Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080118\
Data File : BF107888.D
Acq On : 1 Aug 2018 14:53
Operator : JU/SJ
Sample : J4241-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-RO-226

Quant Time: Aug 01 16:11:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	115956	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	499411	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	212232	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	399932	20.00	ng		0.00
75) Chrysene-d12	14.15	240	389823	20.00	ng		0.00
86) Perylene-d12	15.69	264	448754	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	546150	80.05	ng		0.00
7) Phenol-d6	6.60	99	714302	79.44	ng		0.00
23) Nitrobenzene-d5	7.53	82	442659	51.06	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	191799	66.51	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	763304	50.12	ng		0.00
78) Terphenyl-d14	13.08	244	707826	39.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.82	88	645	5.971	ng	#	34
9) Benzaldehyde	6.74	77	12324	2.272	ng		84
19) n-Nitroso-di-n-propylamine	7.53	70	50853	8.915	ng	#	84
25) Isophorone	7.53	82	442659	31.108	ng	#	64
49) Dimethylphthalate	9.71	163	141848	8.900	ng		98
55) 4-Nitrophenol	10.22	139	2865	10.545	ng	#	9
66) 4-Bromophenyl-phenylether	10.80	248	10773	2.311	ng	#	1
70) Phenanthrene	11.52	178	350312	18.447	ng		97
71) Anthracene	11.58	178	132205	6.036	ng		97
74) Fluoranthene	12.72	202	462625	20.737	ng		96
77) Pyrene	12.95	202	521313	18.572	ng		97
80) Benzo(a)anthracene	14.14	228	242842	10.997	ng		97
82) Chrysene	14.18	228	198209	8.322	ng		99
87) Benzo(b)fluoranthene	15.23	252	308079	13.920	ng		96
88) Benzo(k)fluoranthene	15.23	252	308079	11.338	ng		98
89) Benzo(a)pyrene	15.62	252	197195	8.631	ng		97
91) Benzo(g,h,i)perylene	17.75	276	92968	4.821	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080118\
Data File : BF107888.D
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FS-RO-226

Quant Time: Aug 01 16:11:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
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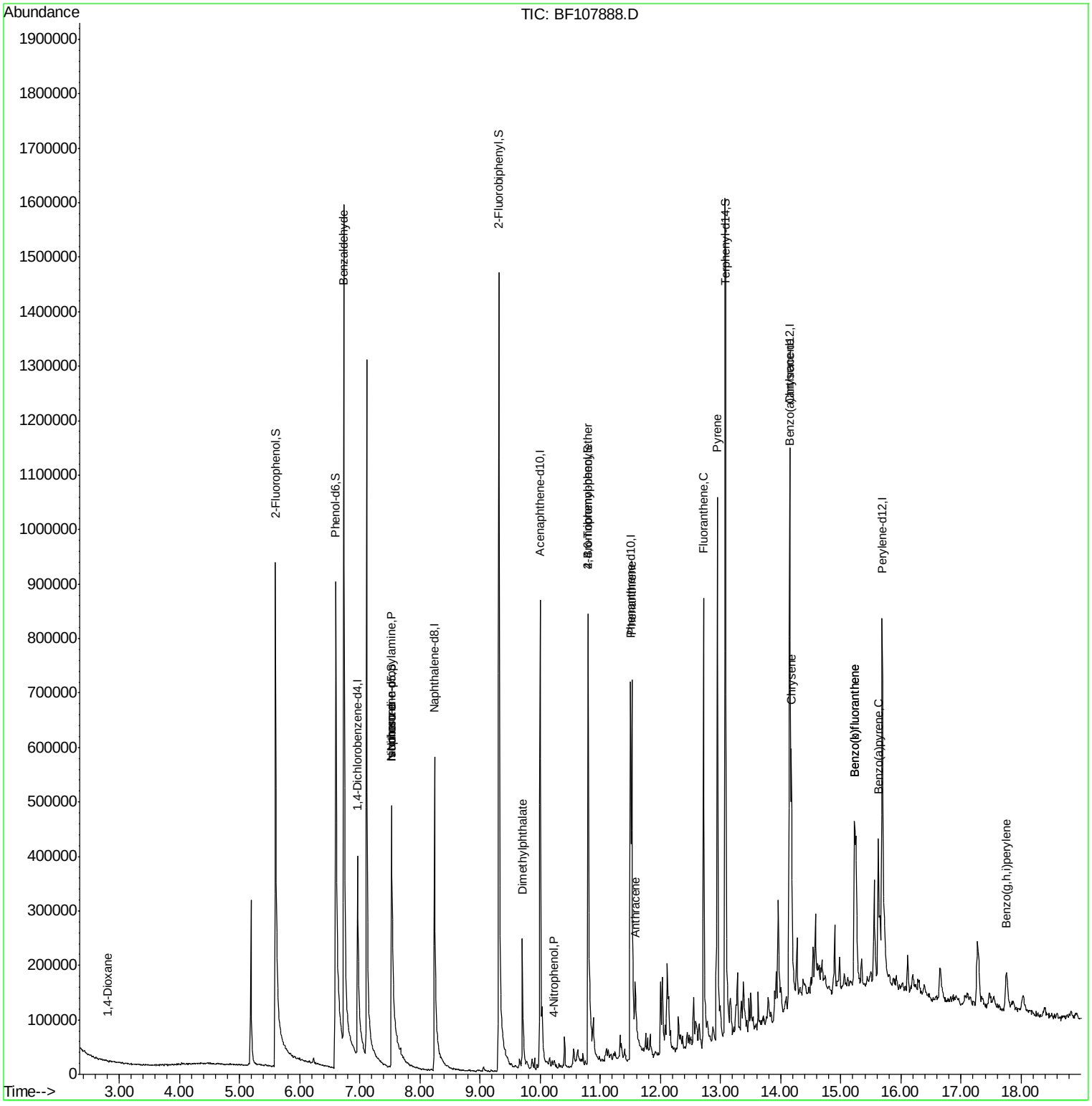
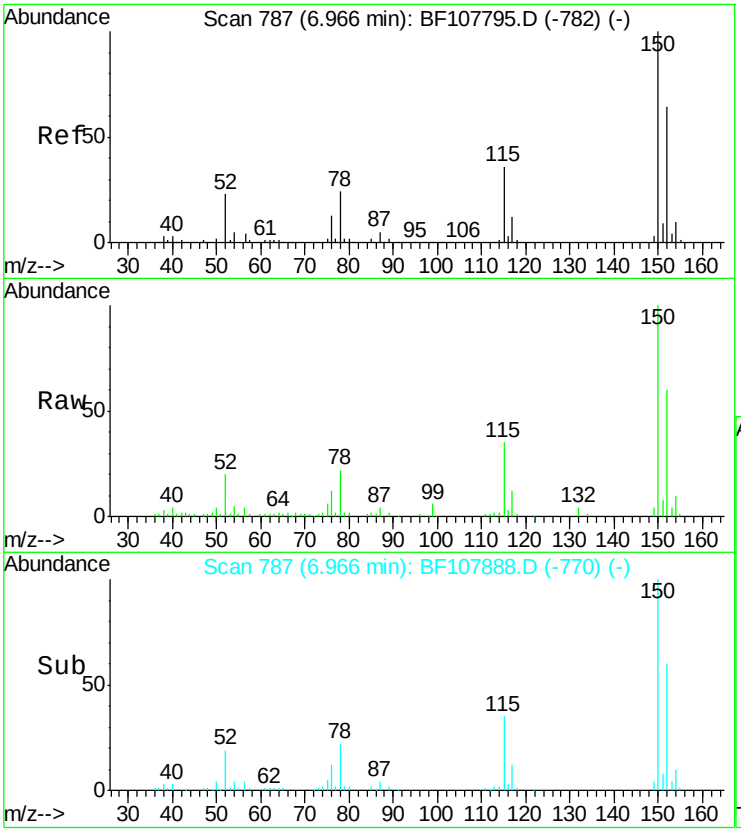


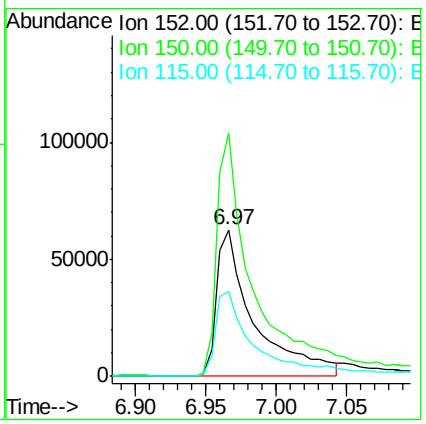


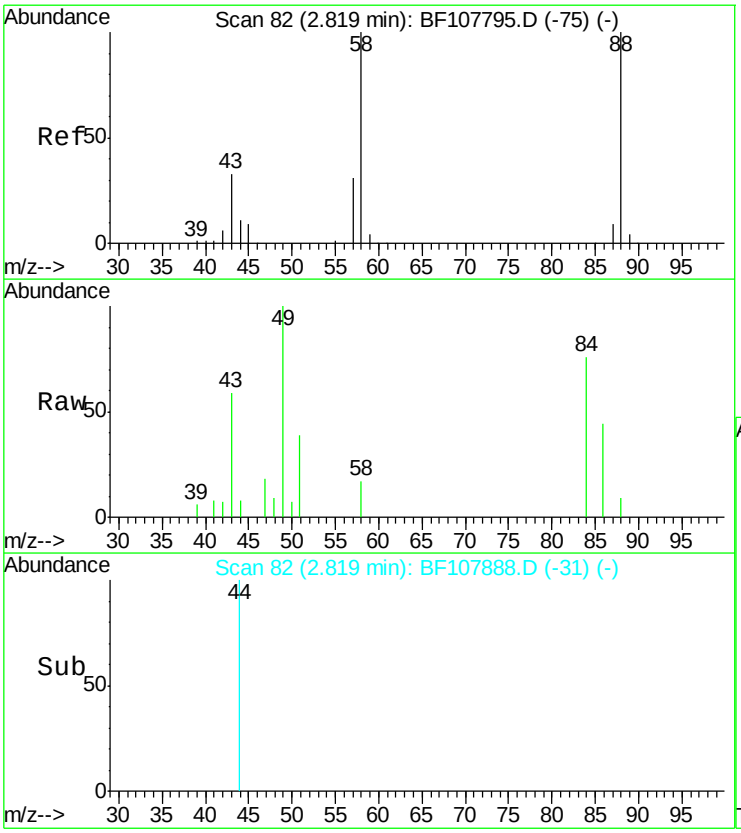
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tgt Ion:152 Resp: 115956

