Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106980.D
Acq On : 29 Jun 2018 18:27
Operator : JU/SJ
Sample : J3677-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 93-95-B3(10-15)

Quant Time: Jun 29 23:44:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	76313	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	283667	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	132285	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	230932	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	217884	20.00	ng	-0.02
86) Perylene-d12	15.68	264	159612	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	583539	129.48	ng	0.00
7) Phenol-d6	6.60	99	737775	131.09	ng	-0.01
23) Nitrobenzene-d5	7.52	82	468540	91.79	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	214769	140.08	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	755402	99.10	ng	-0.02
78) Terphenyl-d14	13.07	244	740939	82.37	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.70	163	113899	11.480	ng	99
70) Phenanthrene	11.51	178	25858	2.322	ng	97
74) Fluoranthene	12.71	202	33735	2.748	ng	94

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062918\
Data File : BF106980.D
Acq On : 29 Jun 2018 18:27
Operator : JU/SJ
Sample : J3677-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
93-95-B3(10-15)

Quant Time: Jun 29 23:44:24 2018
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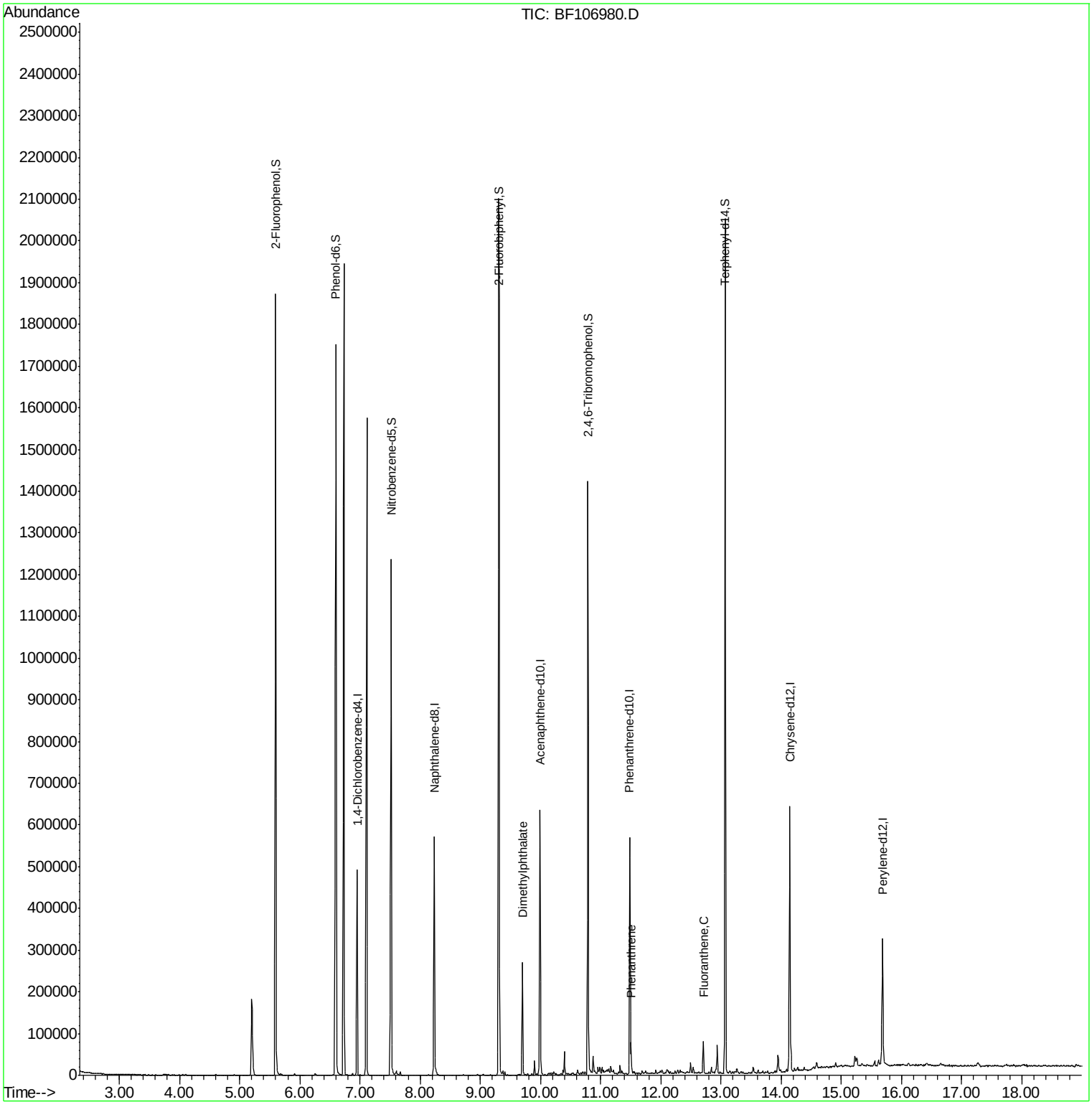
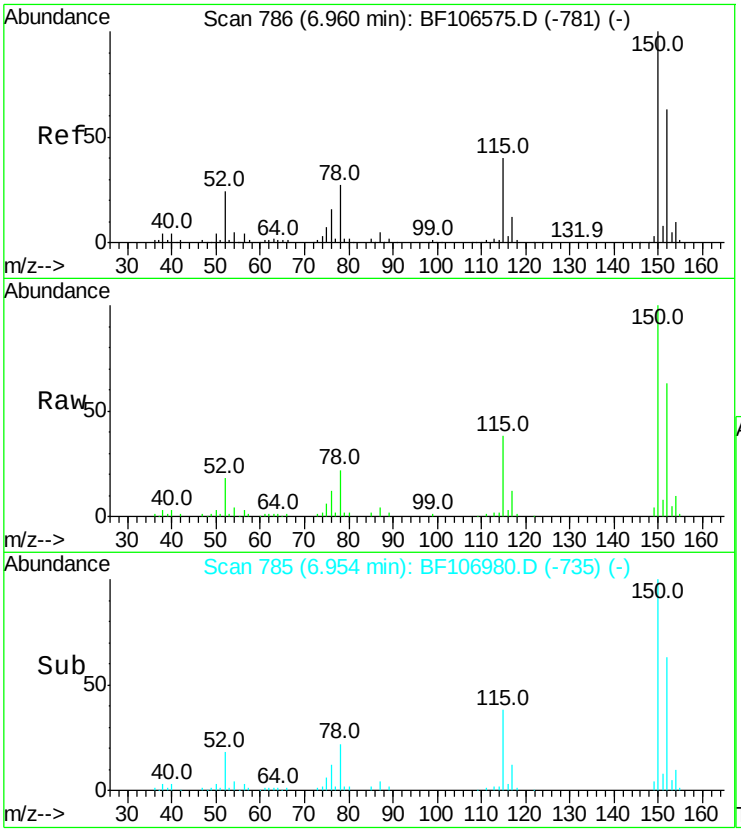


