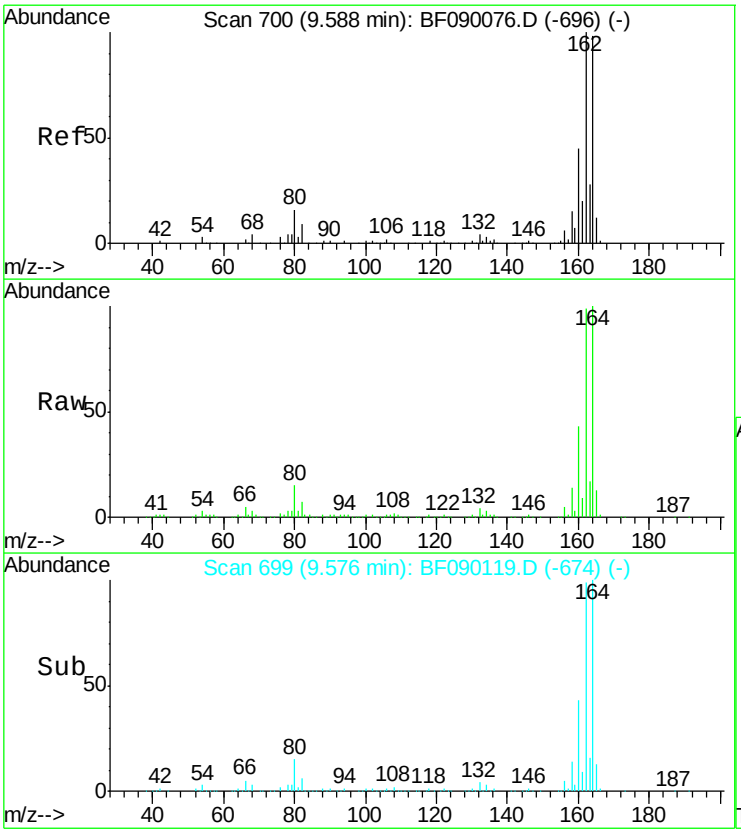
#23
Nitrobenzene-d5
Concen: 70.95 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Instrument :
BNA_F
ClientSampleId :
HAWORTH09

