Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104064.D
Acq On : 29 Mar 2018 21:07
Operator : JU/SJ
Sample : J2117-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 30 03:54:23 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	98904	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	428028	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	182205	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	260343	20.00	ng		0.00
75) Chrysene-d12	14.16	240	204640	20.00	ng		0.00
86) Perylene-d12	15.70	264	229709	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	8348	1.35	ng		0.04
7) Phenol-d6	6.62	99	83855	10.99	ng		0.02
23) Nitrobenzene-d5	7.55	82	53685	7.67	ng		0.01
41) 2,4,6-Tribromophenol	10.80	330	27810	13.71	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	150225	13.00	ng		0.00
78) Terphenyl-d14	13.08	244	103184	11.64	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.75	77	836	Below Cal		#	40
25) Isophorone	7.55	82	53685	4.162	ng	#	64
53) 2,4-Dinitrophenol	10.32	184	107	5.646	ng	#	78
70) Phenanthrene	11.53	178	73893	5.242	ng		96
71) Anthracene	11.53	178	73893	5.019	ng		96
74) Fluoranthene	12.72	202	196996	13.148	ng		97
77) Pyrene	12.95	202	149822	10.185	ng		98
80) Benzo(a)anthracene	14.14	228	106698	8.333	ng		98
82) Chrysene	14.18	228	80973	6.456	ng		98
85) Indeno(1,2,3-cd)pyrene	17.29	276	63364	4.876	ng	#	87
87) Benzo(b)fluoranthene	15.24	252	177019	12.662	ng	#	90
88) Benzo(k)fluoranthene	15.24	252	177019	13.442	ng		93
89) Benzo(a)pyrene	15.63	252	100681	7.772	ng	#	94

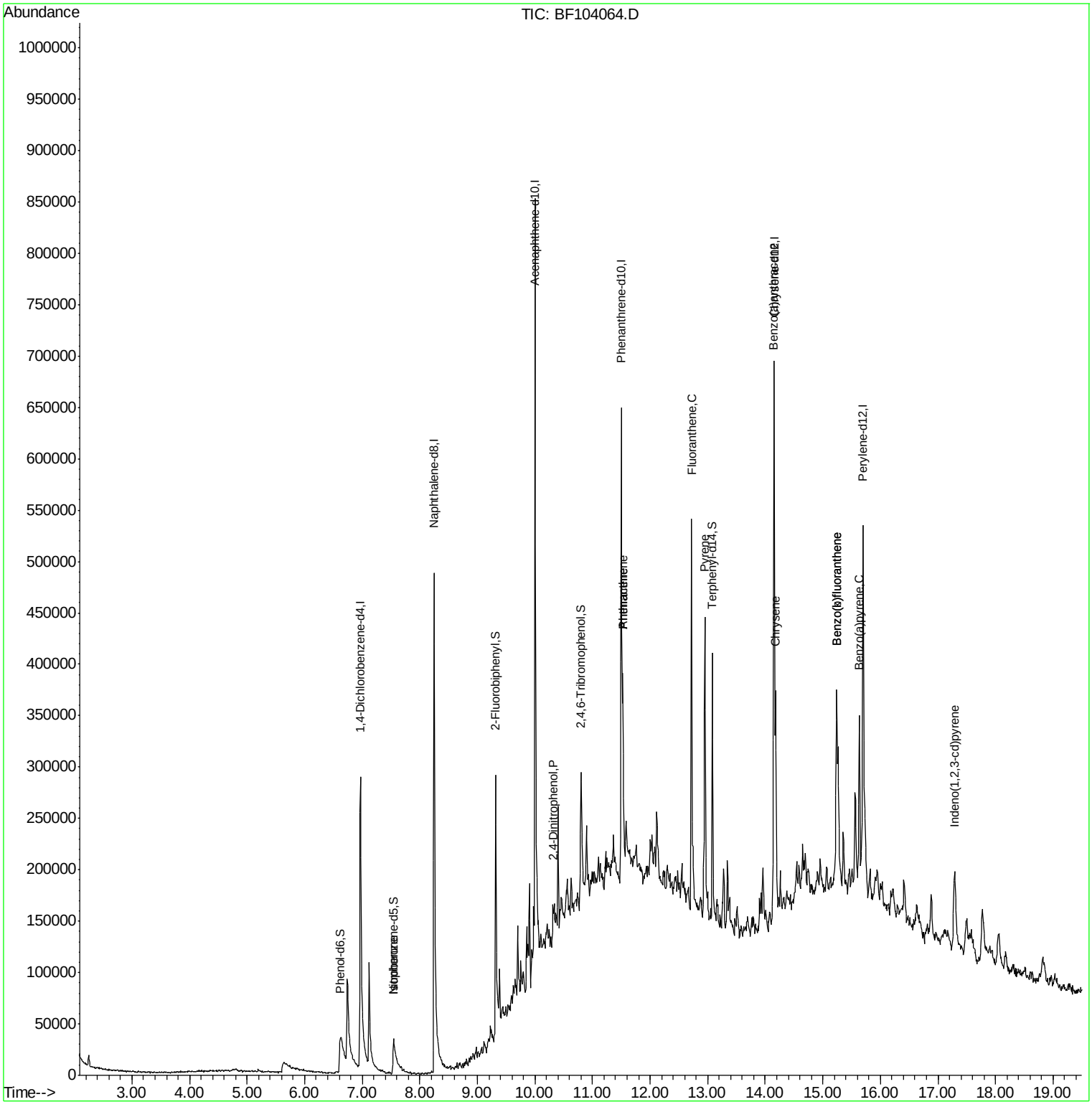
(#) = qualifier out of range (m) = manual integration (+) = signals summed

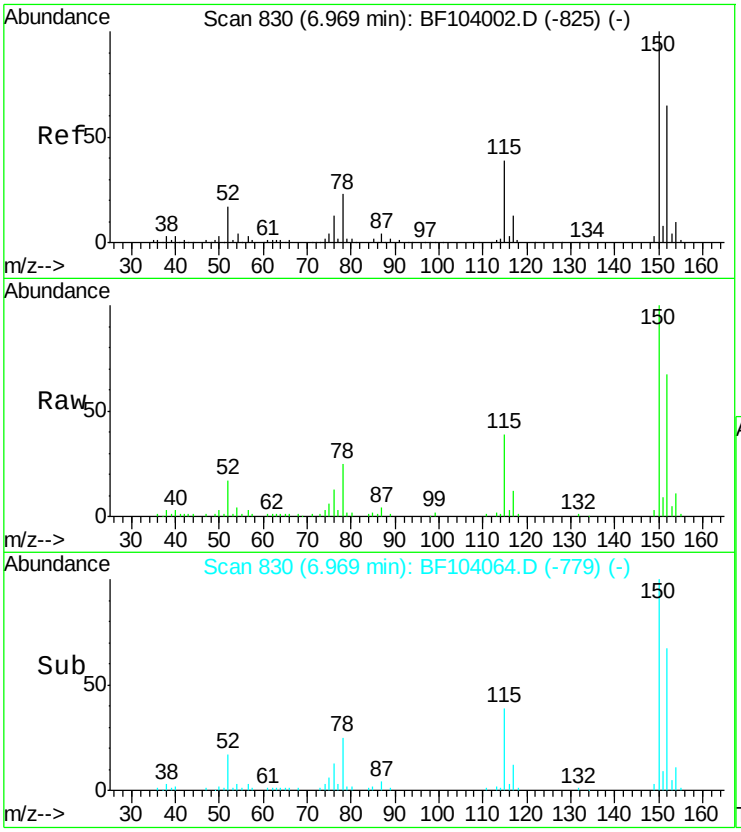
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104064.D
Acq On : 29 Mar 2018 21:07
Operator : JU/SJ
Sample : J2117-01 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 30 03:54:23 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