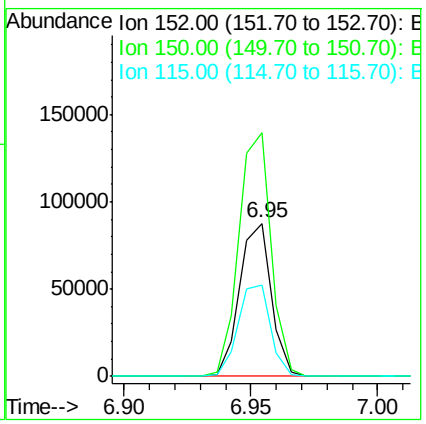


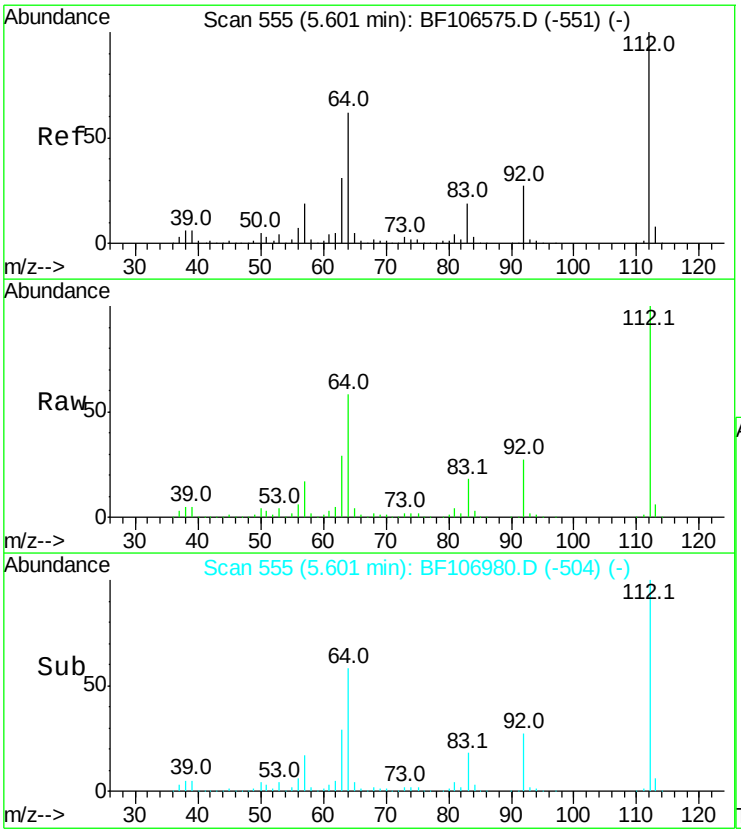
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106980.D
Acq: 29 Jun 2018 18:27