Tgt Ion: 82 Resp: 763171

Ion	Ratio	Lower	Upper
82	100		
128	41.8	37.5	56.3
54	43.1	31.9	47.9

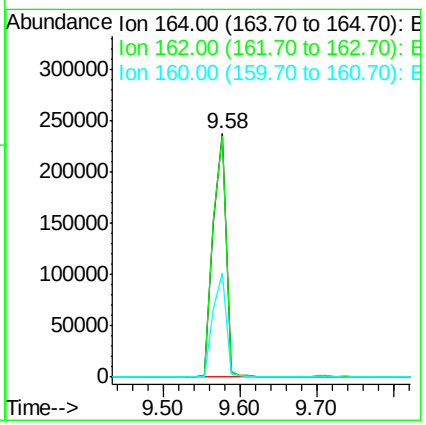


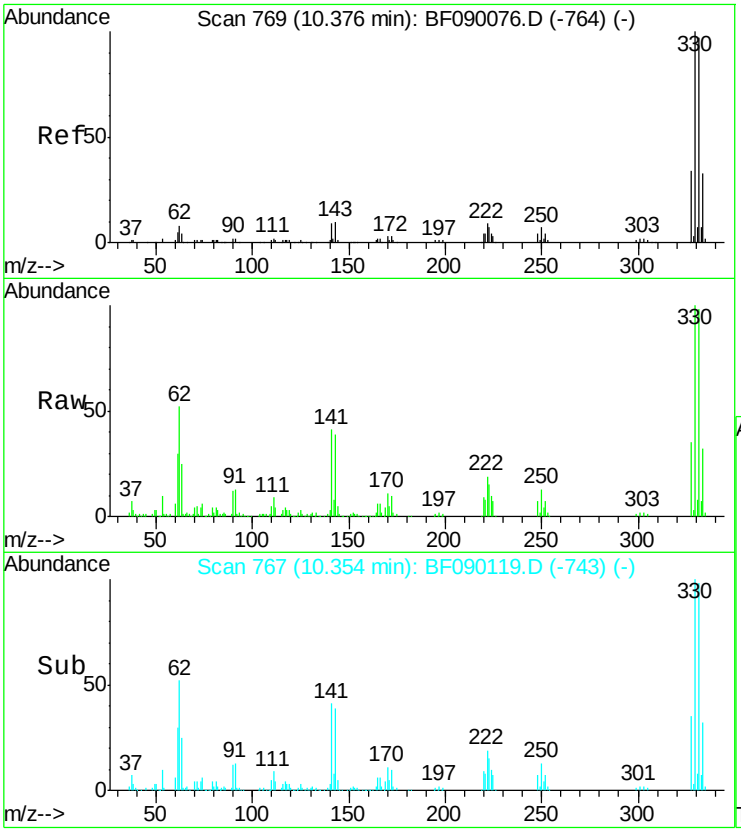


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Tgt Ion:164 Resp: 277490

Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.4	122.2
160	42.7	36.6	54.8



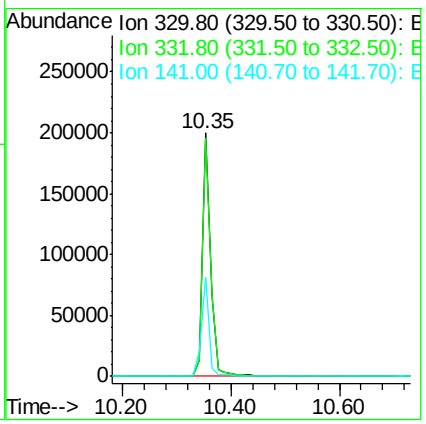


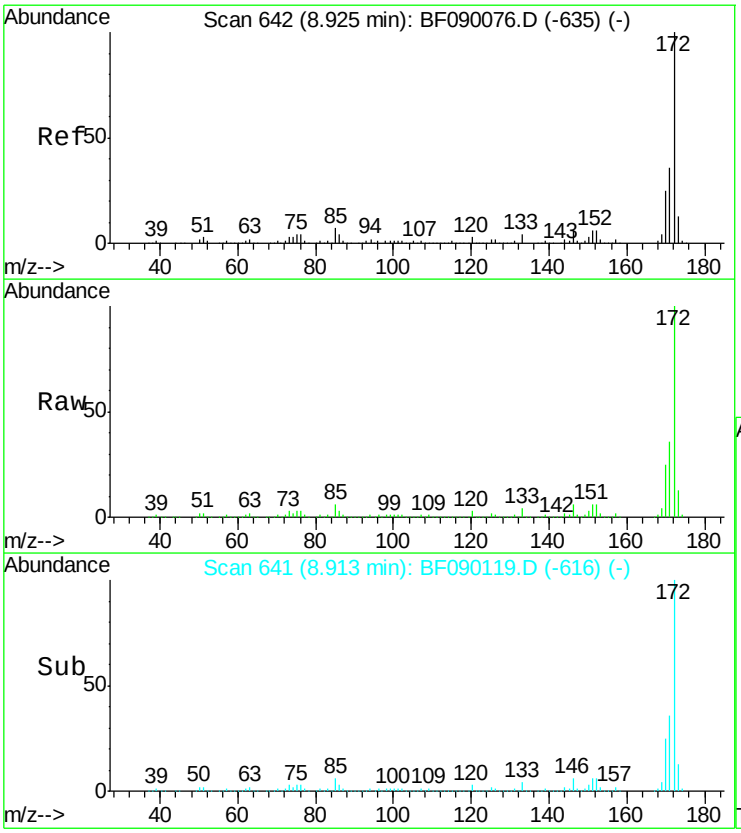
#41
2,4,6-Tribromophenol
Concen: 73.74 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Instrument :
BNA_F
ClientSampleId :
HAWORTH09

Tgt Ion:330 Resp: 205550

Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.1	117.1
141	38.3	23.9	35.9#

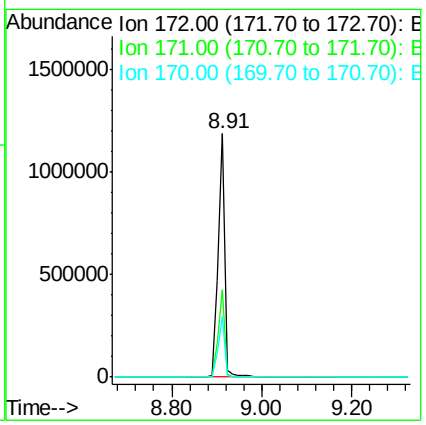


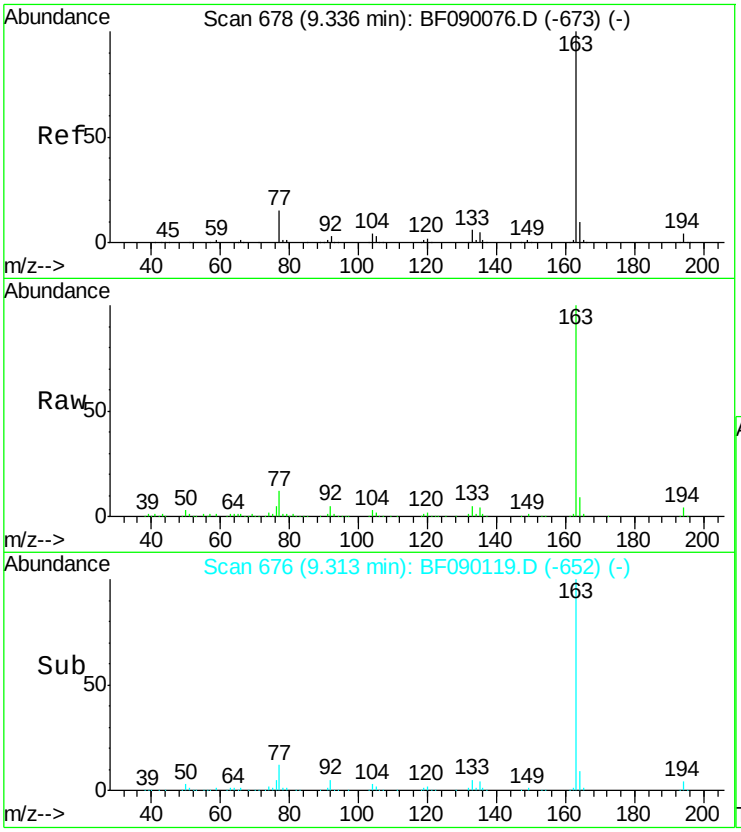


#44
2-Fluorobiphenyl
Concen: 68.75 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Tgt Ion:172 Resp: 1214688

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	25.0	19.8	29.8



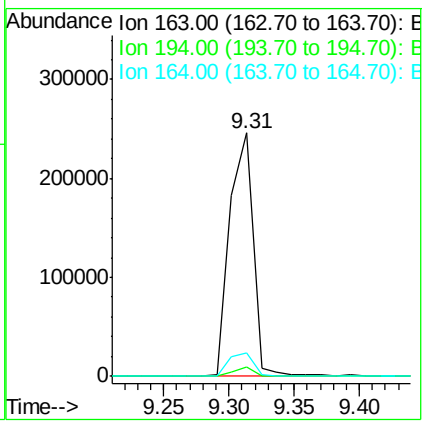


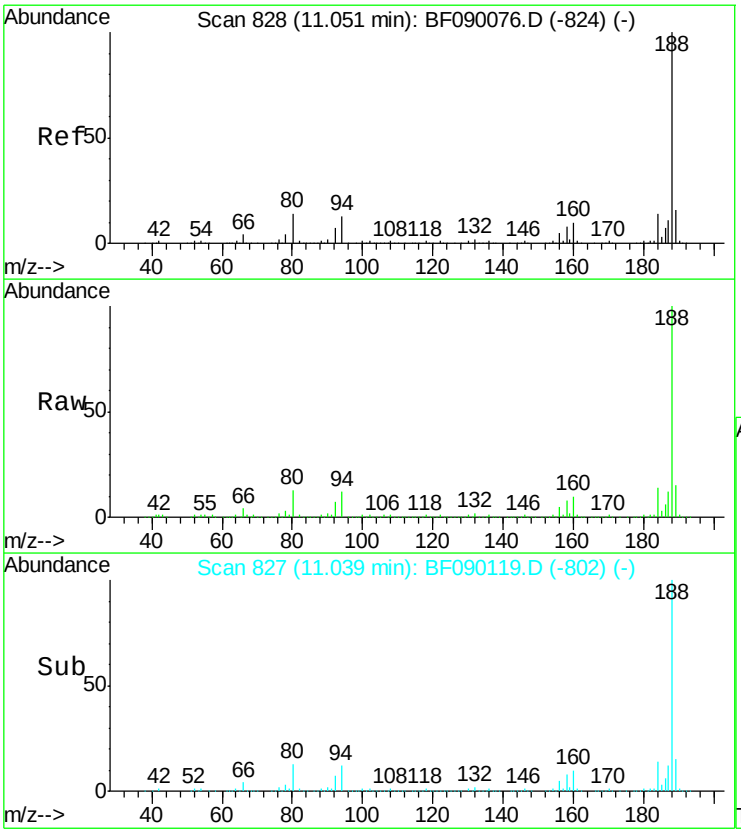
#49
Dimethylphthalate
Concen: 14.94 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.02 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Instrument :
BNA_F
ClientSampleId :
HAWORTH09