Ion	Ratio	Lower	Upper
152	100		
150	166.3	124.6	186.8
115	57.6	50.1	75.1

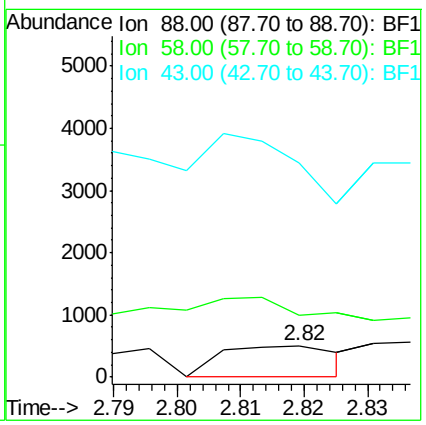


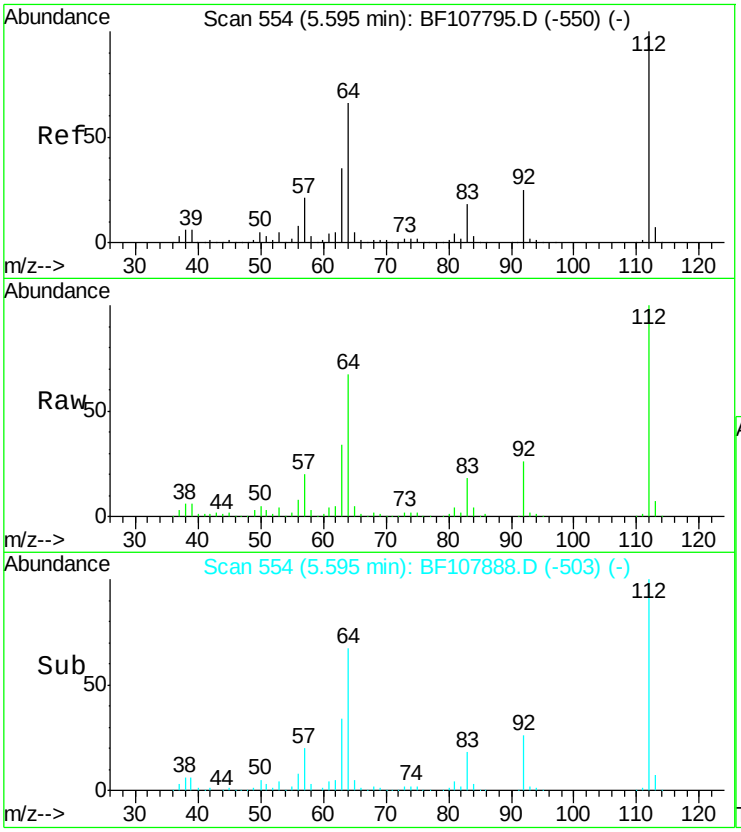


#2
1,4-Dioxane
Concen: 5.971 ng
RT: 2.82 min Scan# 82
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion: 88 Resp: 645

Ion	Ratio	Lower	Upper
88	100		
58	74.1	62.6	93.8
43	151.8	24.6	37.0#



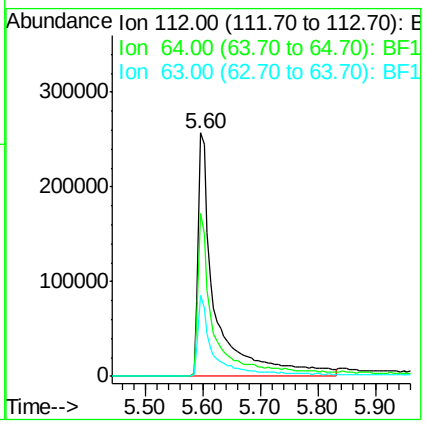


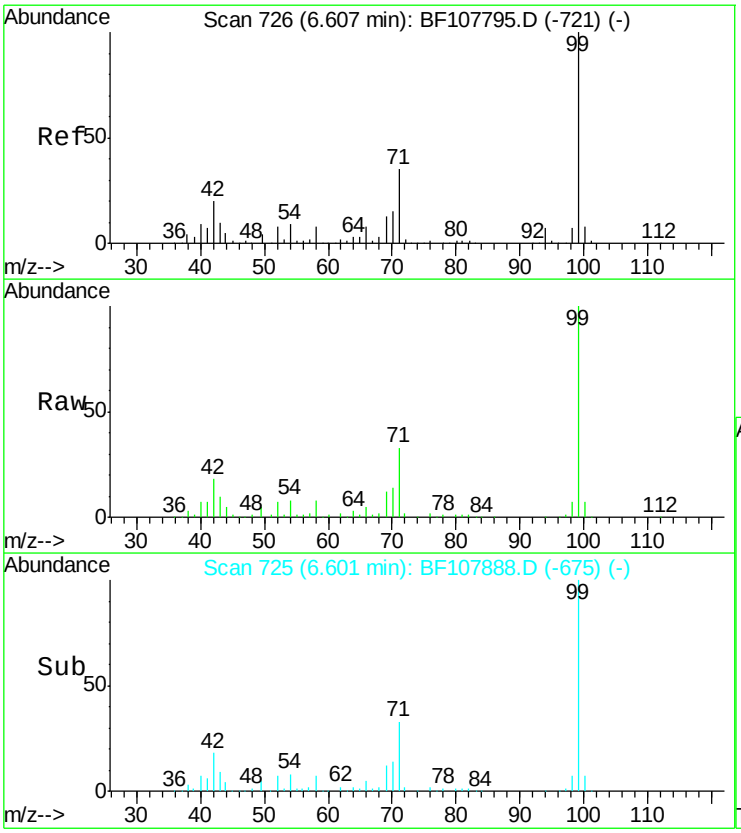
#5
2-Fluorophenol
Concen: 80.048 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tgt Ion:112 Resp: 546150

Ion	Ratio	Lower	Upper
112	100		
64	66.8	47.9	71.9
63	33.5	23.7	35.5

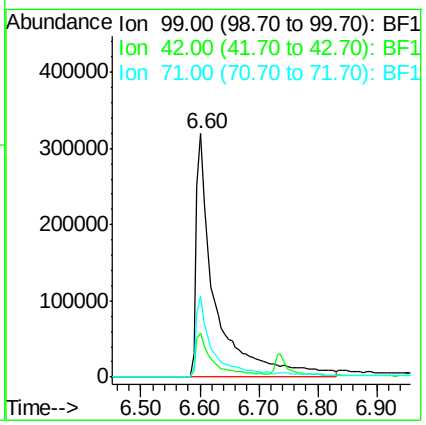


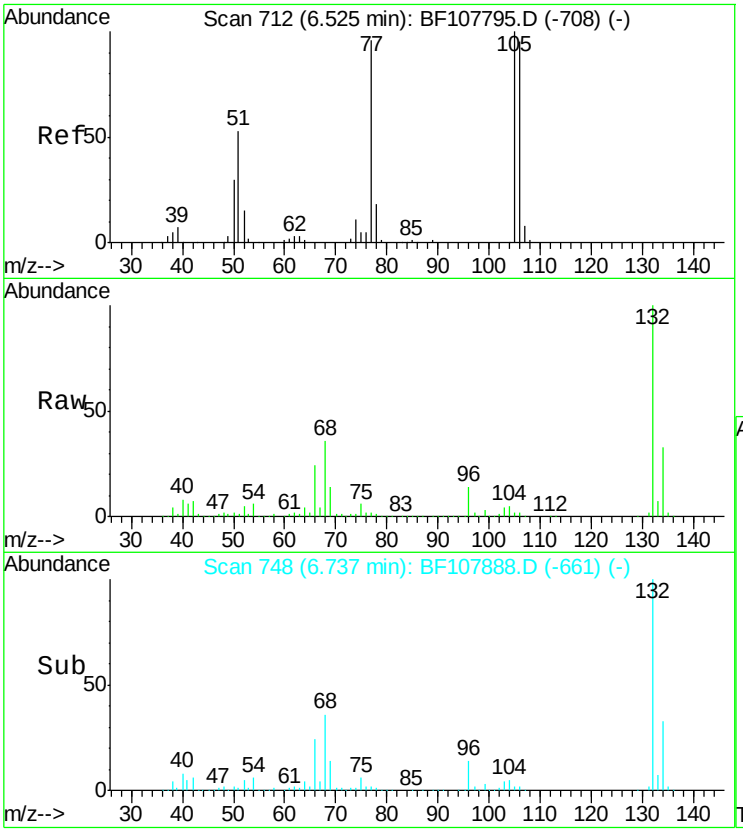


#7
Phenol-d6
Concen: 79.437 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion: 99 Resp: 714302

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	33.2	25.4	38.0



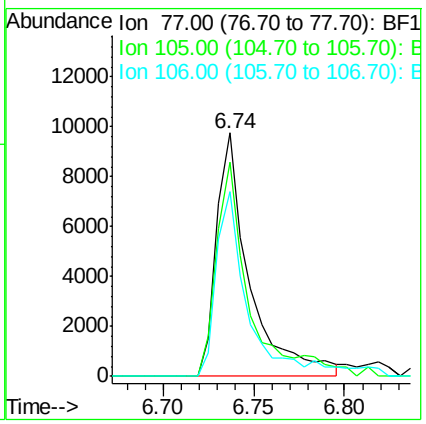


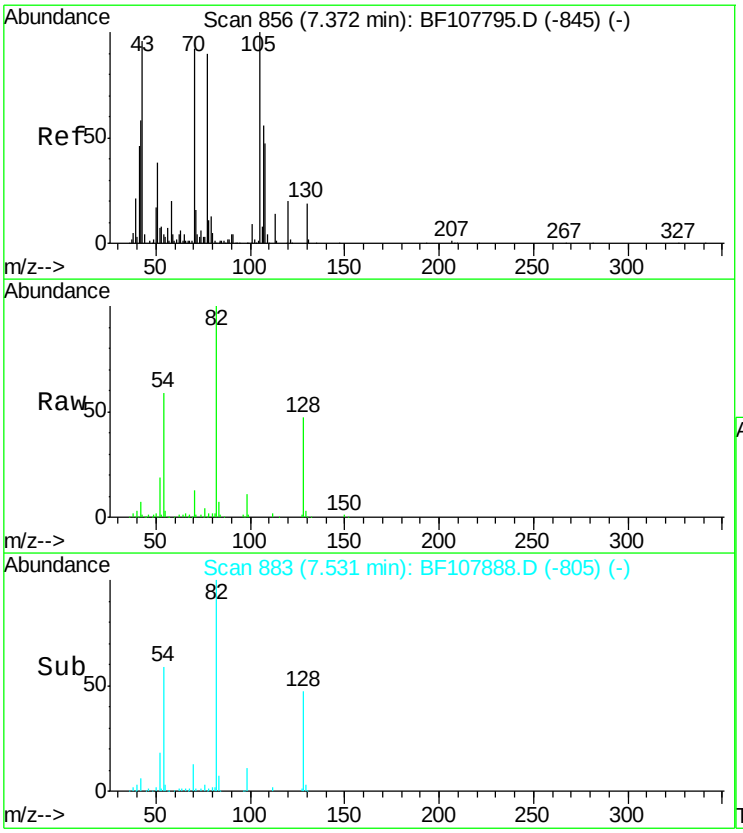
#9
Benzaldehyde
Concen: 2.272 ng
RT: 6.74 min Scan# 748
Delta R.T. 0.21 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tgt Ion: 77 Resp: 12324