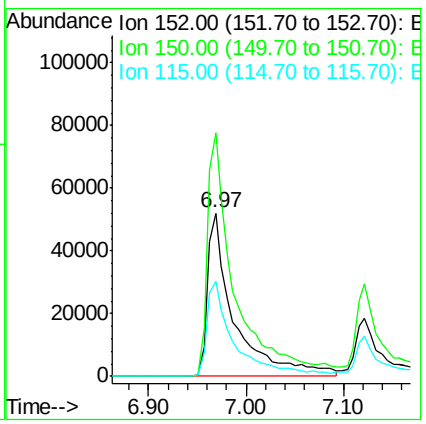




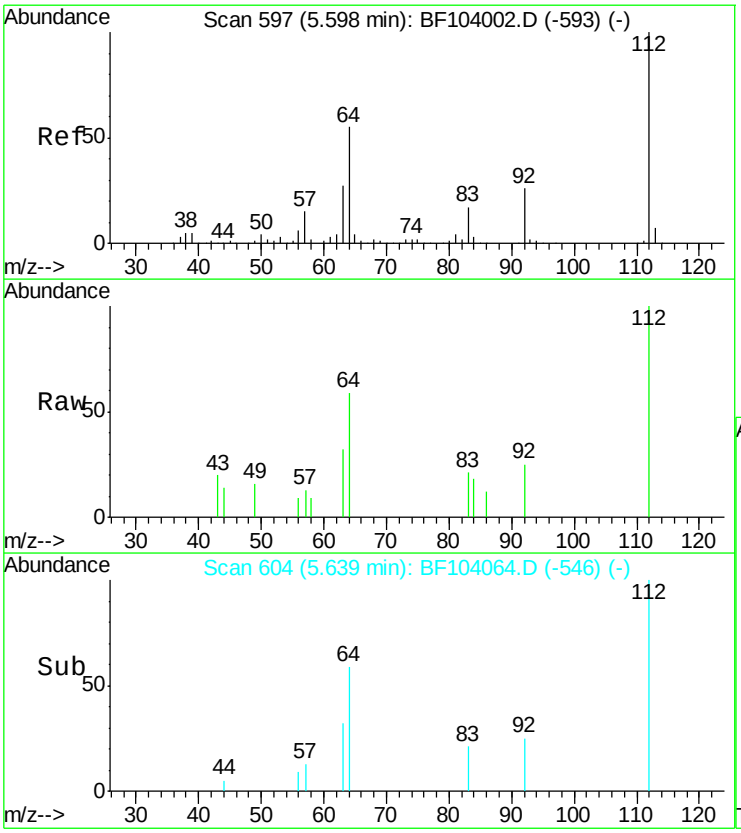
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Tgt Ion:152 Resp: 98904

Ion	Ratio	Lower	Upper
152	100		
150	149.3	124.6	186.8
115	58.3	50.1	75.1



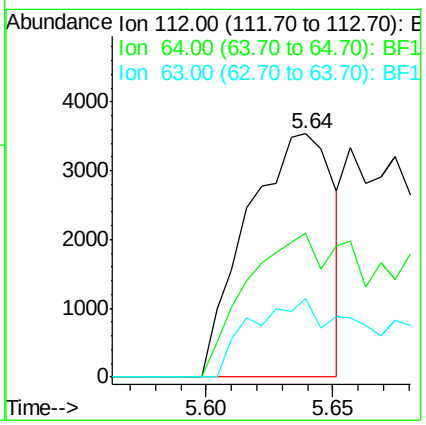
Instrument :
BNA_F
ClientSampleId :

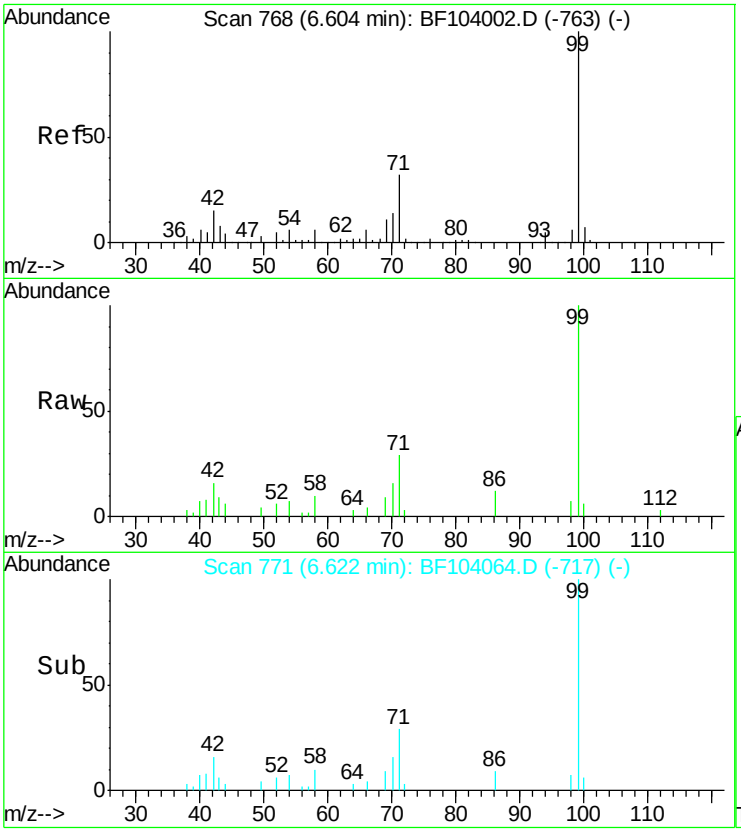


#5
2-Fluorophenol
Concen: 1.346 ng
RT: 5.64 min Scan# 604
Delta R.T. 0.04 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Tgt Ion:112 Resp: 8348

Ion	Ratio	Lower	Upper
112	100		
64	59.0	47.9	71.9
63	32.4	23.7	35.5



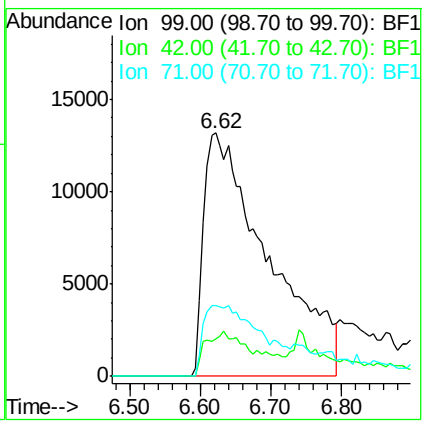


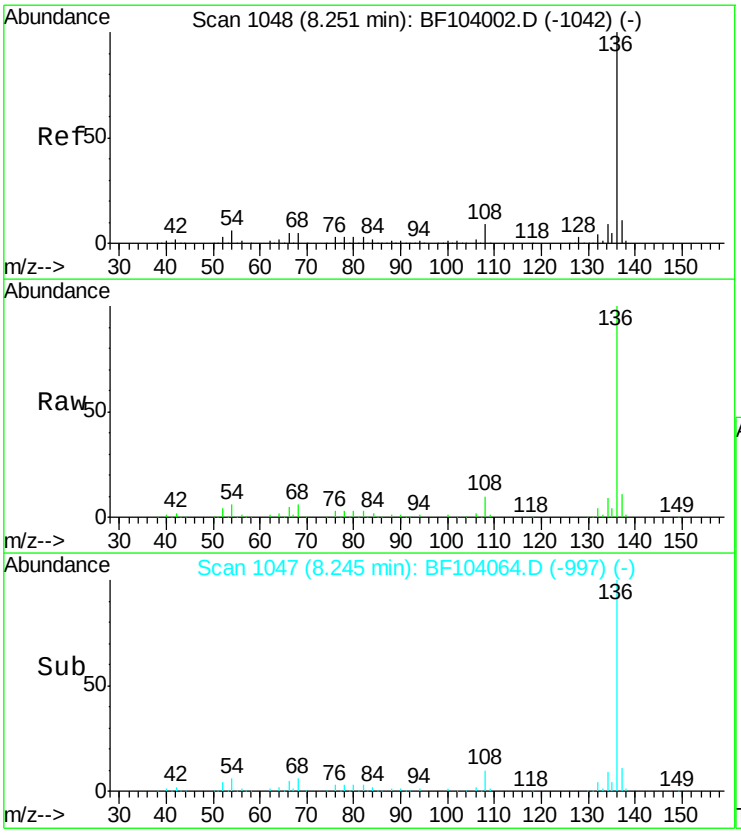
#7
Phenol-d6
Concen: 10.990 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.02 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 83855