Tgt Ion:163 Resp: 308026

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.5	8.1	12.1

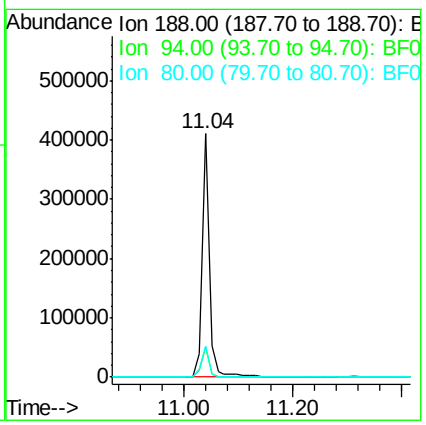


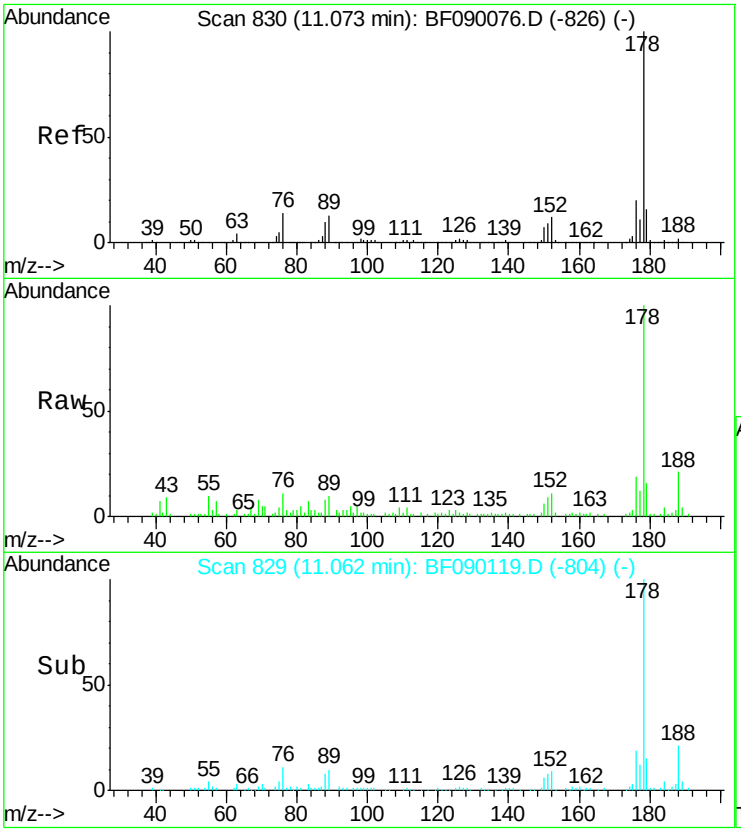


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Tgt Ion:188 Resp: 375633

Ion	Ratio	Lower	Upper
188	100		
94	12.3	10.5	15.7
80	12.7	11.2	16.8



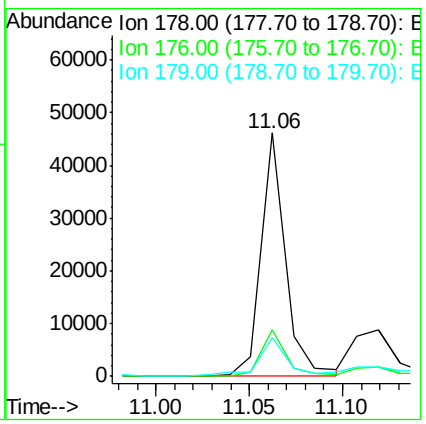


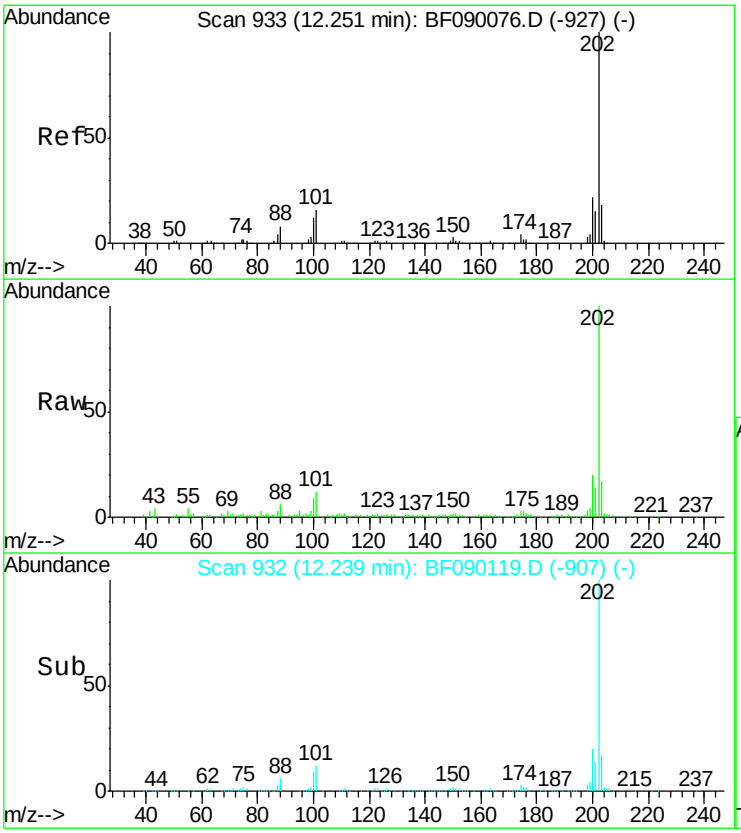
#70
Phenanthrene
Concen: 2.29 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Instrument :
BNA_F
ClientSampleId :
HAWORTH09