Ion	Ratio	Lower	Upper
77	100		
105	88.1	81.1	121.1
106	75.9	74.5	114.5

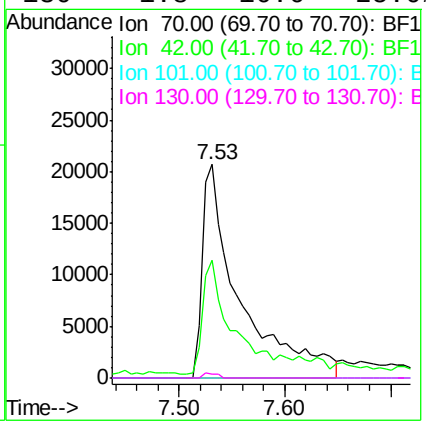


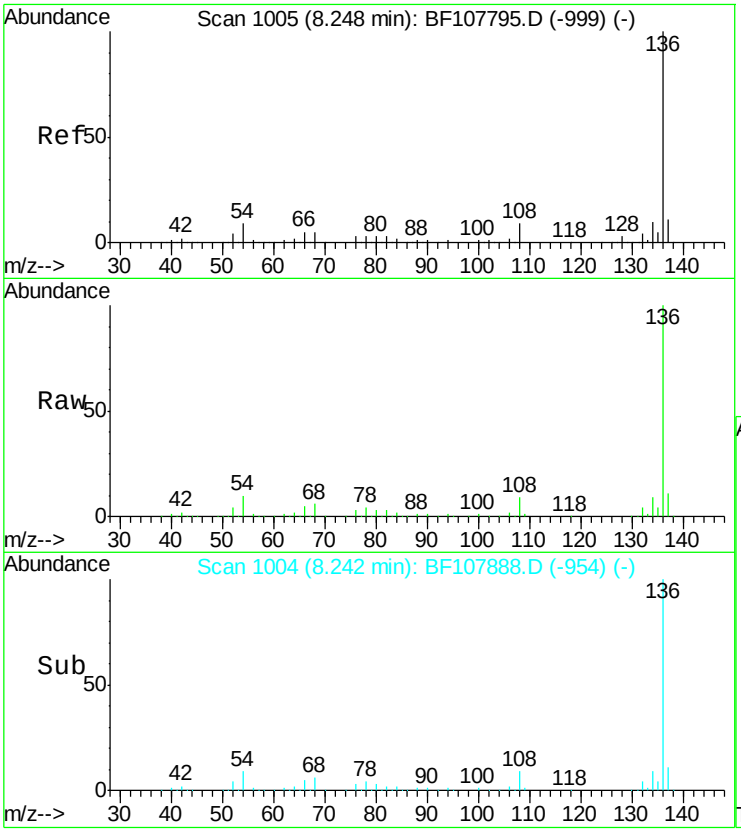


#19
n-Nitroso-di-n-propylamine
Concen: 8.915 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion: 70 Resp: 50853

Ion	Ratio	Lower	Upper
70	100		
42	54.9	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



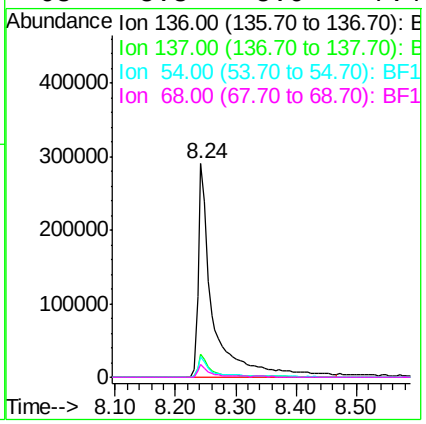


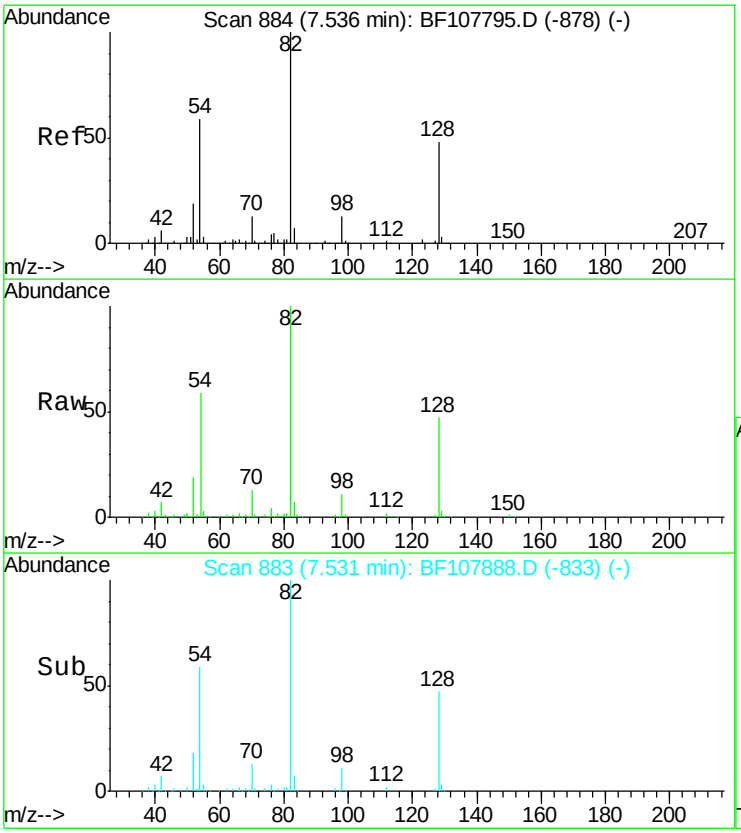
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tgt Ion:136 Resp: 499411

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.6	6.6	9.8
68	5.8	5.0	7.4

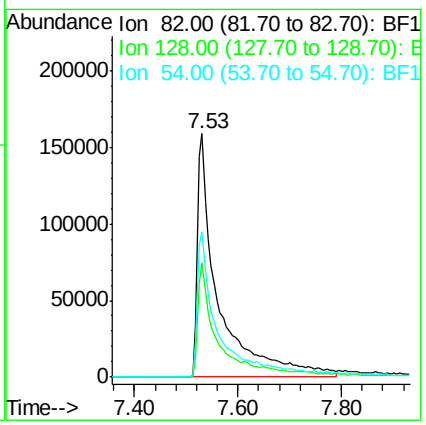


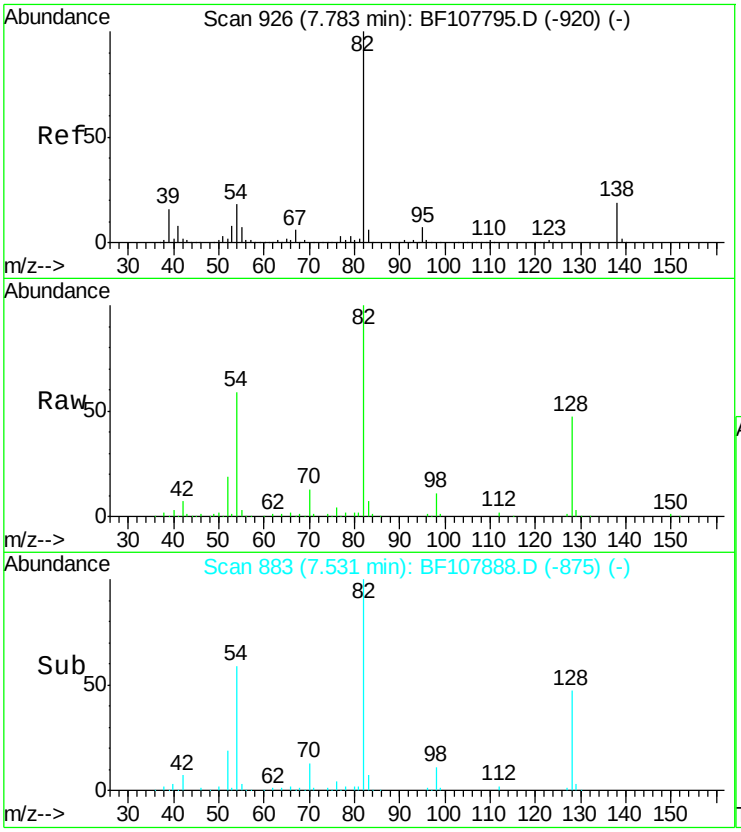


#23
Nitrobenzene-d5
Concen: 51.064 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion: 82 Resp: 442659

Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.1	54.1
54	59.3	41.4	62.2



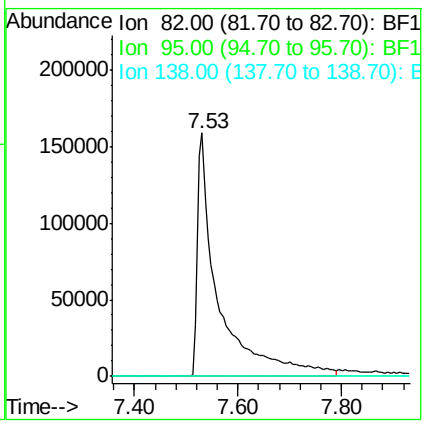


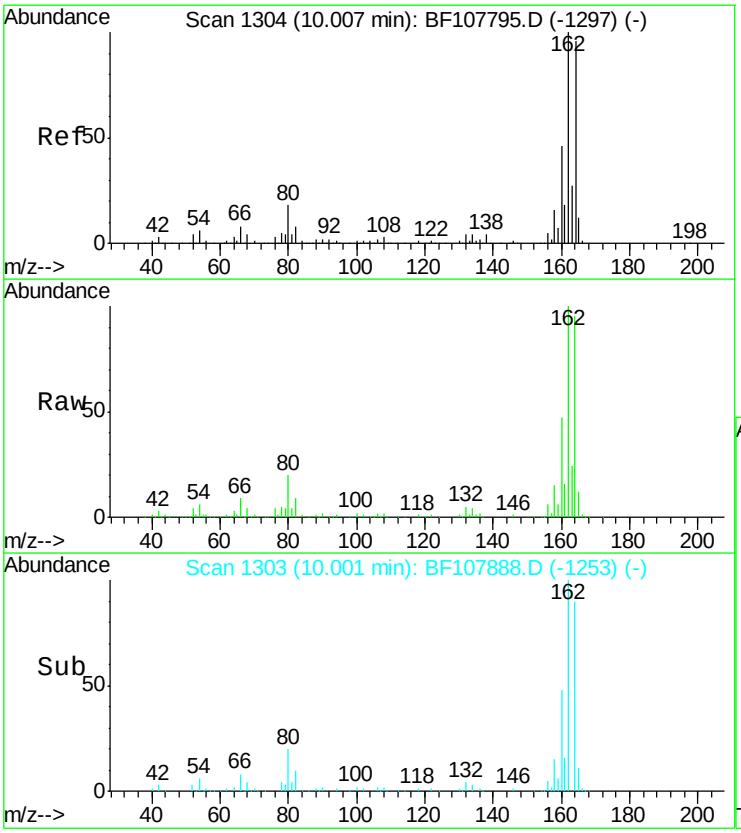
#25
Isophorone
Concen: 31.108 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tgt Ion: 82 Resp: 442659