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.5	21.7
71	29.0	25.4	38.0

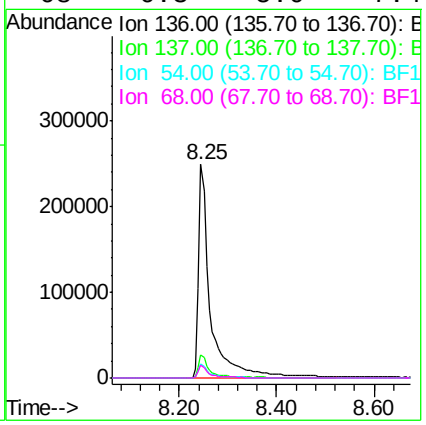


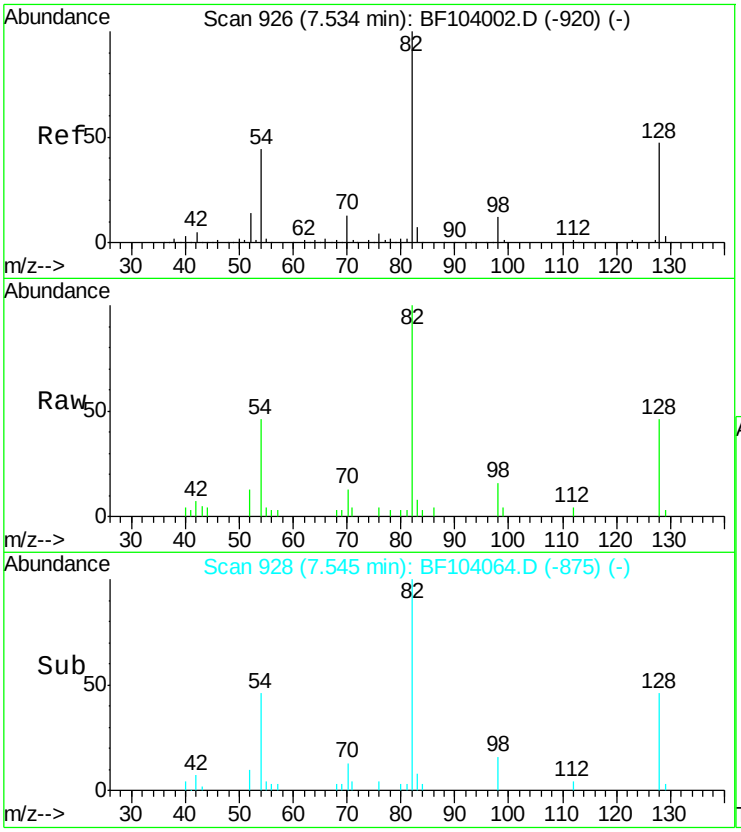


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Tgt Ion:136 Resp: 428028

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.5	6.6	9.8#
68	6.3	5.0	7.4



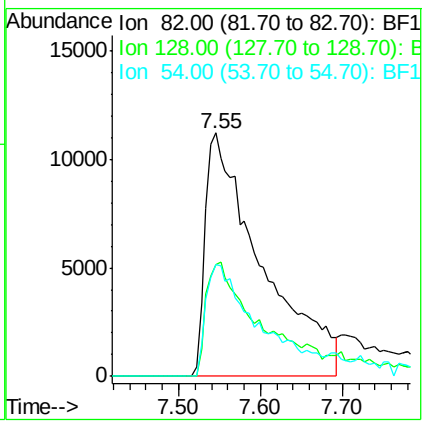


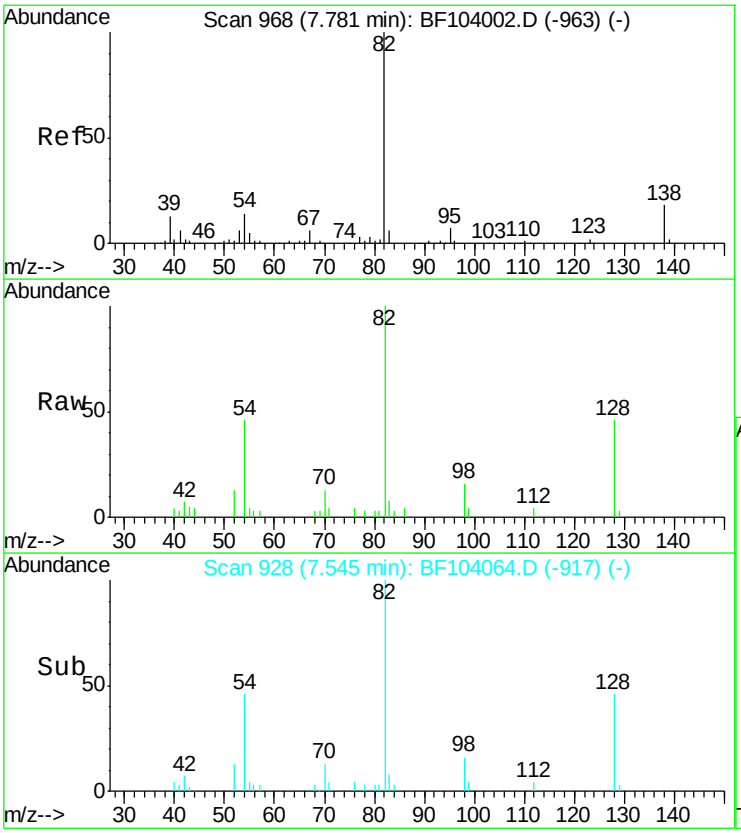
#23
Nitrobenzene-d5
Concen: 7.670 ng
RT: 7.55 min Scan# 928
Delta R.T. 0.01 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 53685

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	46.1	41.4	62.2

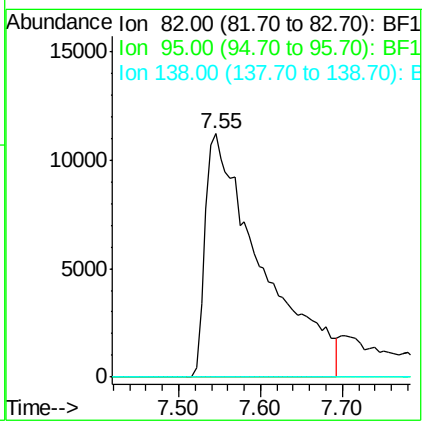


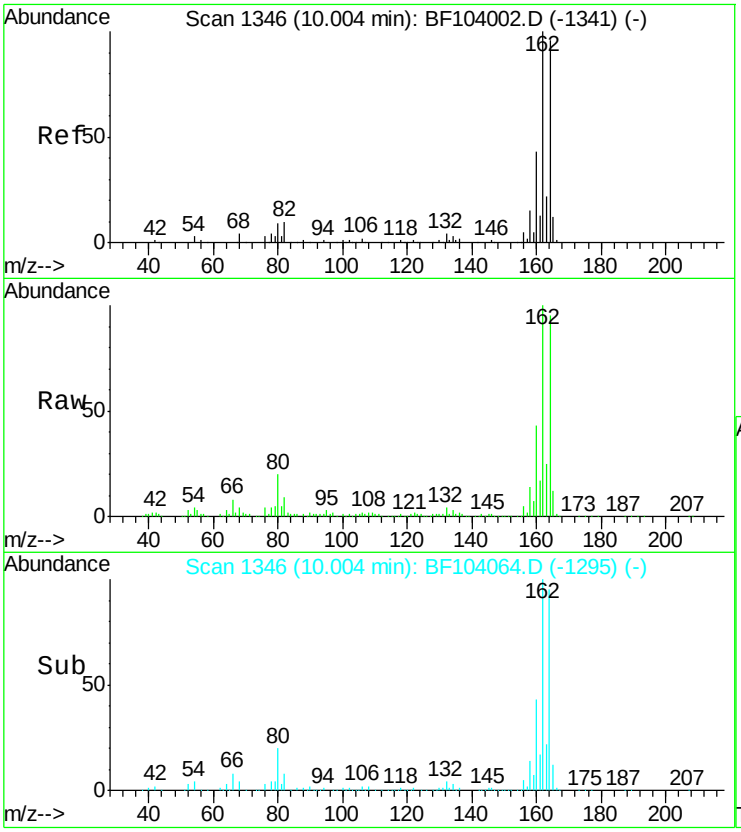


#25
Isophorone
Concen: 4.162 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.24 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Tgt Ion: 82 Resp: 53685

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



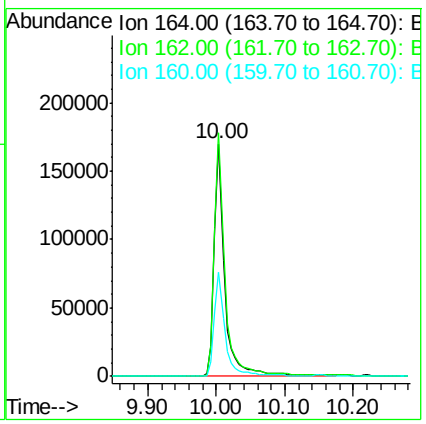


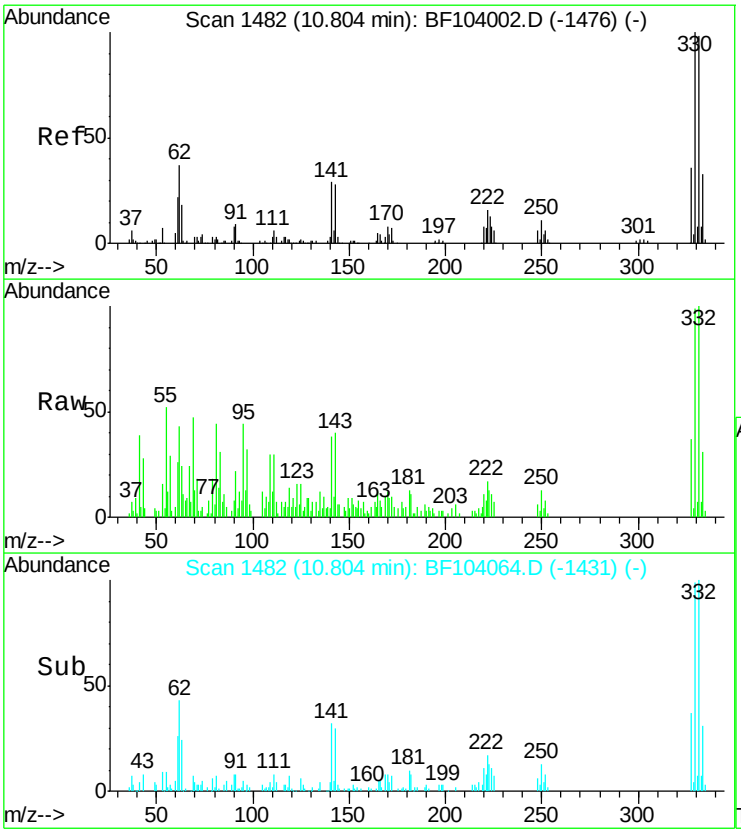
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 182205

Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	44.9	38.3	57.5

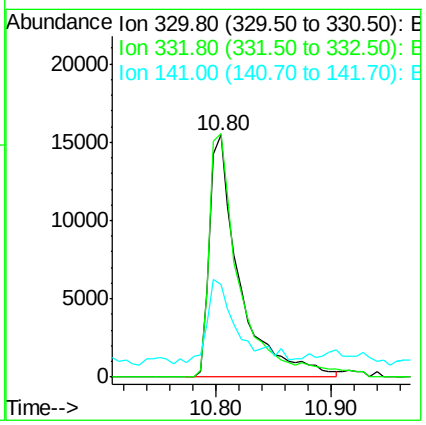


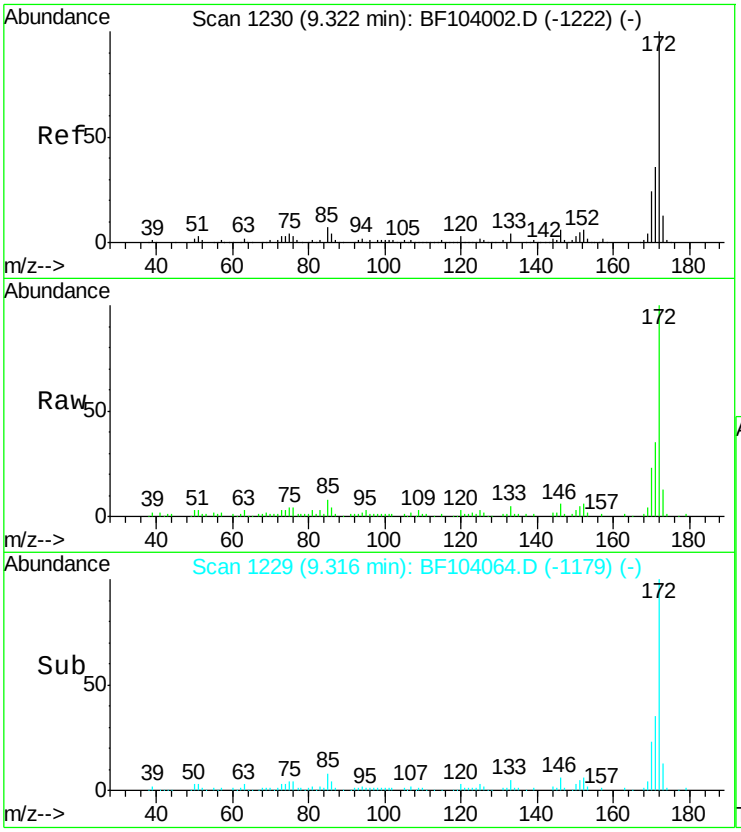


#41
2,4,6-Tribromophenol
Concen: 13.707 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Tgt Ion:330 Resp: 27810

Ion	Ratio	Lower	Upper
330	100		
332	102.6	77.0	115.6
141	36.0	29.9	44.9



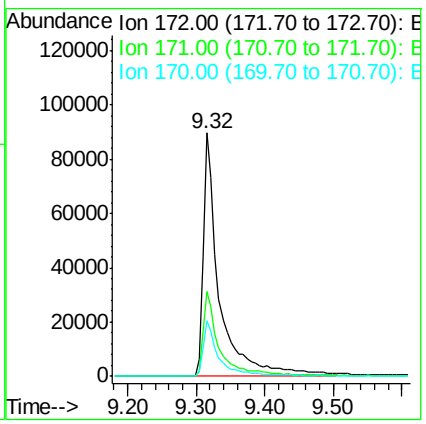


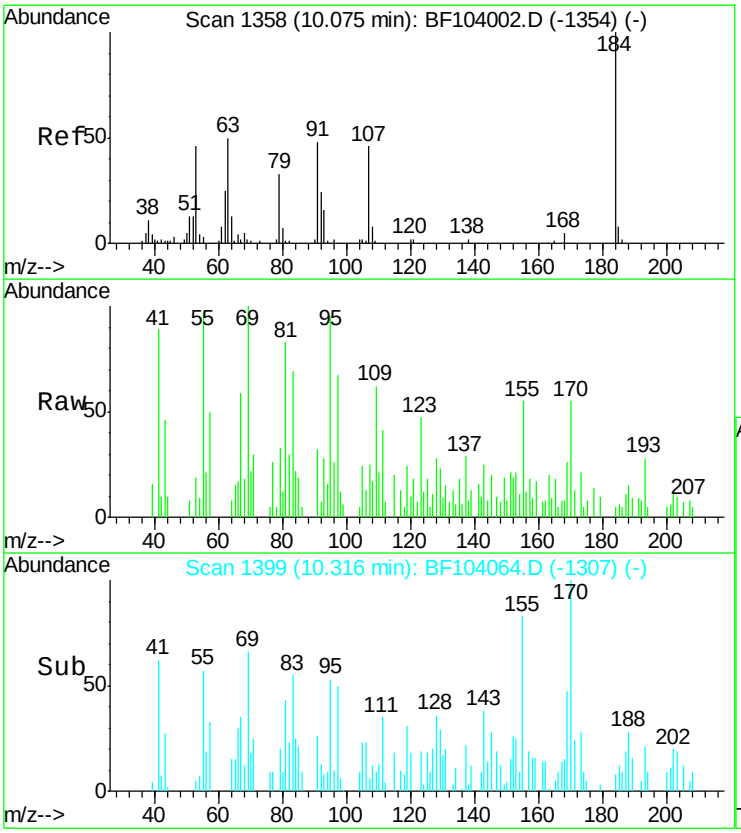
#44
2-Fluorobiphenyl
Concen: 13.001 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 150225

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	22.5	19.6	29.4

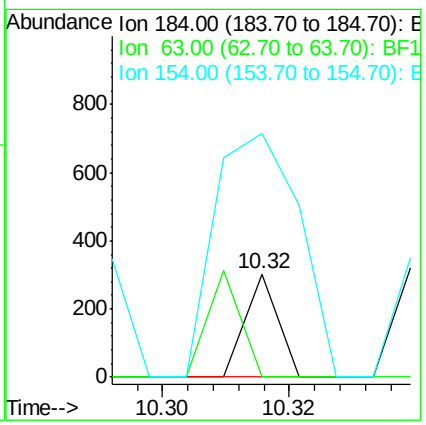


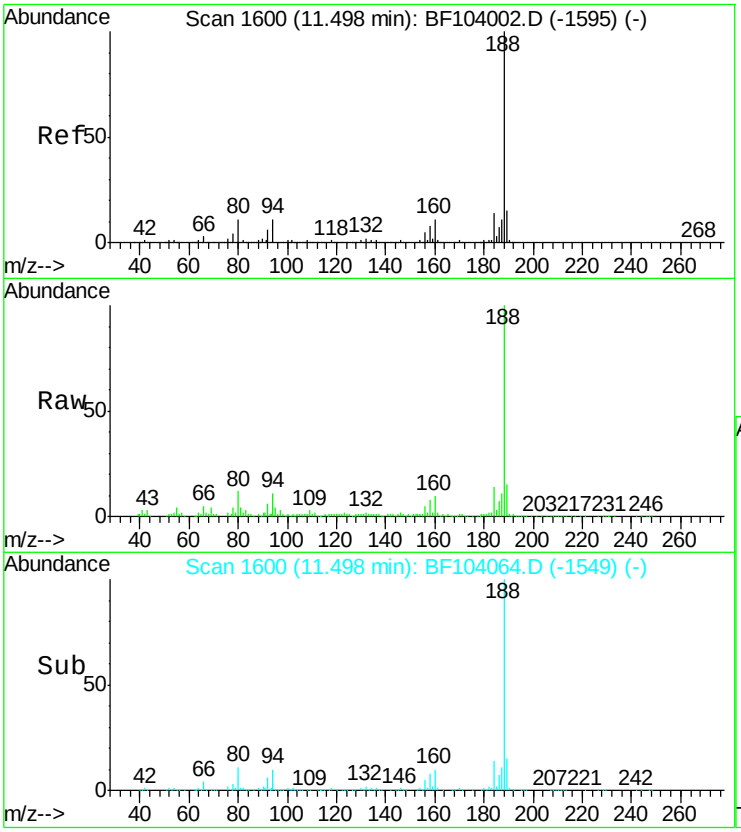


#53
2,4-Dinitrophenol
Concen: 5.646 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.24 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Tgt Ion:184 Resp: 107

Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	235.6	184.0	276.0



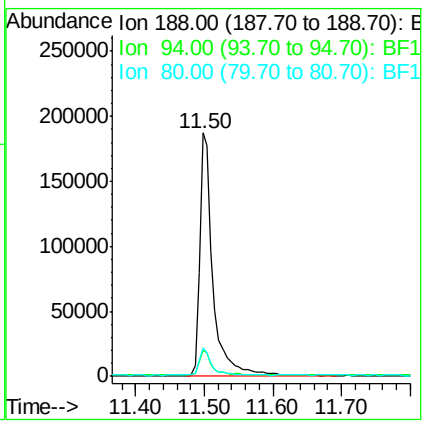


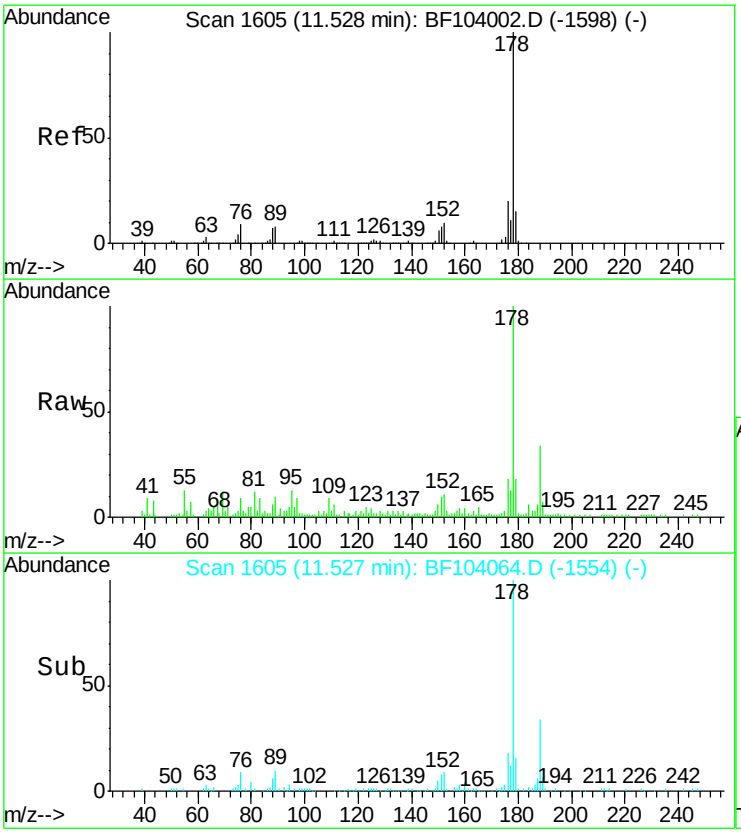
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 260343

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.8	9.2	13.8

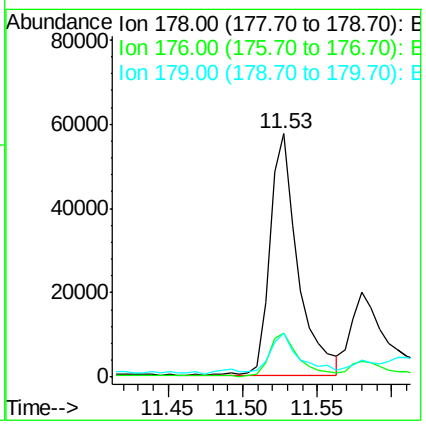


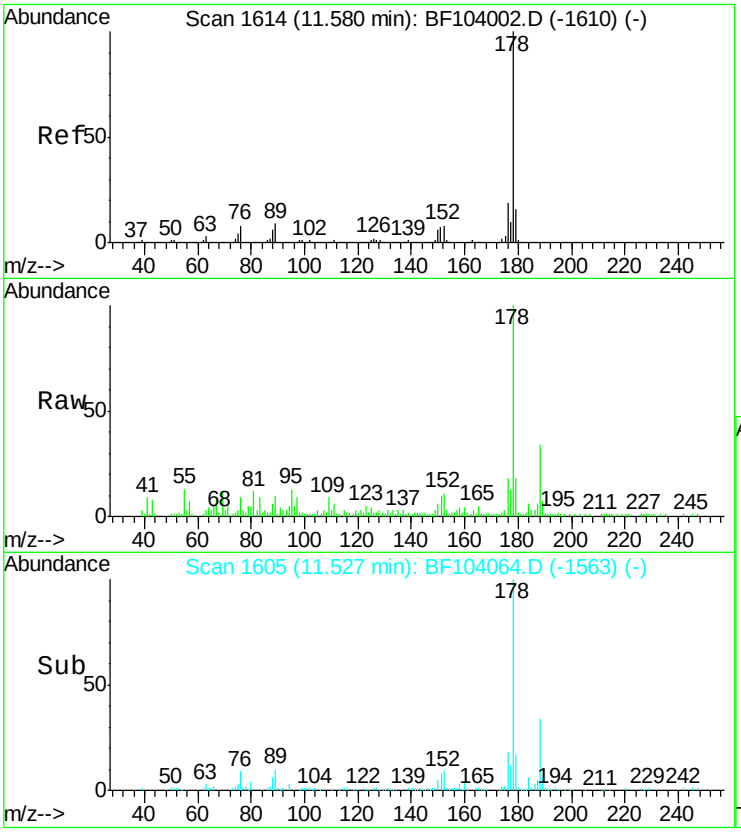


#70
Phenanthrene
Concen: 5.242 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Tgt Ion:178 Resp: 73893

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.8	23.8
179	18.0	13.0	19.6



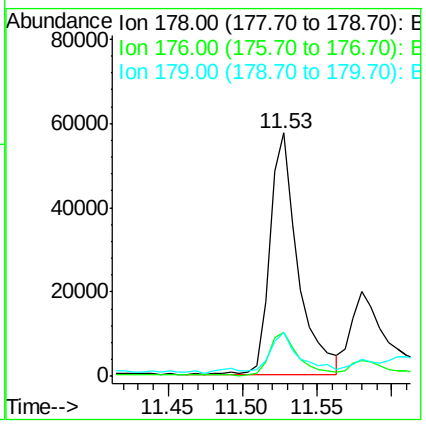


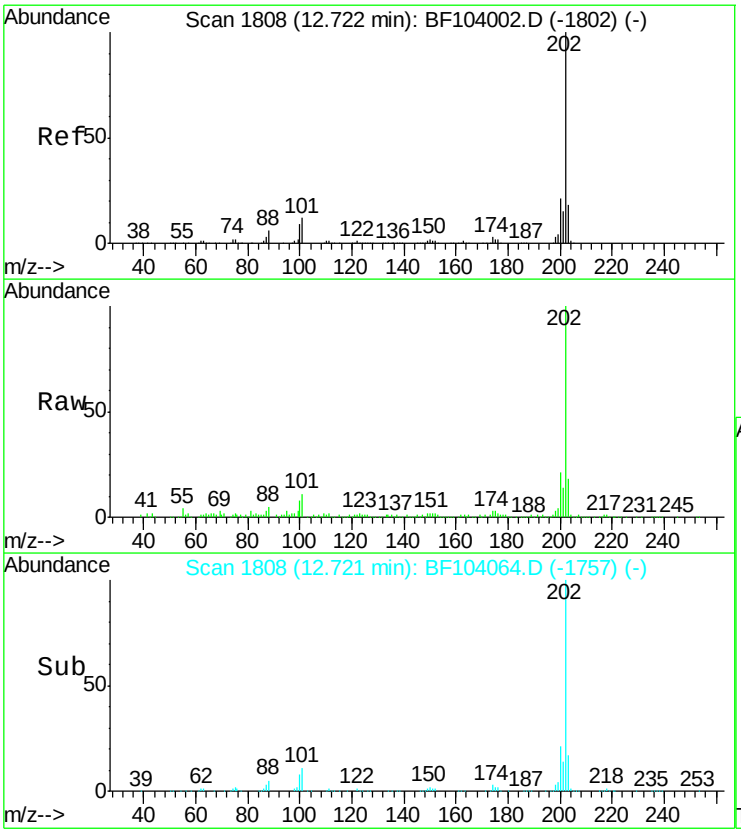
#71
Anthracene
Concen: 5.019 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.05 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 73893