Tgt Ion:178 Resp: 41522

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	16.0	12.9	19.3

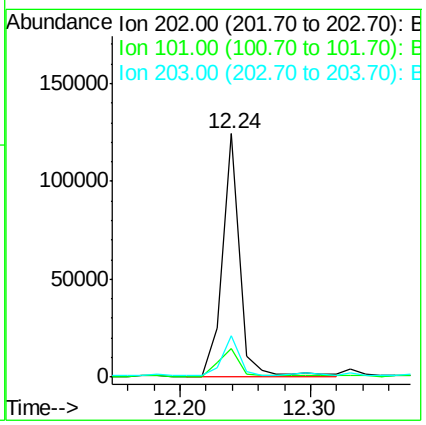


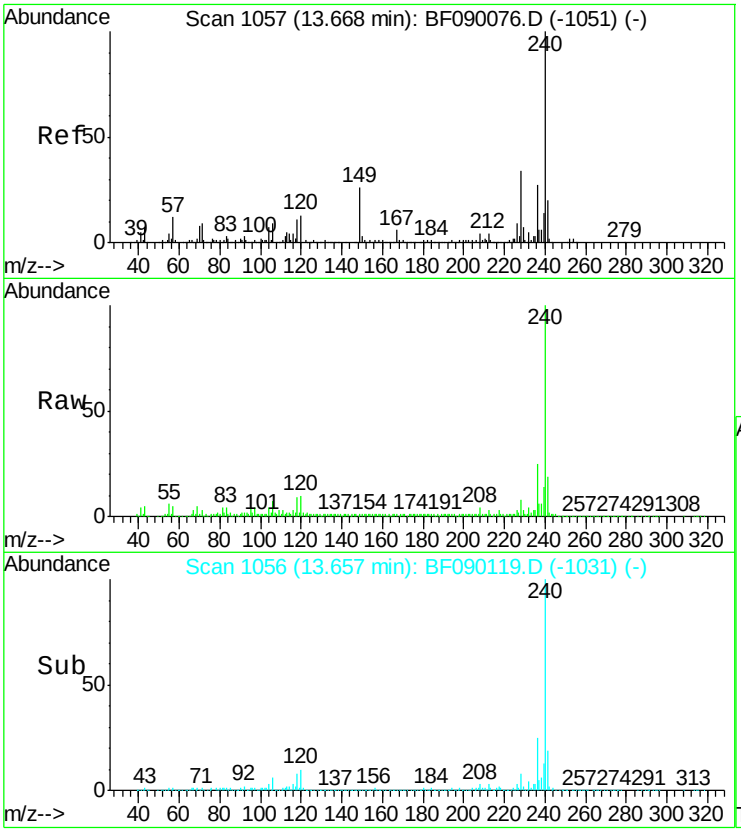


#74
Fluoranthene
Concen: 6.07 ng
RT: 12.24 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Tgt Ion:202 Resp: 115474

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	36.1
203	17.2	0.0	38.2



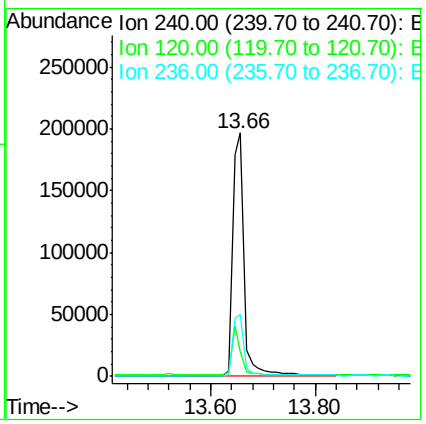


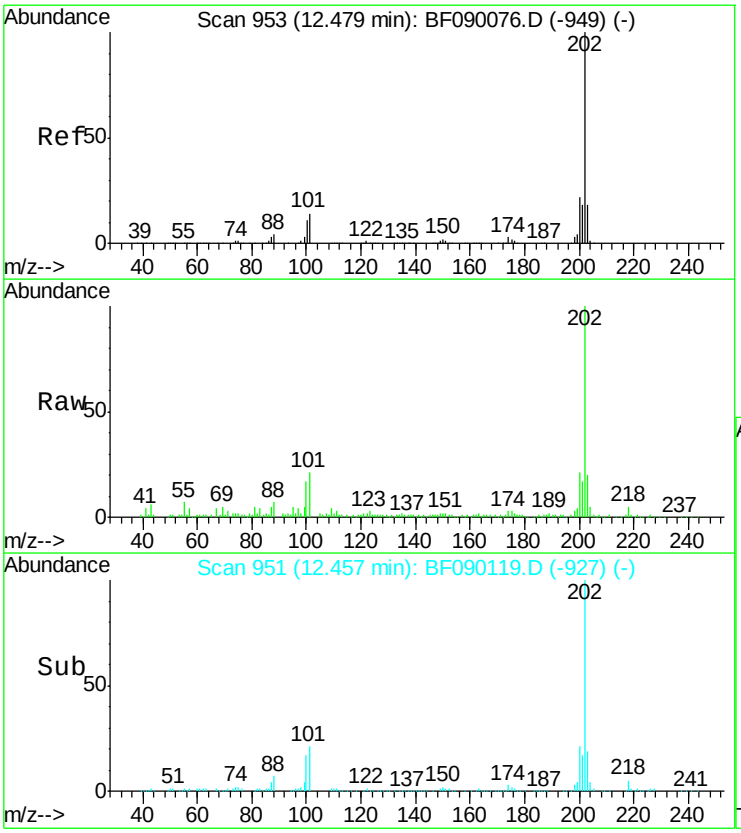
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.66 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Instrument :
BNA_F
ClientSampleId :
HAWORTH09