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

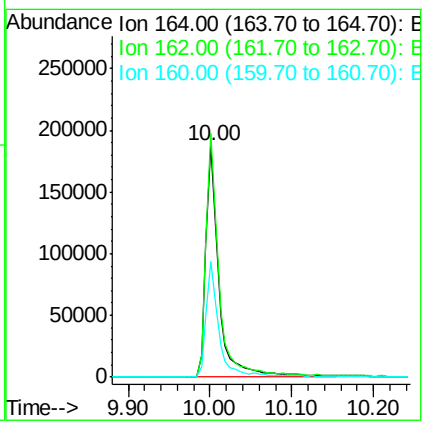


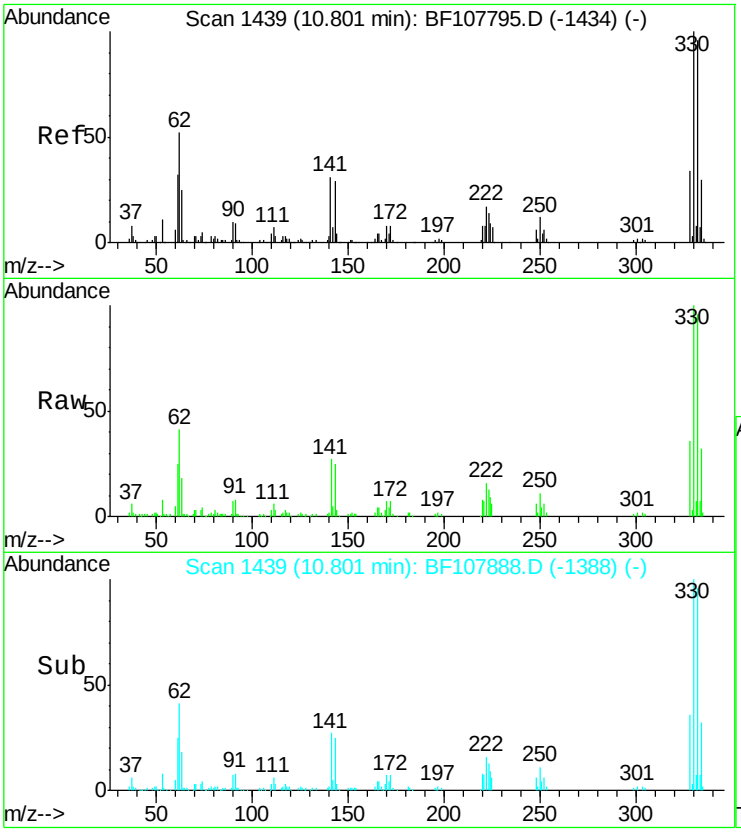


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion:164 Resp: 212232

Ion	Ratio	Lower	Upper
164	100		
162	105.4	86.1	129.1
160	49.9	38.3	57.5



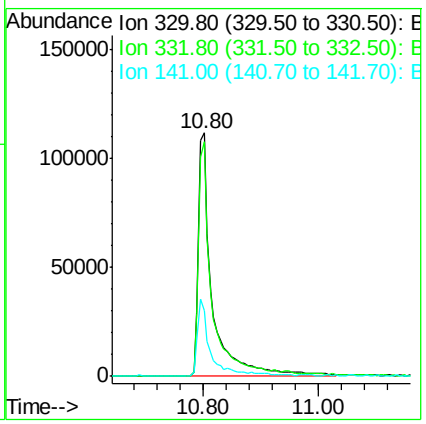


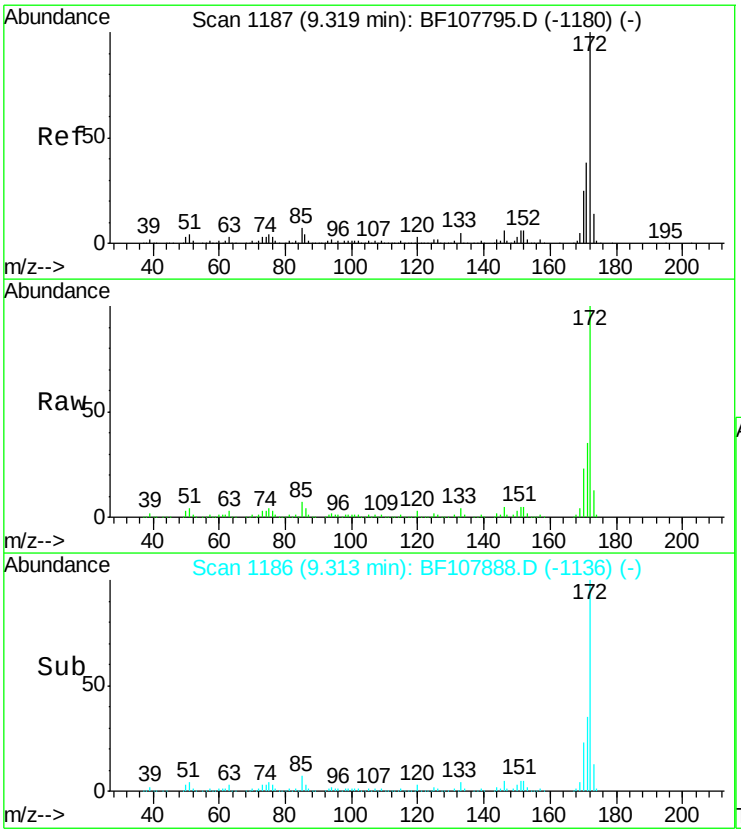
#41
2,4,6-Tribromophenol
Concen: 66.509 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tgt Ion:330 Resp: 191799

Ion	Ratio	Lower	Upper
330	100		
332	91.9	77.0	115.6
141	27.1	29.9	44.9#

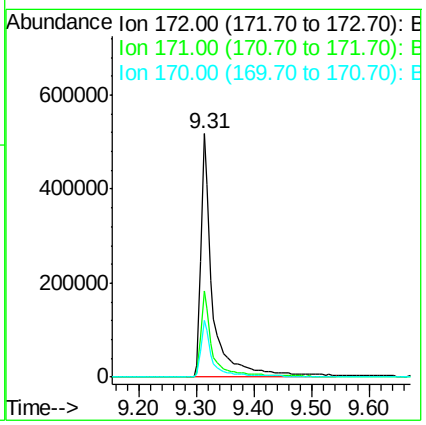


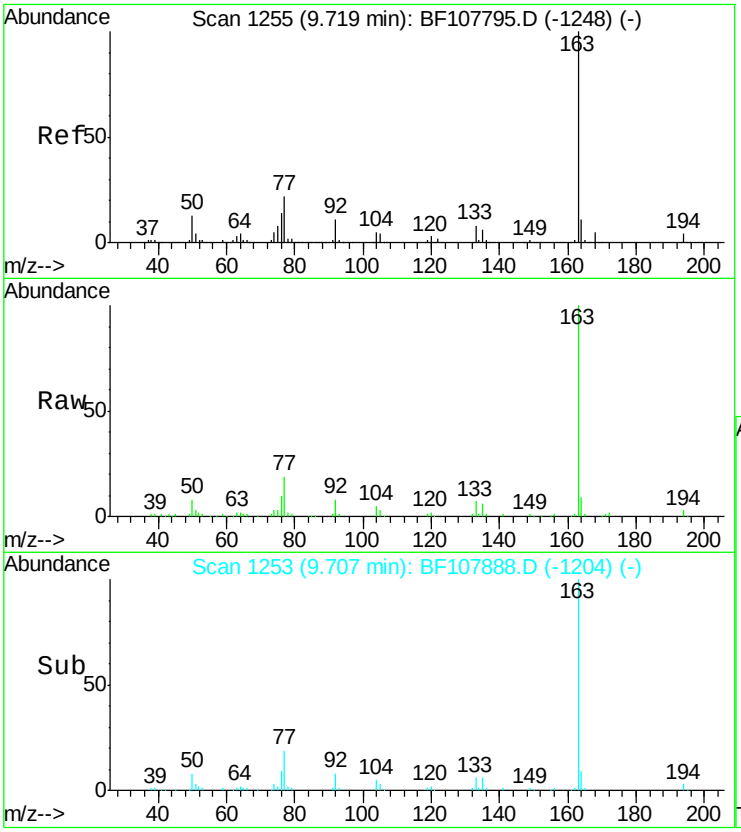


#44
2-Fluorobiphenyl
Concen: 50.118 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion:172 Resp: 763304

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.4	19.6	29.4



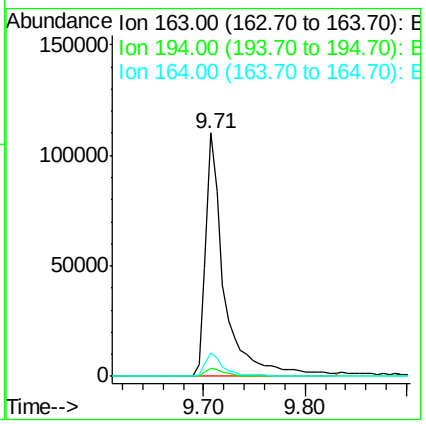


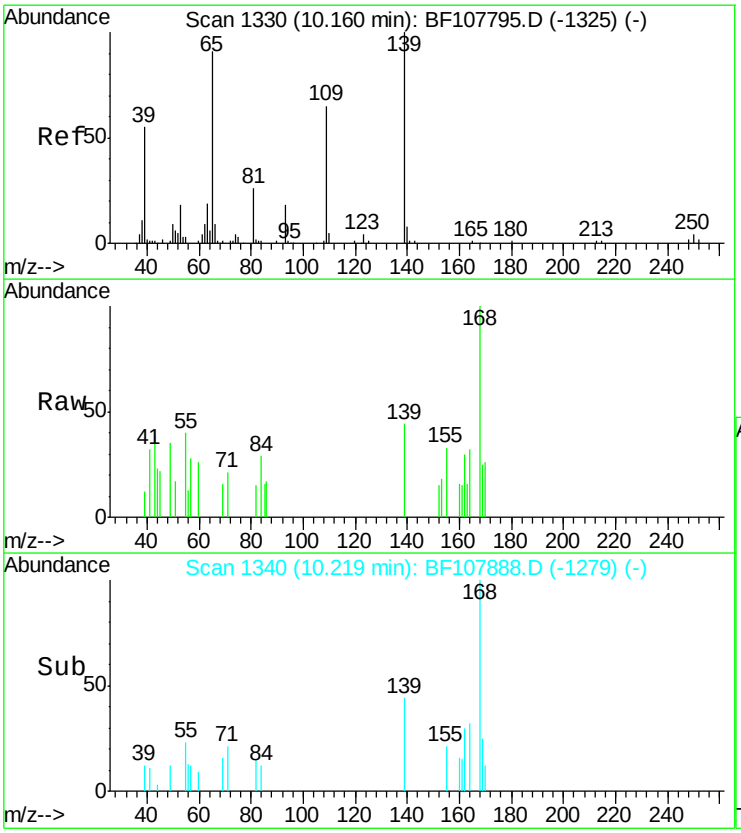
#49
Dimethylphthalate
Concen: 8.900 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tgt Ion:163 Resp: 141848