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	18.0	12.6	19.0

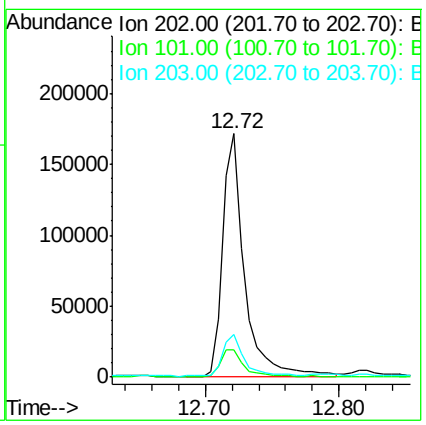


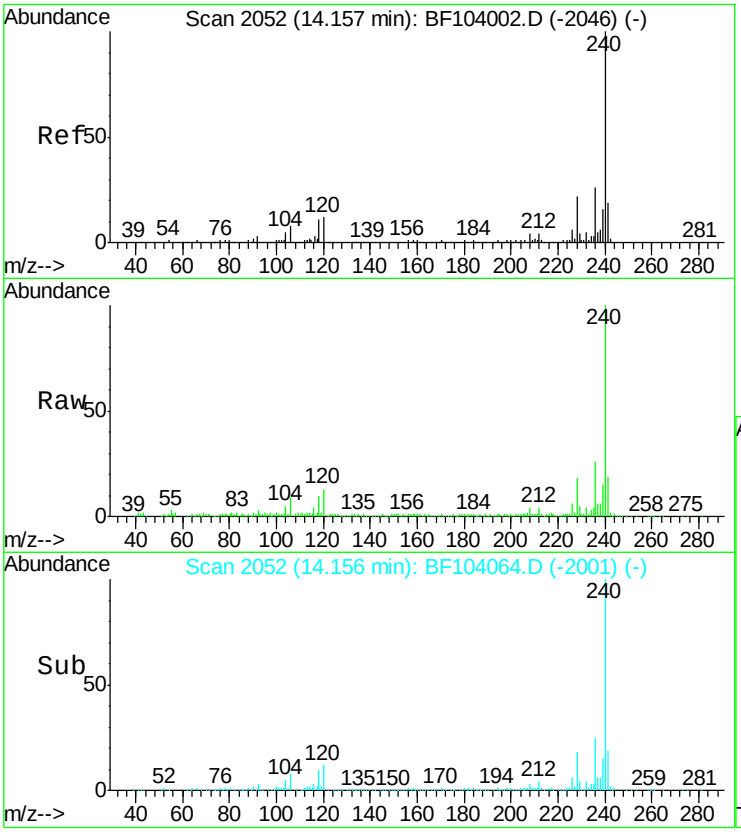


#74
Fluoranthene
Concen: 13.148 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Tgt Ion:202 Resp: 196996

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.1
203	17.6	0.0	38.1



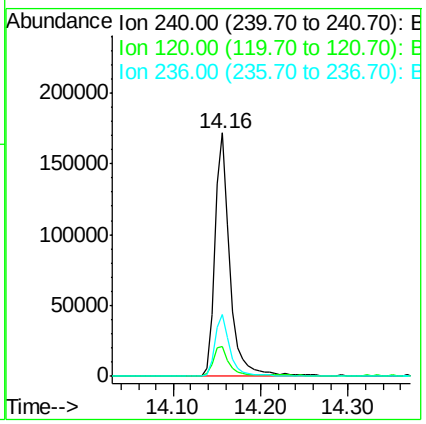


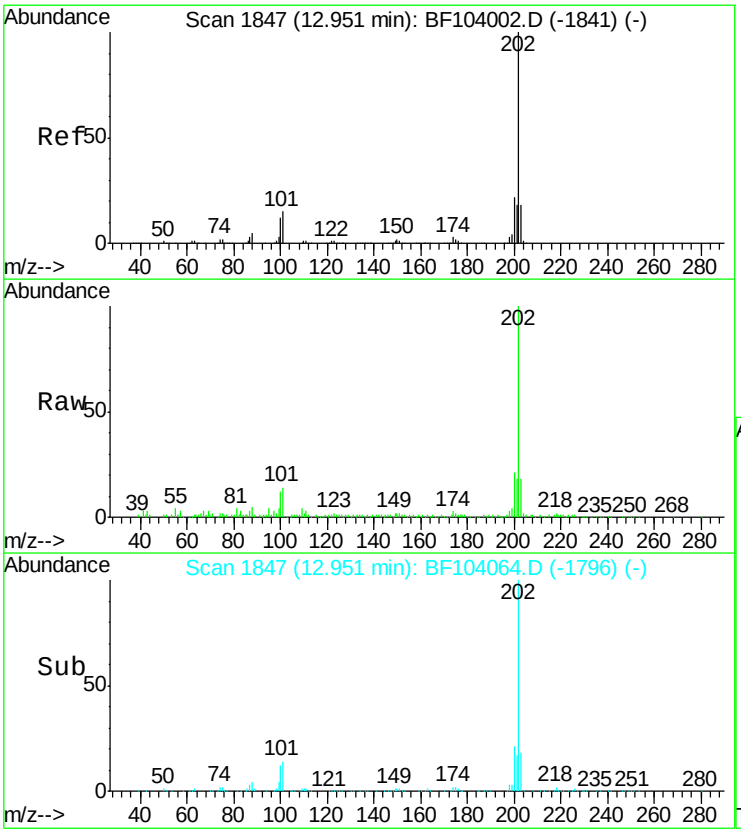
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 204640

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.5	14.3
236	25.5	20.7	31.1

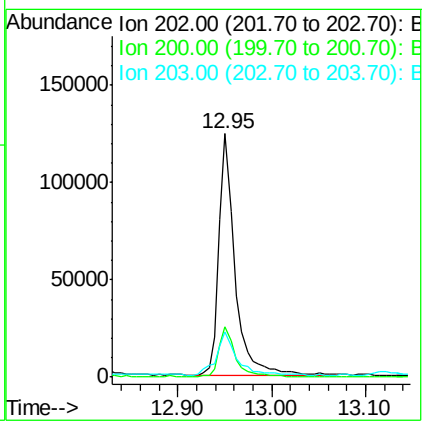


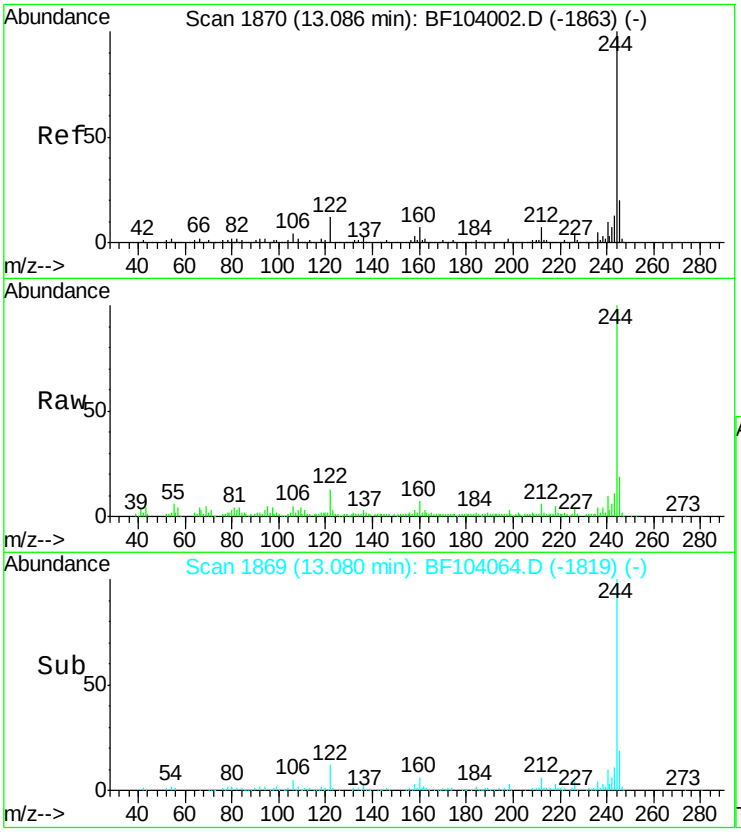


#77
Pyrene
Concen: 10.185 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Tgt Ion:202 Resp: 149822

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.5	14.3	21.5



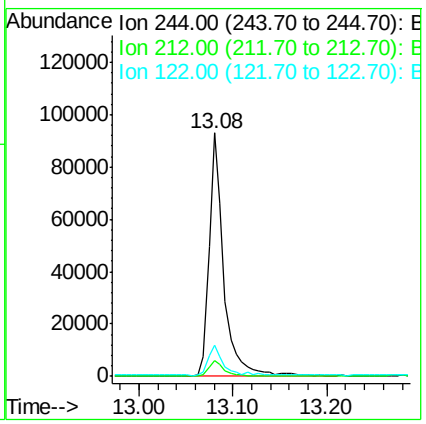


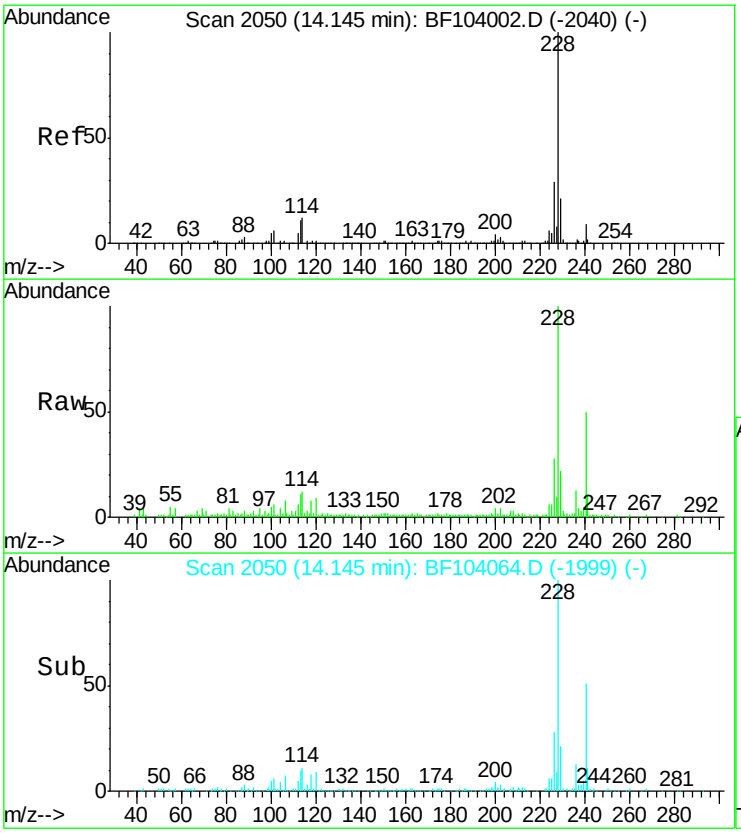
#78
Terphenyl-d14
Concen: 11.642 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 103184