Tgt Ion:240 Resp: 300238

Ion	Ratio	Lower	Upper
240	100		
120	10.4	10.6	16.0#
236	25.3	21.6	32.4

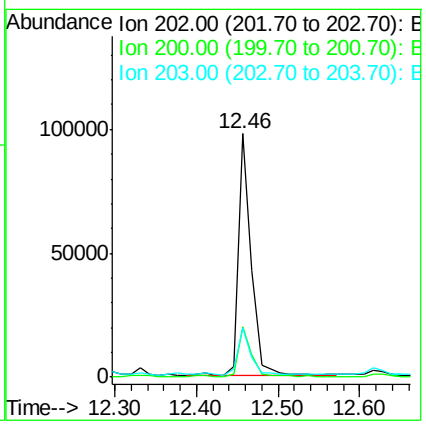


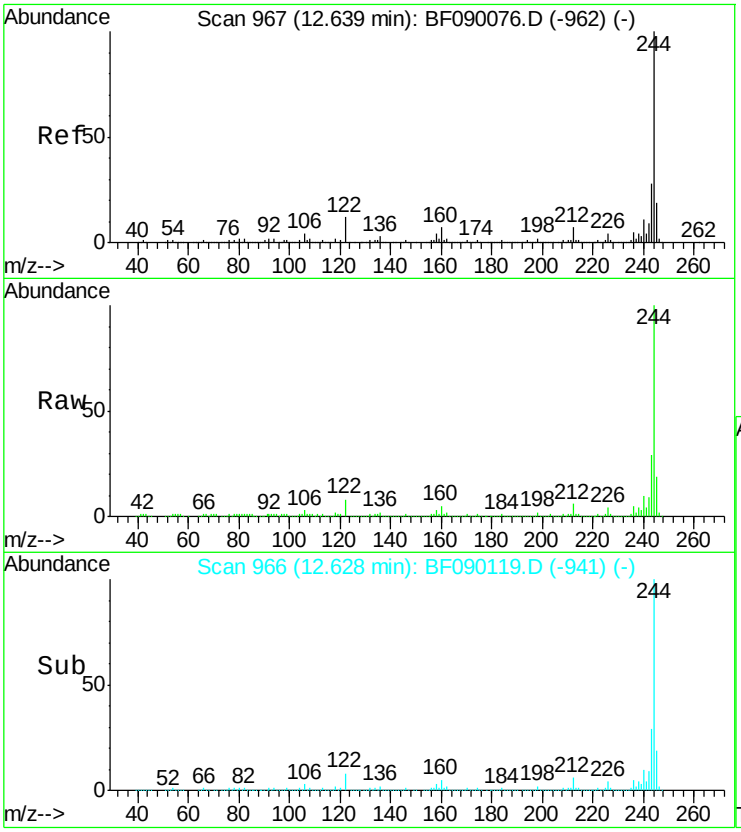


#77
Pyrene
Concen: 4.95 ng
RT: 12.46 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Tgt Ion:202 Resp: 108513

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.9	26.9
203	19.9	14.2	21.4



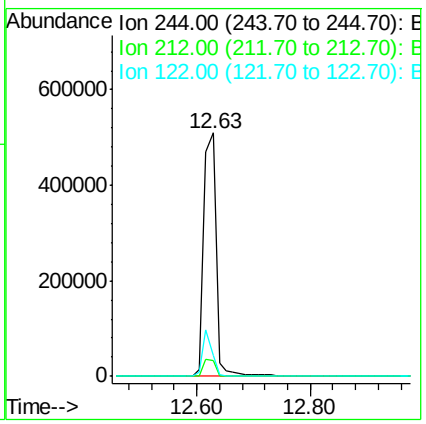


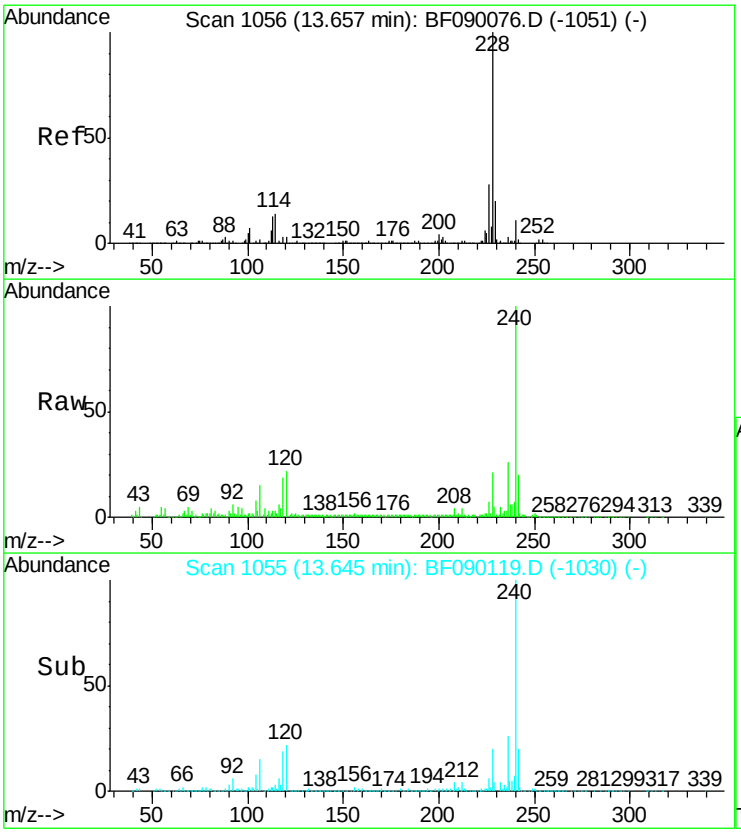
#78
Terphenyl-d14
Concen: 58.49 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Instrument :
BNA_F
ClientSampleId :
HAWORTH09