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.5	8.2	12.2

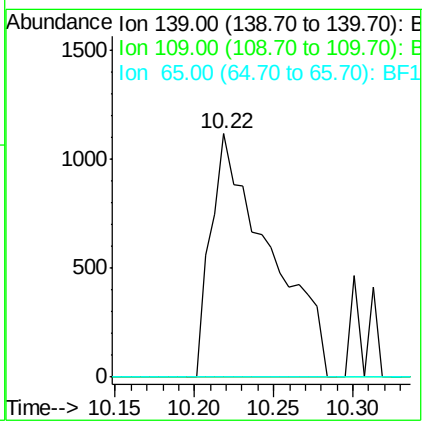


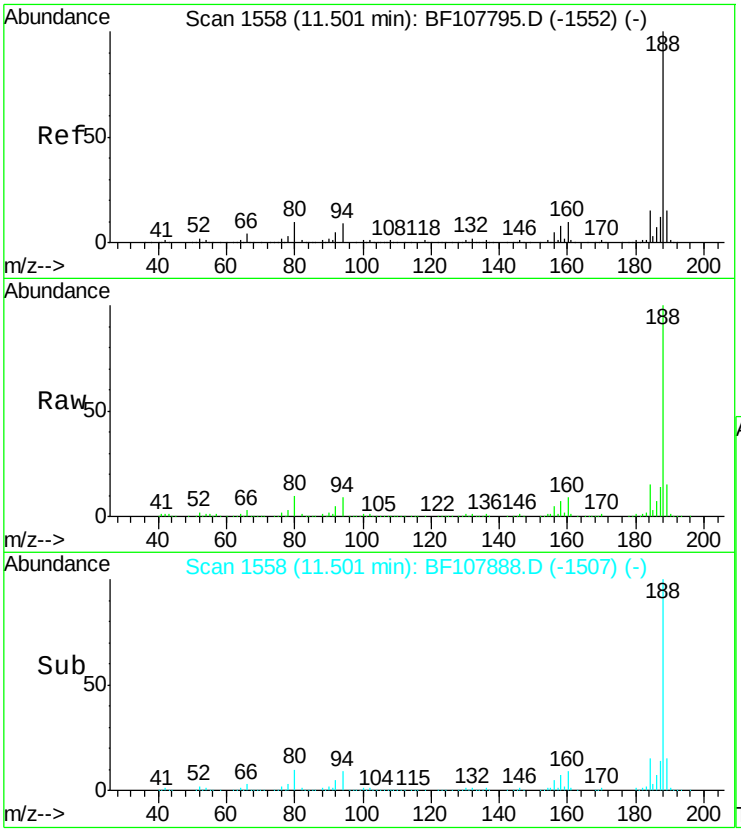


#55
4-Nitrophenol
Concen: 10.545 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.06 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion:139 Resp: 2865

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



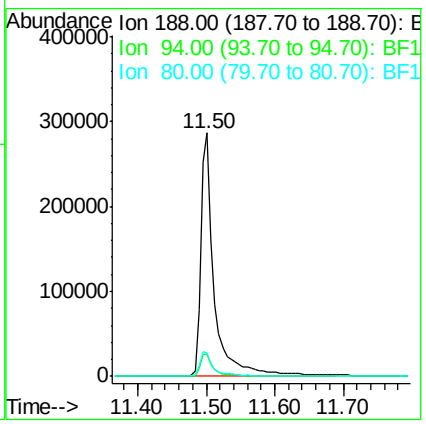


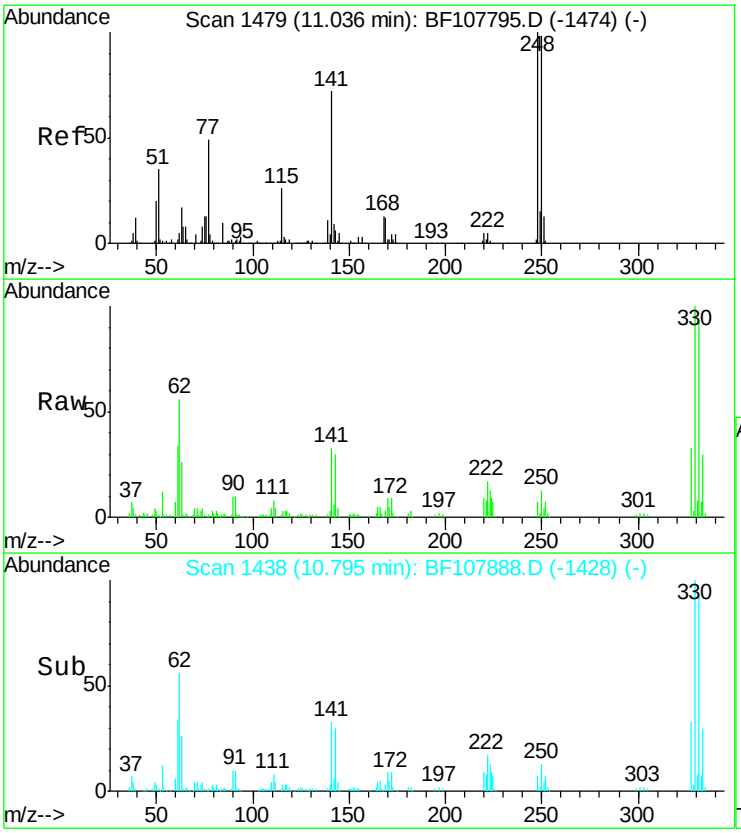
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tgt Ion:188 Resp: 399932

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	9.6	9.2	13.8

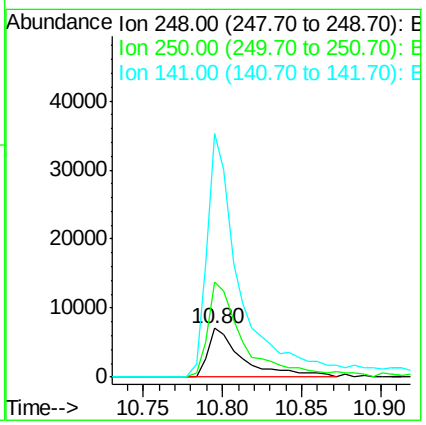


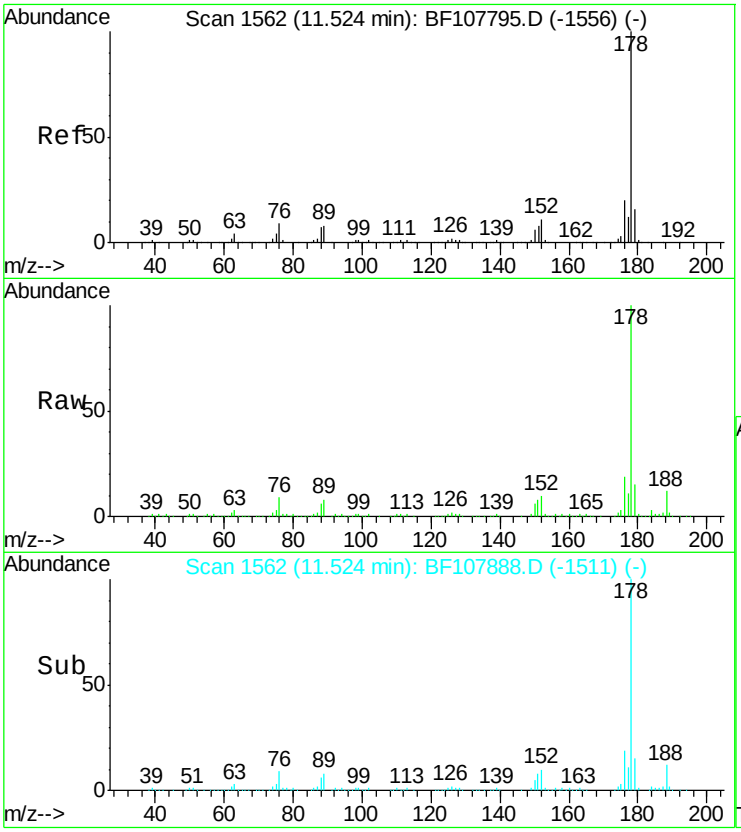


#66
4-Bromophenyl-phenylether
Concen: 2.311 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion:248 Resp: 10773