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	12.8	11.0	16.4

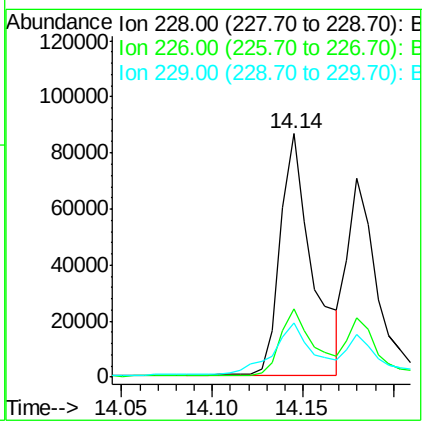


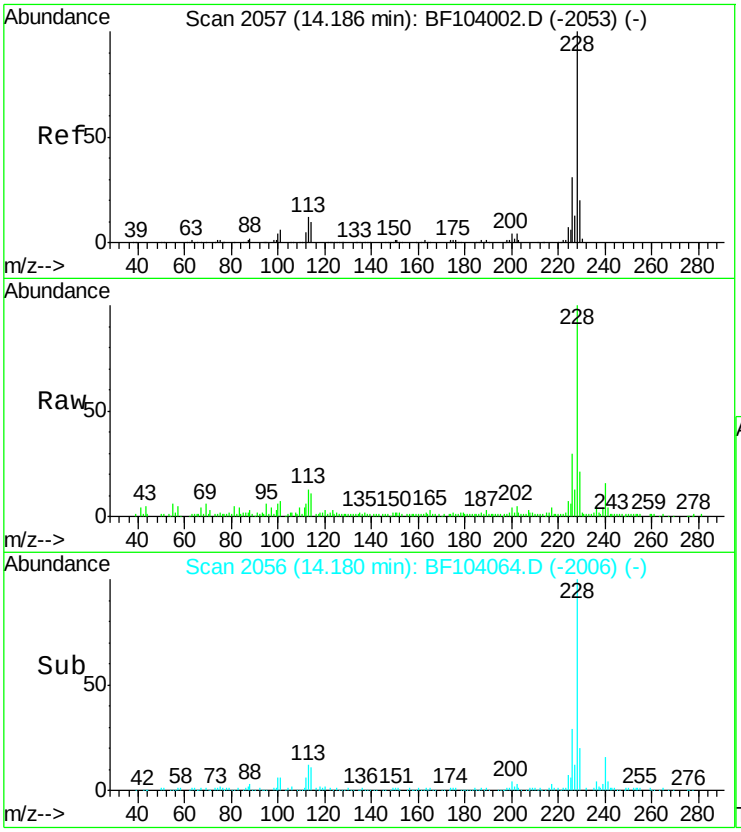


#80
Benzo(a)anthracene
Concen: 8.333 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Tgt Ion:228 Resp: 106698

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	22.2	15.8	23.6



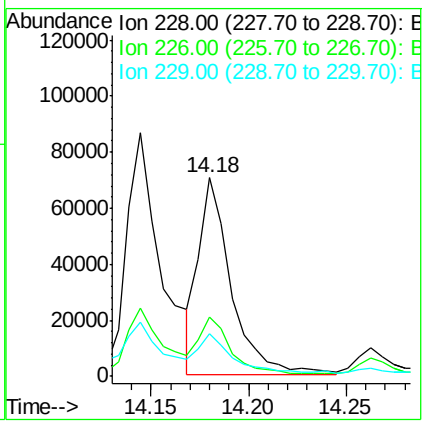


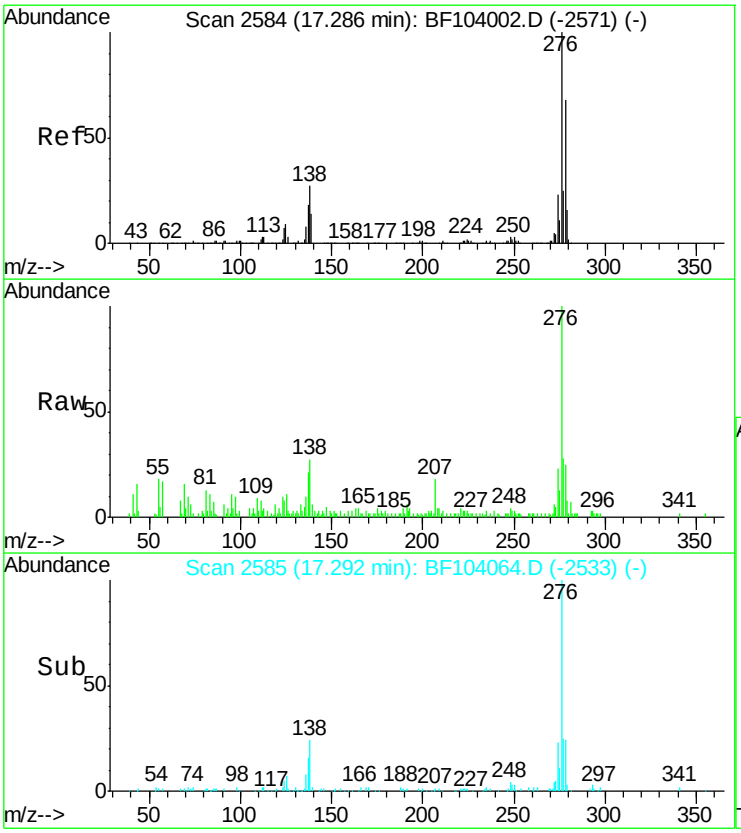
#82
Chrysene
Concen: 6.456 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 80973

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	21.3	16.2	24.4

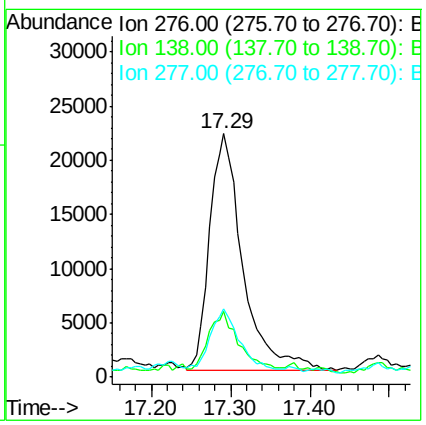


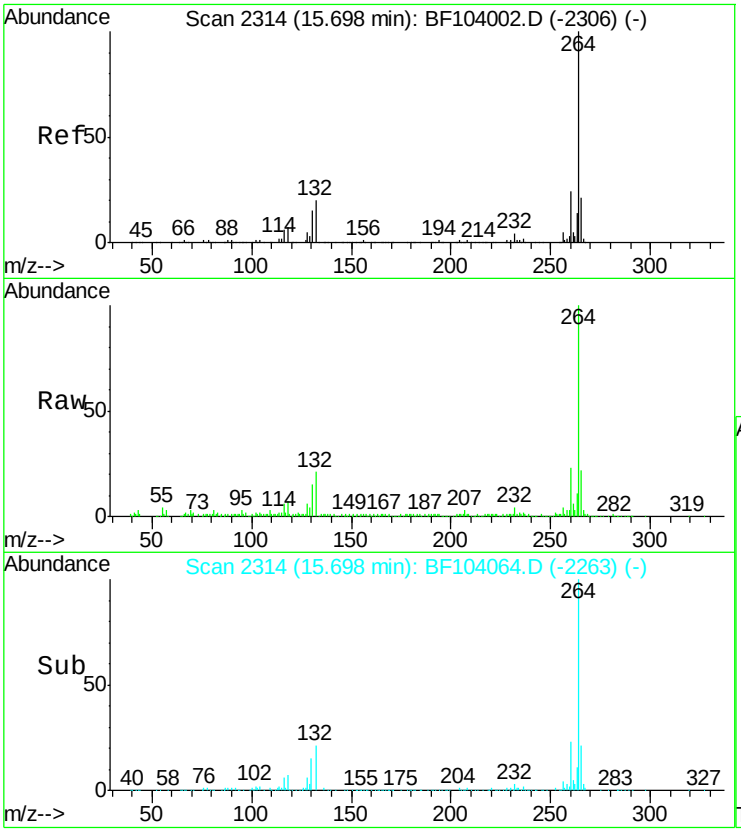


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.876 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Tgt Ion:276 Resp: 63364