Tgt Ion:244 Resp: 739488

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	8.4	9.4	14.0#

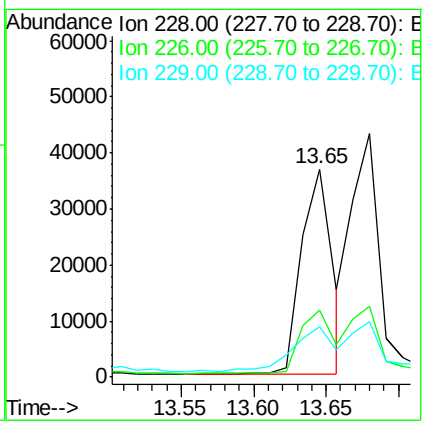


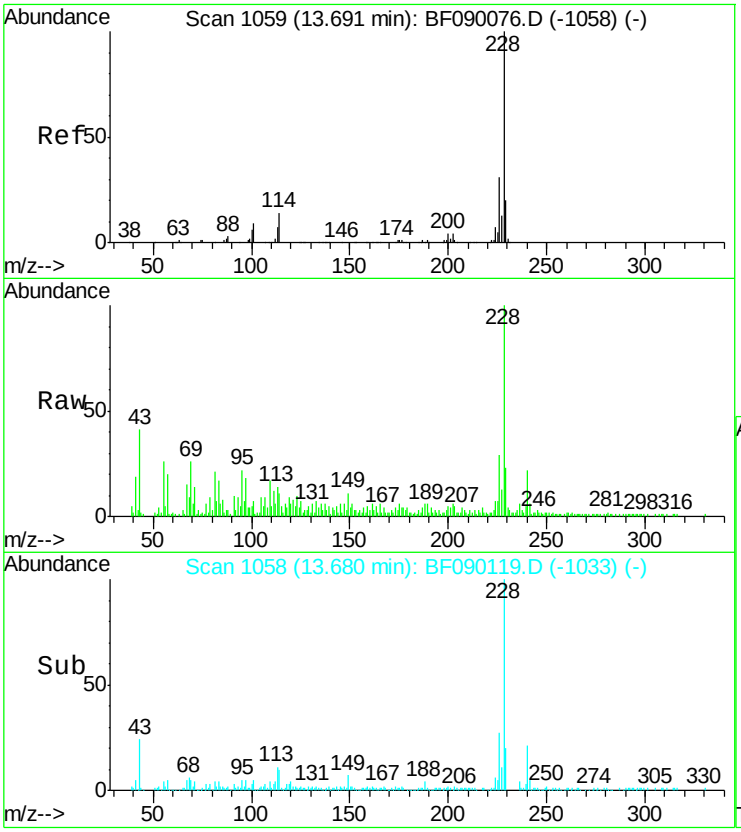


#80
Benzo(a)anthracene
Concen: 3.09 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Tgt Ion:228 Resp: 54179

Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.0	33.0
229	24.1	16.2	24.2



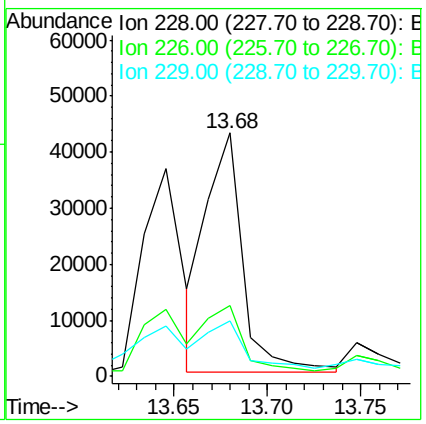


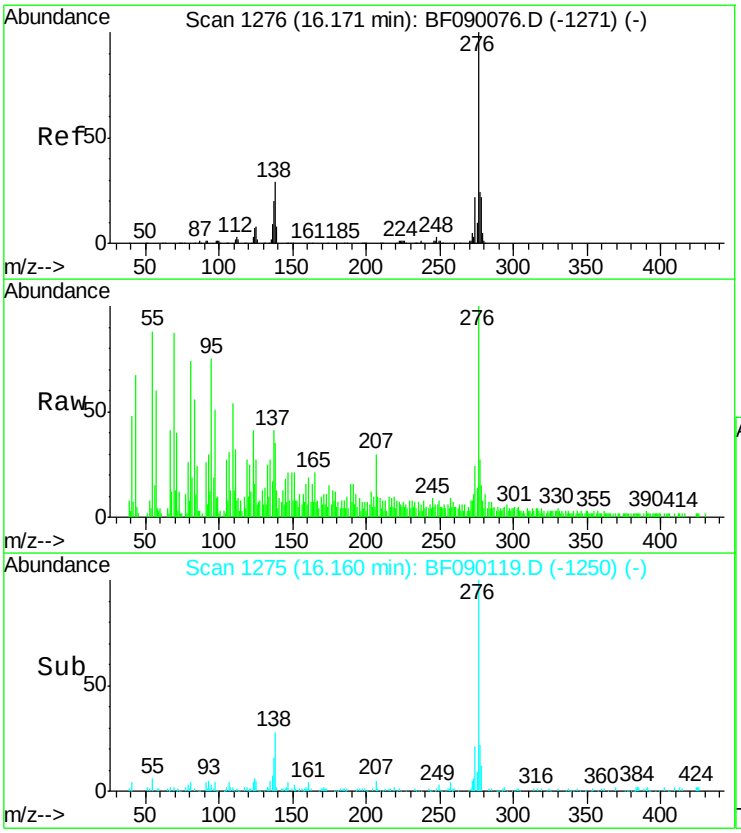
#82
Chrysene
Concen: 3.59 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Instrument :
BNA_F
ClientSampleId :
HAWORTH09

Tgt Ion:228 Resp: 59018

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.6	37.0
229	23.0	16.2	24.4

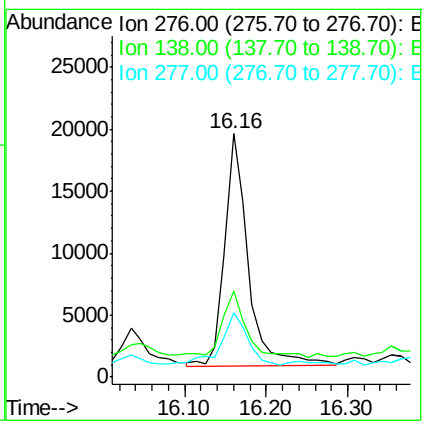


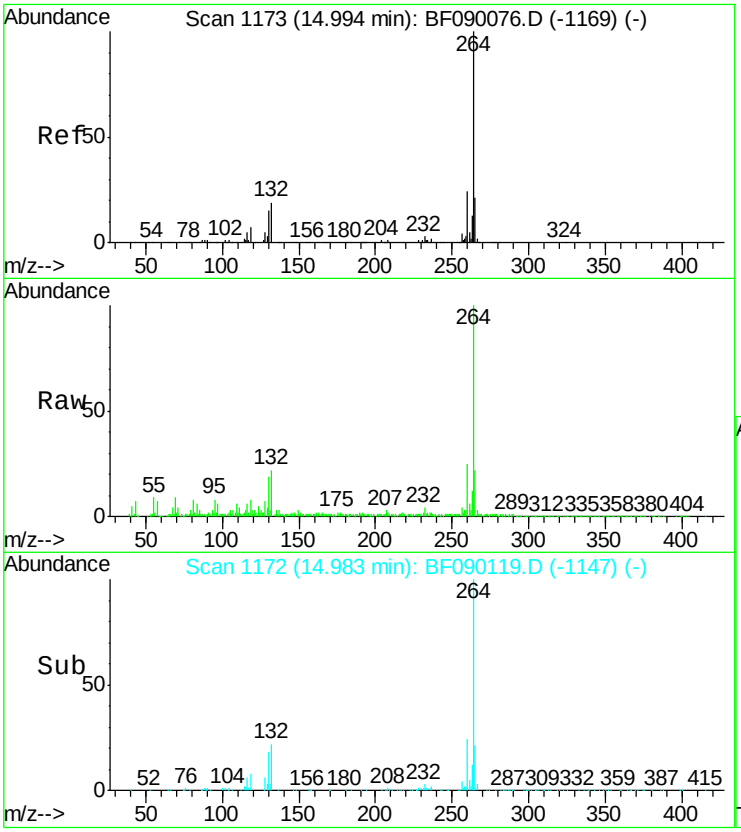


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.62 ng
RT: 16.16 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Tgt Ion:276 Resp: 37415

Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.9	38.9
277	25.4	19.9	29.9



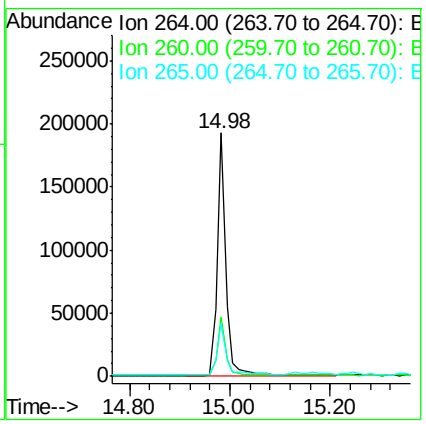


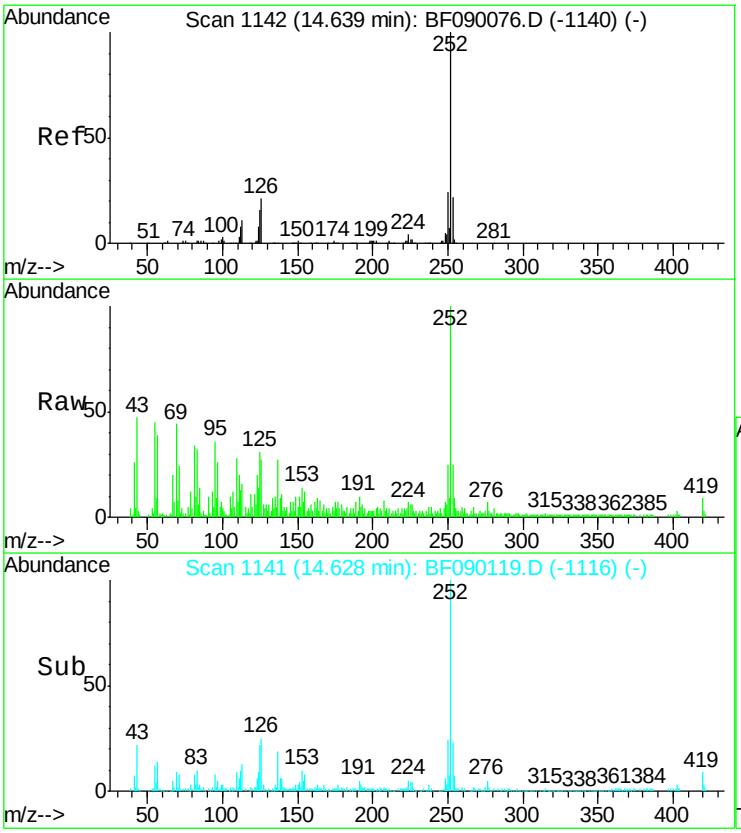
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Instrument :
BNA_F
ClientSampleId :
HAWORTH09

Tgt Ion:264 Resp: 229943

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.7	17.0	25.4

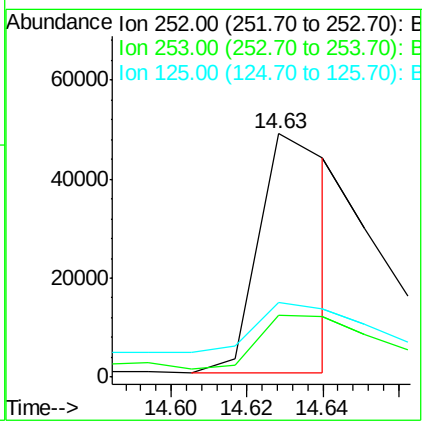


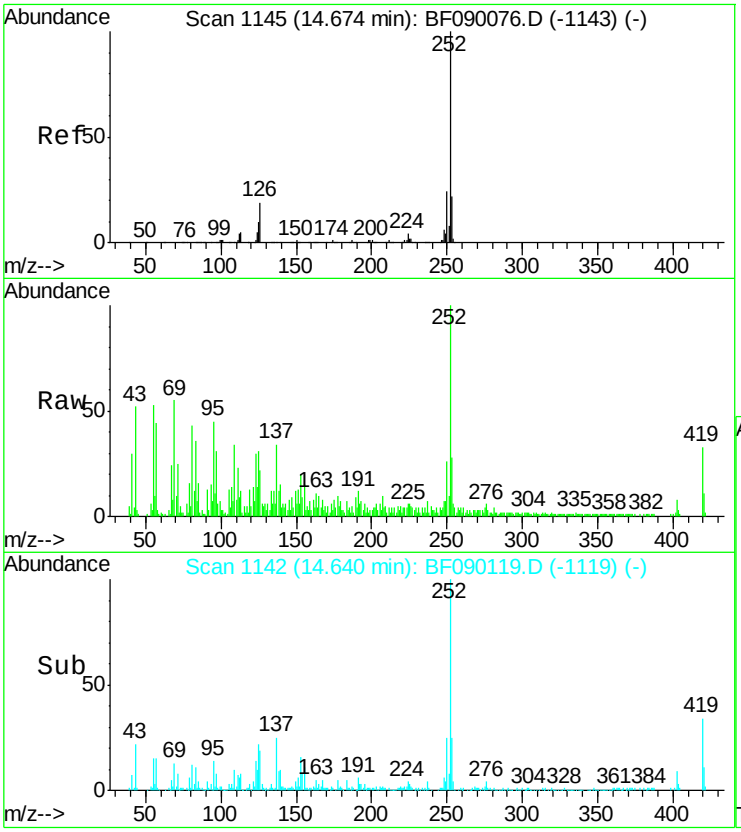


#87
Benzo(b)fluoranthene
Concen: 4.80 ng m
RT: 14.63 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Tgt Ion:252 Resp: 64666