Ion	Ratio	Lower	Upper
248	100		
250	196.5	76.9	115.3#
141	500.8	74.4	111.6#



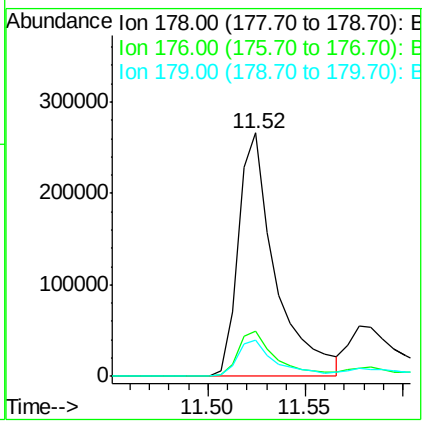


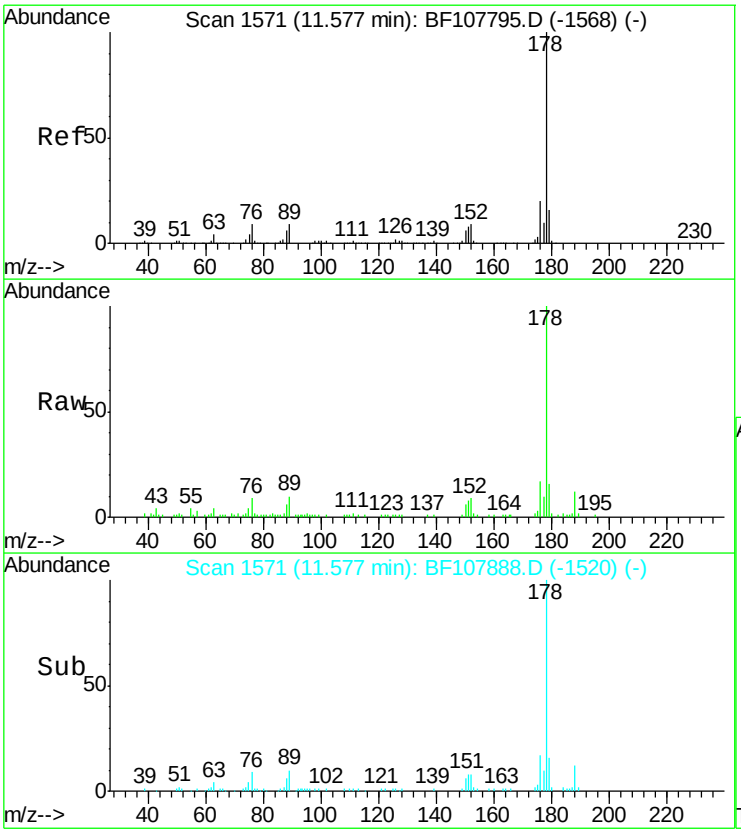
#70
Phenanthrene
Concen: 18.447 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tgt Ion:178 Resp: 350312

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.8
179	15.1	13.0	19.6

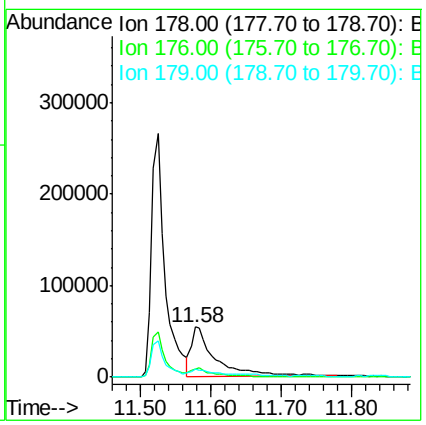


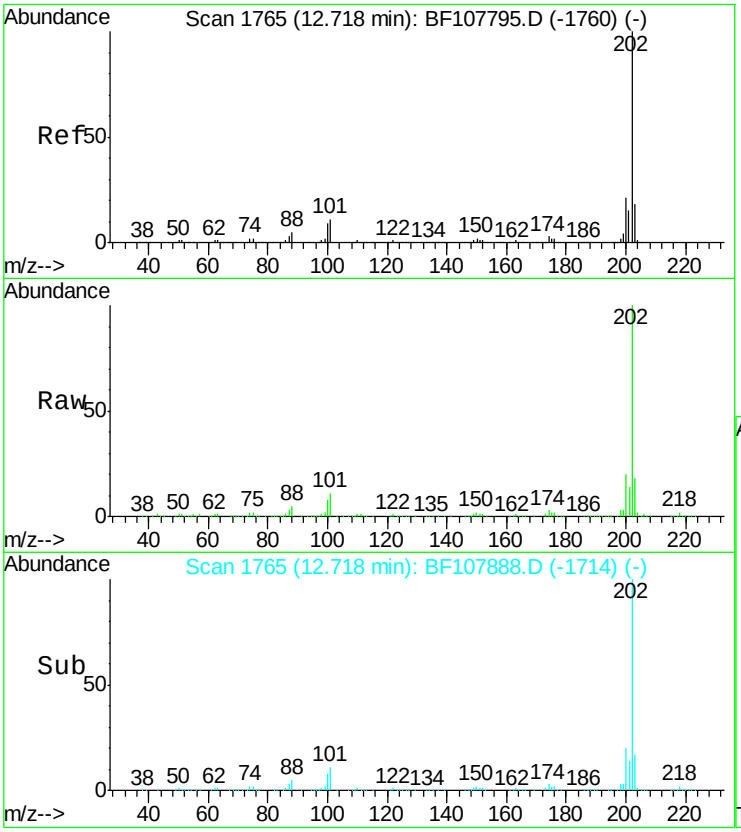


#71
Anthracene
Concen: 6.036 ng
RT: 11.58 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion:178 Resp: 132205

Ion	Ratio	Lower	Upper
178	100		
176	16.9	15.4	23.2
179	16.2	12.6	19.0



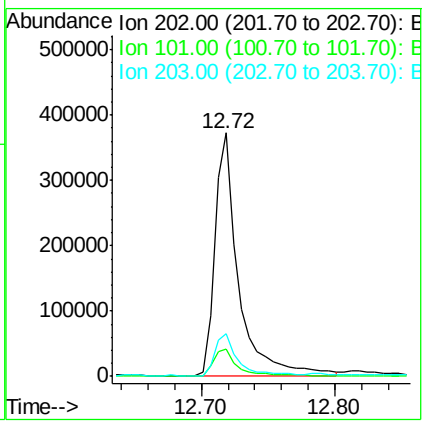


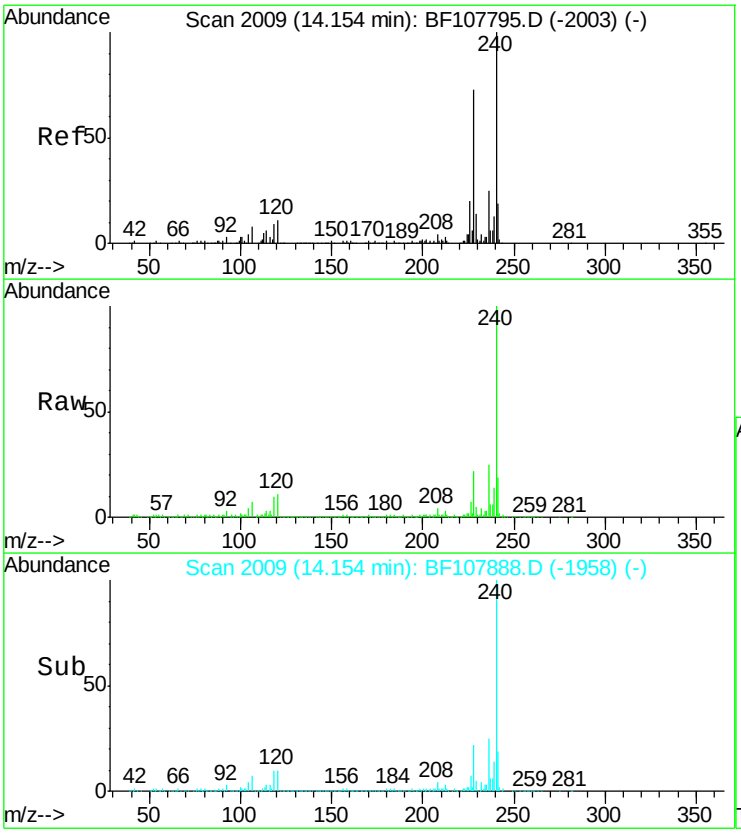
#74
Fluoranthene
Concen: 20.737 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tgt Ion:202 Resp: 462625