Ion	Ratio	Lower	Upper
276	100		
138	21.6	25.0	37.6#
277	21.9	20.1	30.1



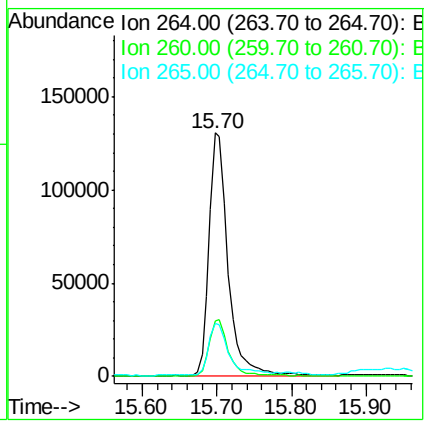


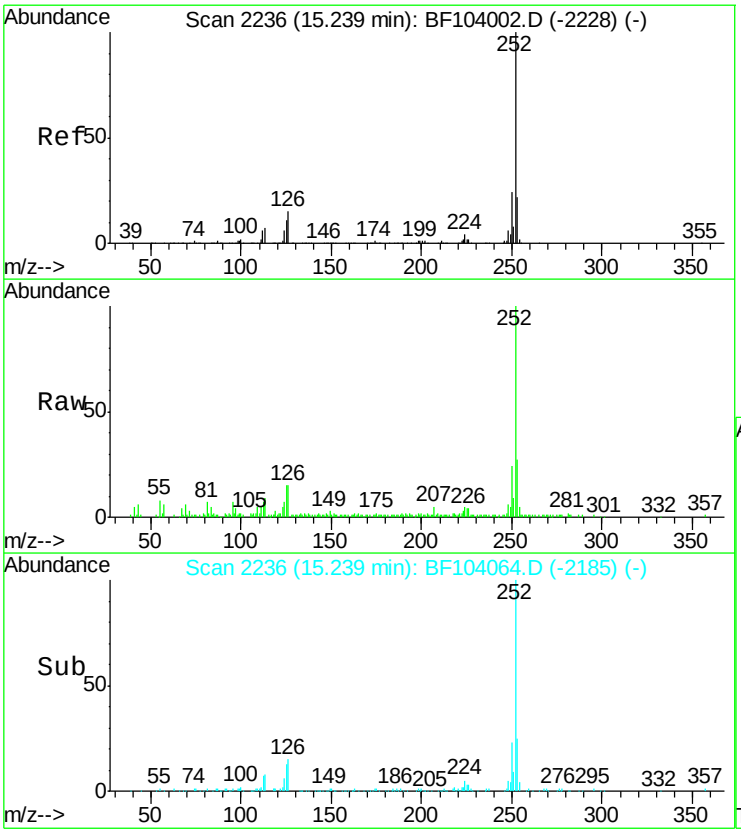
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 229709

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.6	17.5	26.3

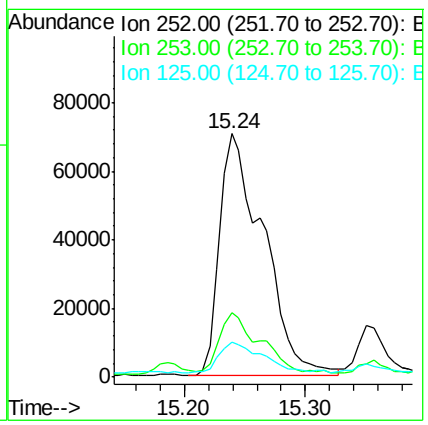


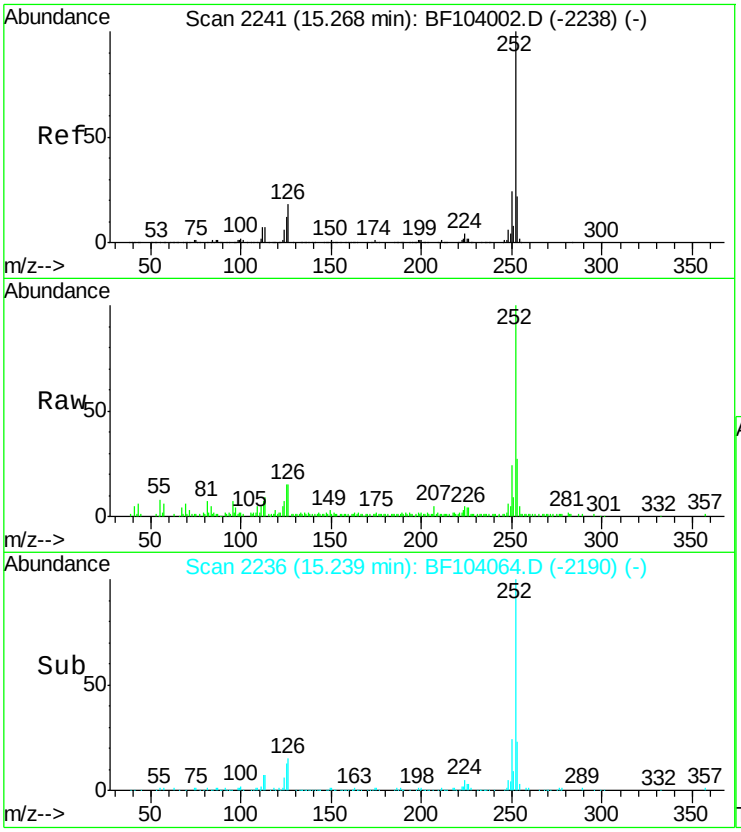


#87
Benzo(b)fluoranthene
Concen: 12.662 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Tgt Ion:252 Resp: 177019

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.0	25.6#
125	14.6	9.0	13.6#



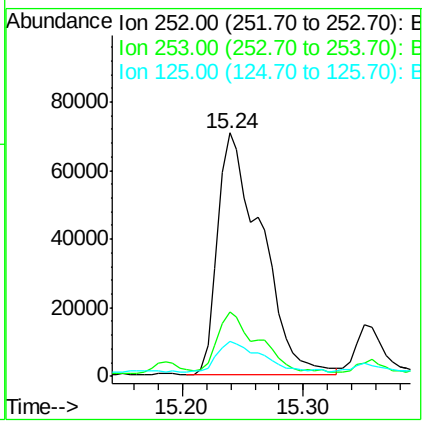


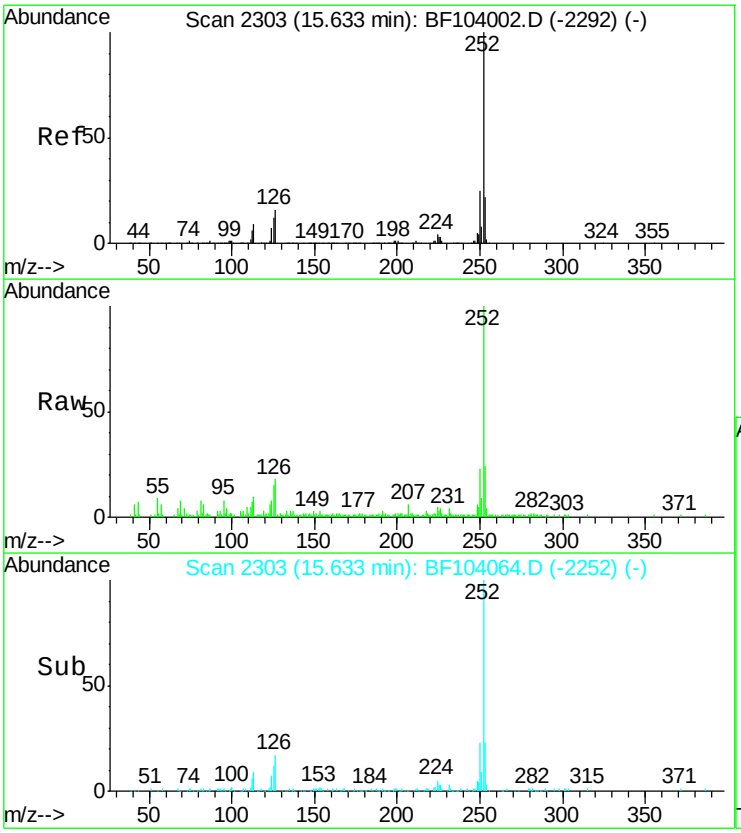
#88
Benzo(k)fluoranthene
Concen: 13.442 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 177019

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.9	26.9
125	14.6	10.2	15.2





#89
Benzo(a)pyrene
Concen: 7.772 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BF104064.D
Acq: 29 Mar 2018 21:07

Tgt Ion:252 Resp: 100681

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	14.8	9.8	14.6#