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.9	26.9
125	30.5	12.7	19.1#



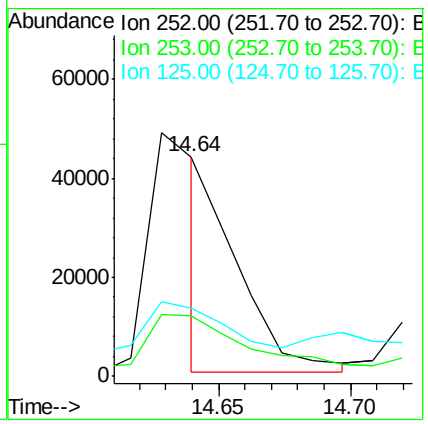


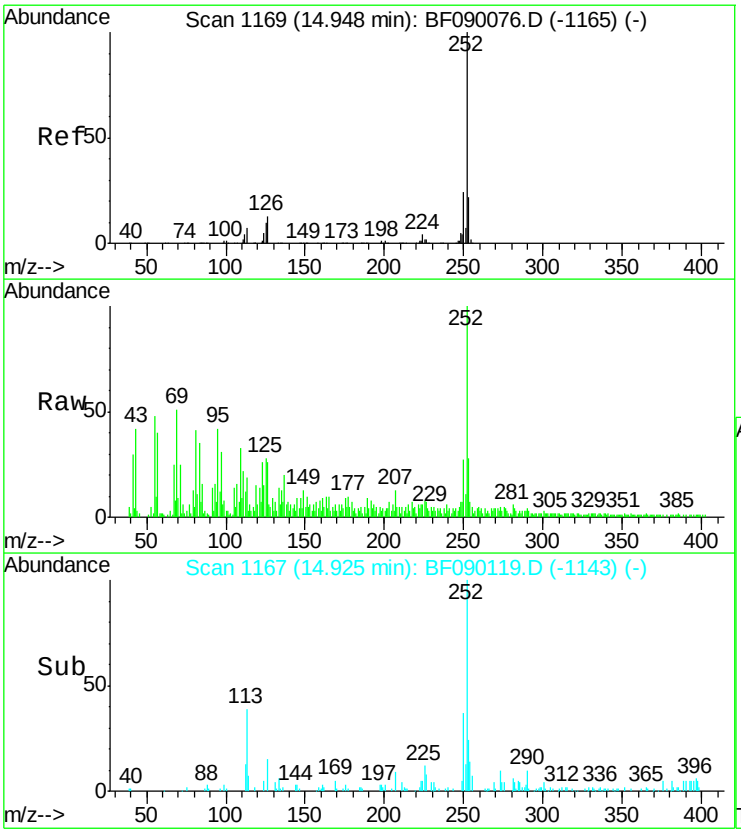
#88
Benzo(k)fluoranthene
Concen: 2.95 ng m
RT: 14.64 min Scan# 1142
Delta R.T. -0.03 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Instrument :
BNA_F
ClientSampleId :
HAWORTH09

Tgt Ion:252 Resp: 35797

Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.8	26.8#
125	31.1	7.8	11.6#

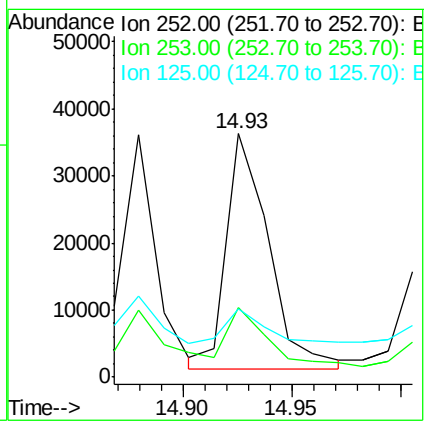


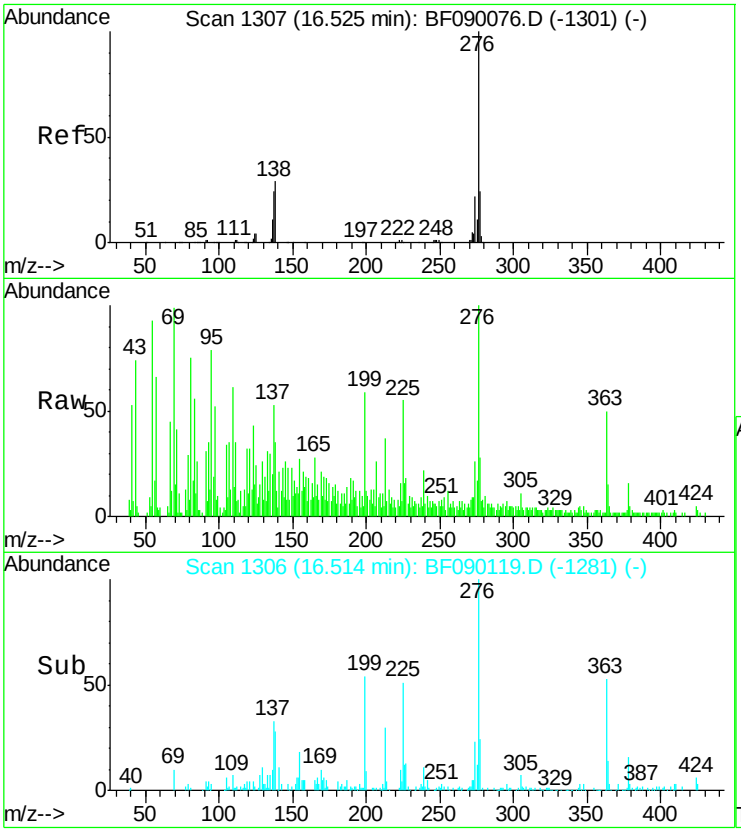


#89
Benzo(a)pyrene
Concen: 3.95 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Tgt Ion:252 Resp: 47774

Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.4	26.0#
125	27.9	7.7	11.5#





#91
Benzo(g,h,i)perylene
Concen: 3.96 ng
RT: 16.51 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF090119.D
Acq: 16 Sep 2016 21:19

Instrument :
BNA_F
ClientSampleId :
HAWORTH09

Tgt Ion:276 Resp: 35818

Ion	Ratio	Lower	Upper
276	100		
277	27.9	18.9	28.3
138	35.5	23.3	34.9#