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.1
203	17.5	0.0	38.1

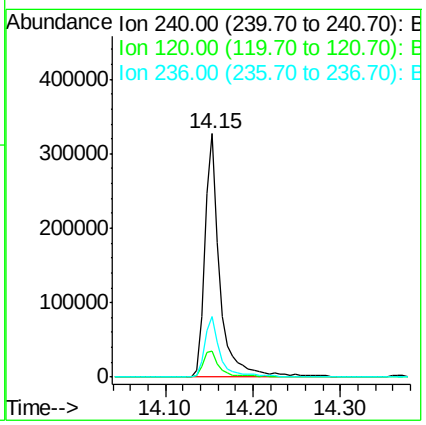


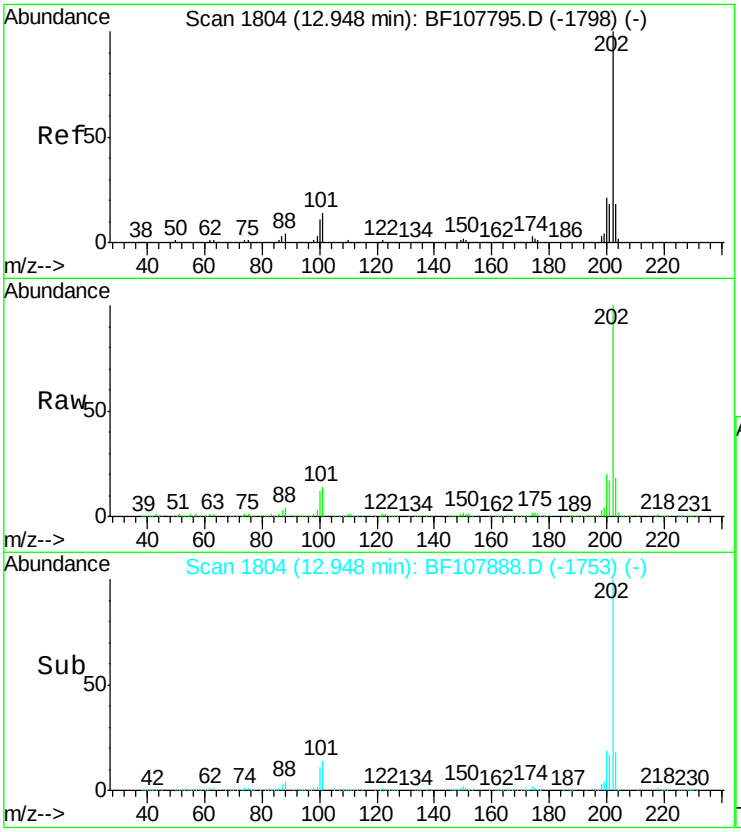


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion:240 Resp: 389823

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	24.6	20.7	31.1



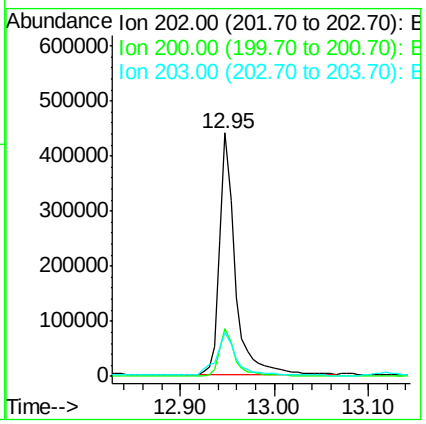


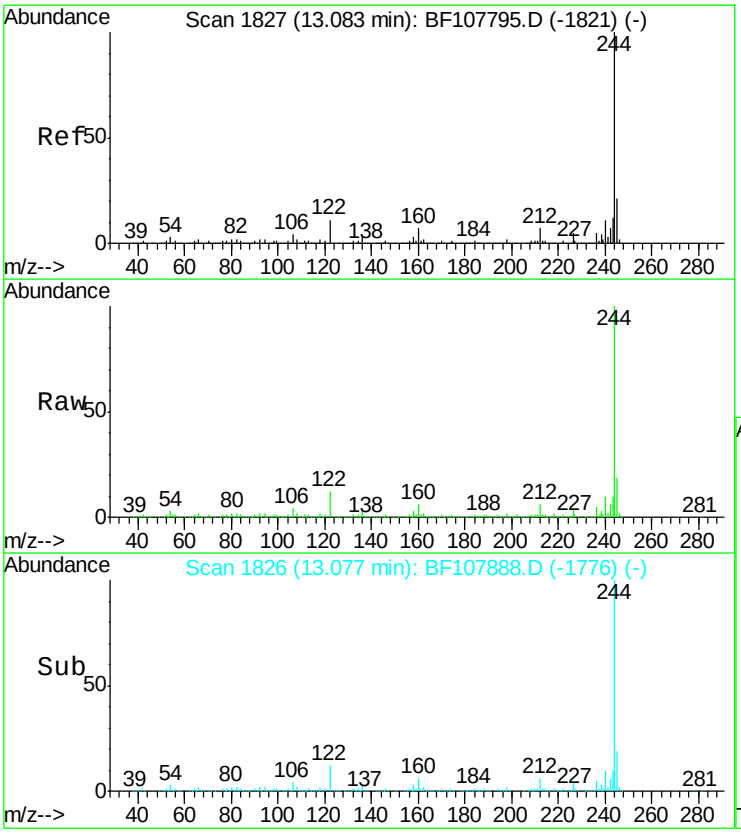
#77
Pyrene
Concen: 18.572 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tgt Ion:202 Resp: 521313

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.4	26.2
203	18.1	14.3	21.5

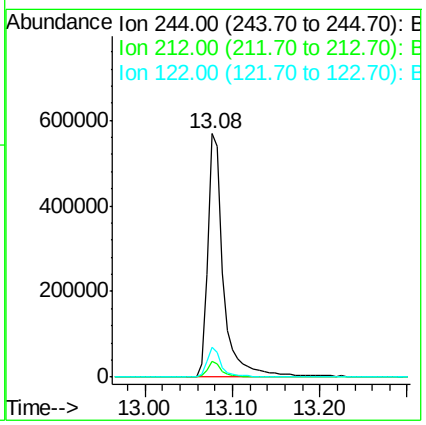


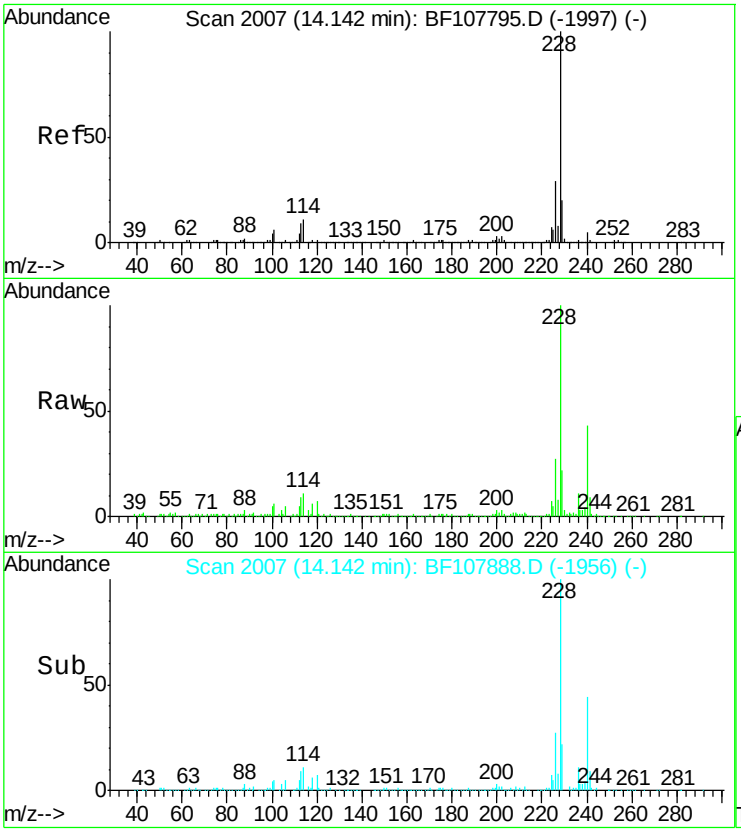


#78
Terphenyl-d14
Concen: 39.374 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion:244 Resp: 707826

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	12.4	11.0	16.4



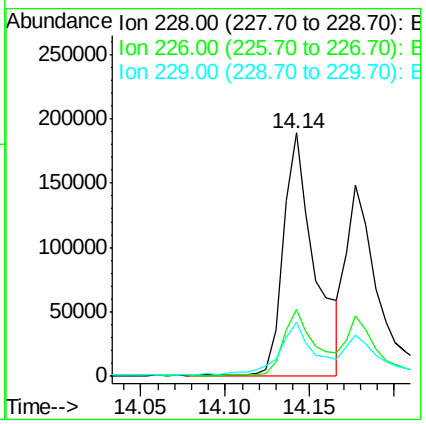


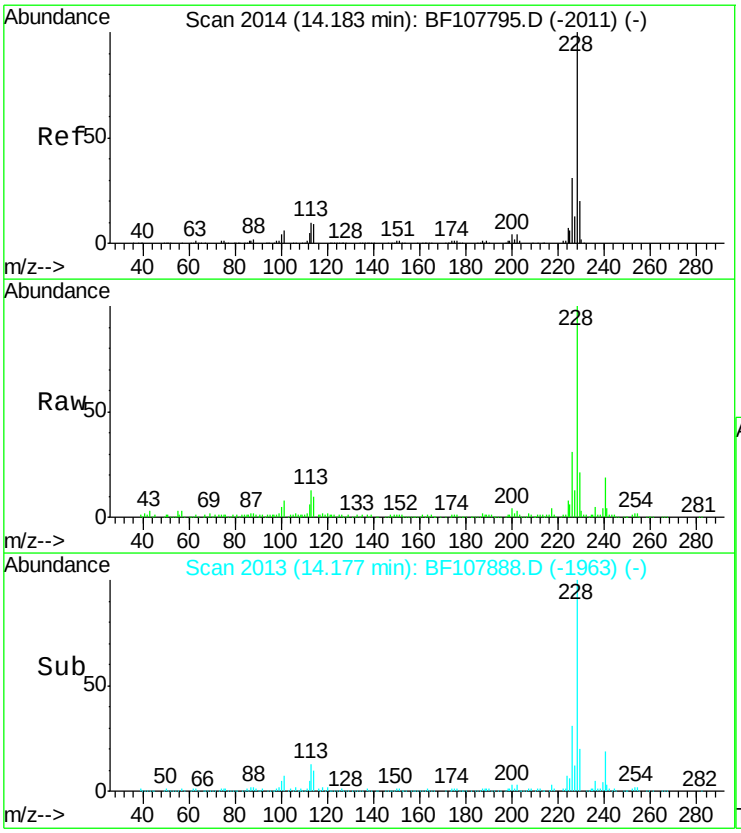
#80
Benzo(a)anthracene
Concen: 10.997 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tgt Ion:228 Resp: 242842

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	22.4	15.8	23.6

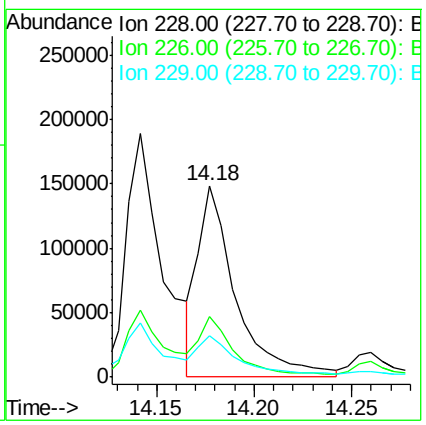


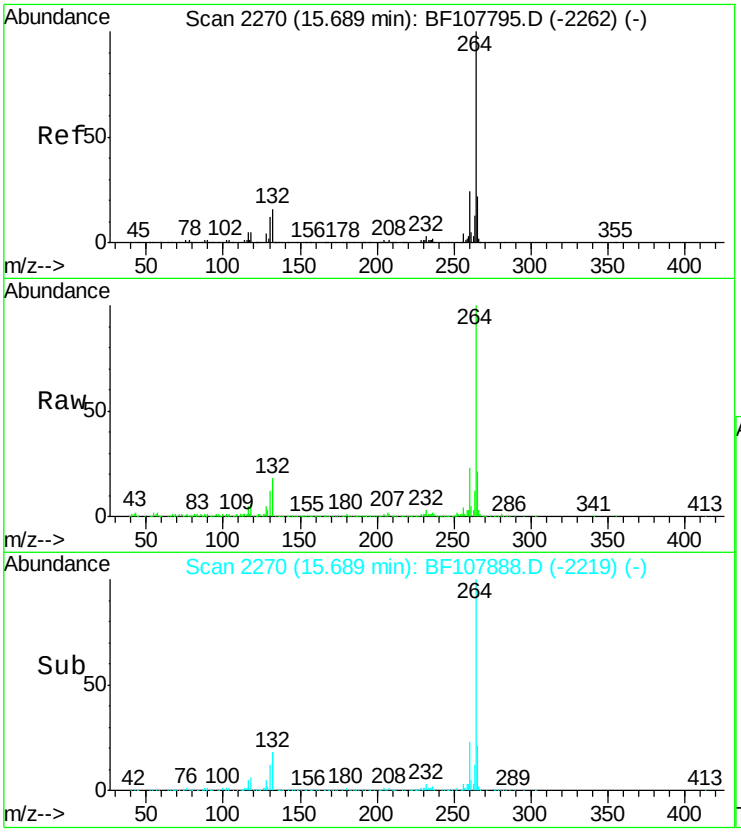


#82
Chrysene
Concen: 8.322 ng
RT: 14.18 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion:228 Resp: 198209

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	21.4	16.2	24.4



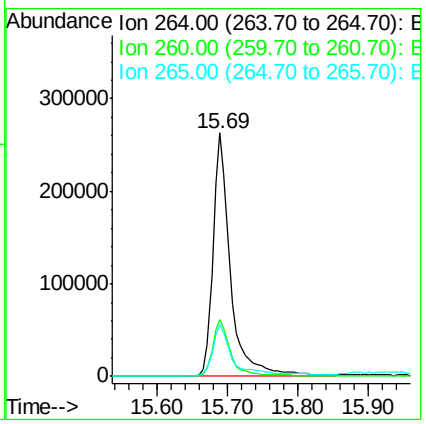


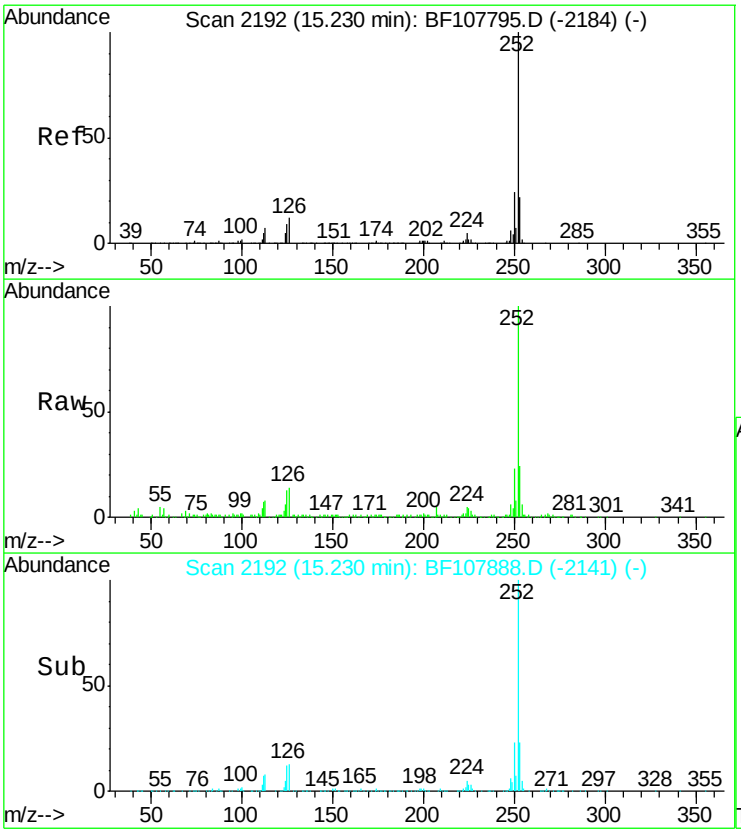
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tgt Ion:264 Resp: 448754

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.5	26.3

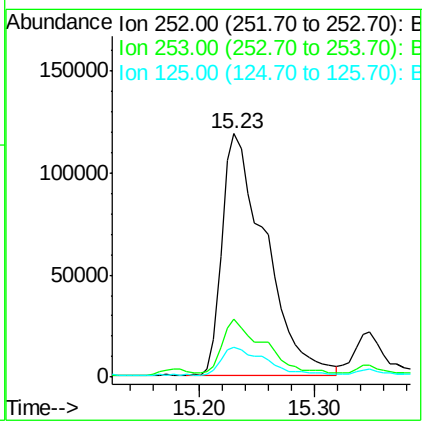


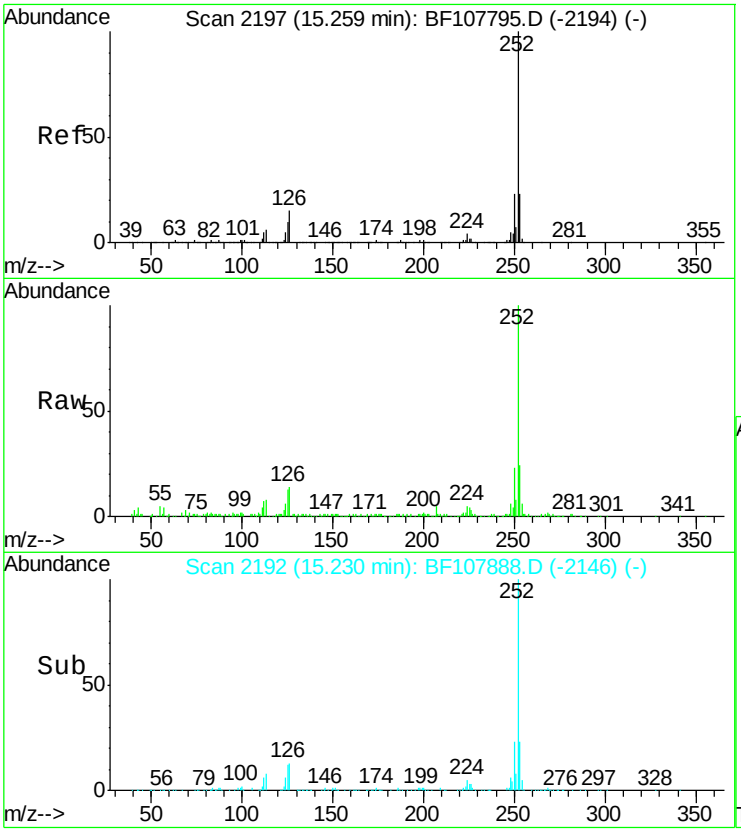


#87
Benzo(b)fluoranthene
Concen: 13.920 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion:252 Resp: 308079

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.6
125	12.5	9.0	13.6



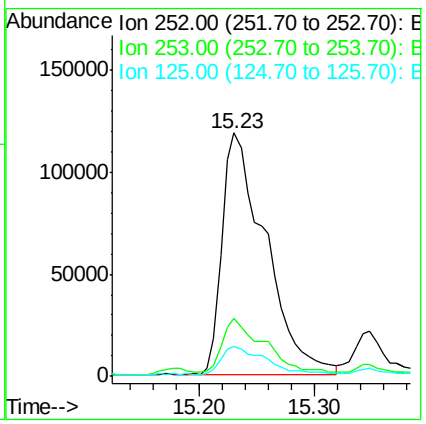


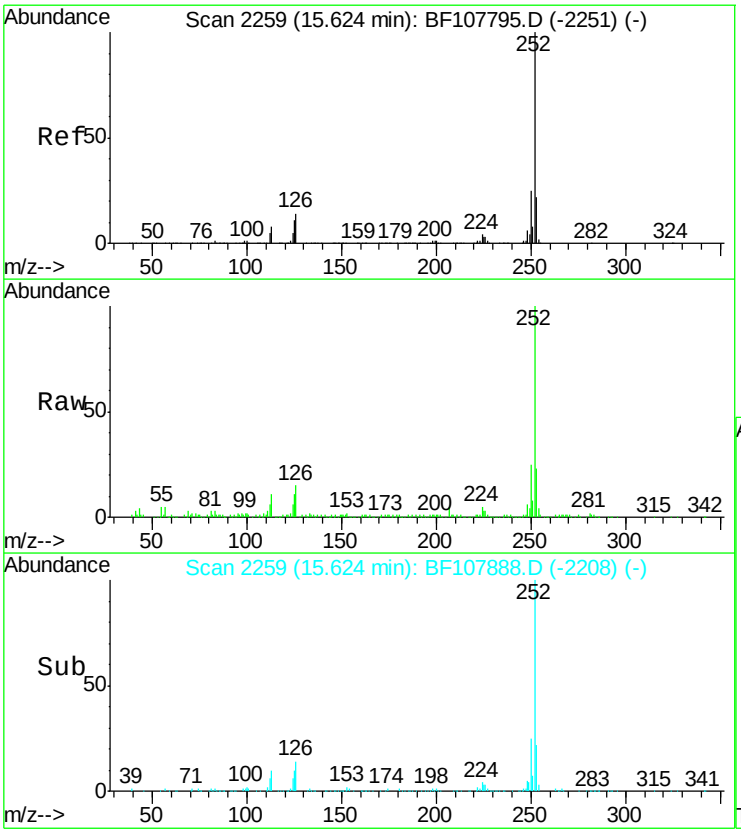
#88
Benzo(k)fluoranthene
Concen: 11.338 ng
RT: 15.23 min Scan# 2192
Delta R.T. -0.03 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tgt Ion:252 Resp: 308079

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	12.5	10.2	15.2

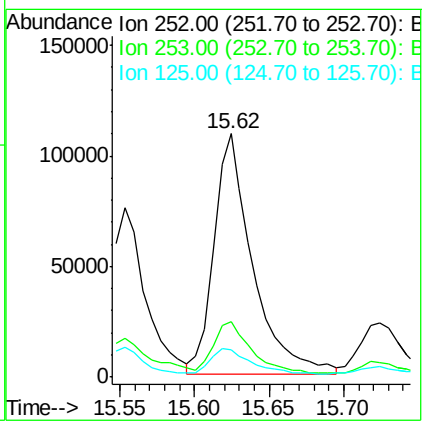


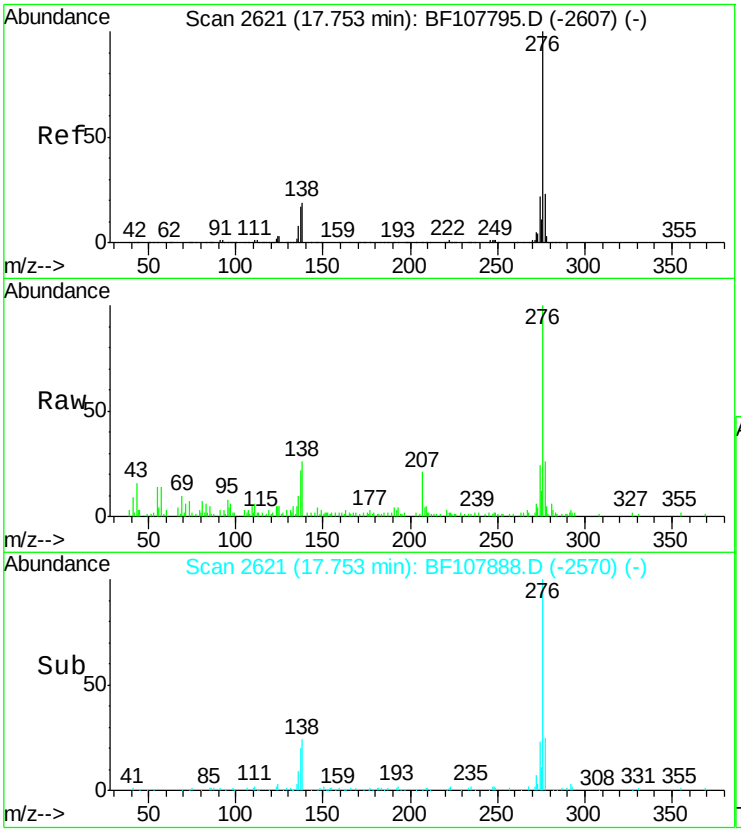


#89
Benzo(a)pyrene
Concen: 8.631 ng
RT: 15.62 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Tgt Ion:252 Resp: 197195

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	11.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 4.821 ng
RT: 17.75 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BF107888.D
Acq: 1 Aug 2018 14:53

Instrument :
BNA_F
ClientSampleId :
FS-RO-226

Tgt Ion:276 Resp: 92968

Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	25.6	21.8	32.8