Instrument :
BNA_F
ClientSampleId :
93-95-B3(10-15)

Tgt Ion:152 Resp: 76313

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.6	186.8
115	59.9	50.1	75.1

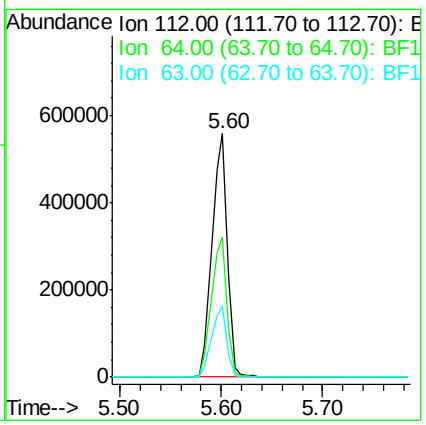


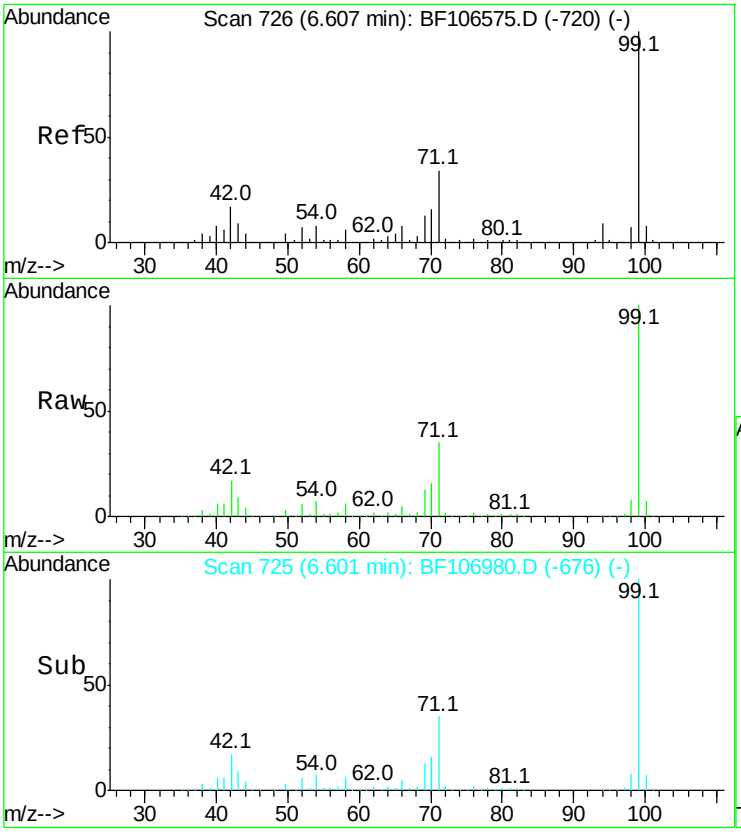


#5
2-Fluorophenol
Concen: 129.482 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF106980.D
Acq: 29 Jun 2018 18:27

Tgt Ion:112 Resp: 583539

Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	28.9	23.7	35.5



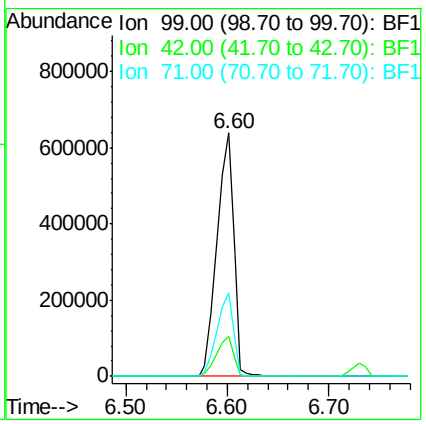


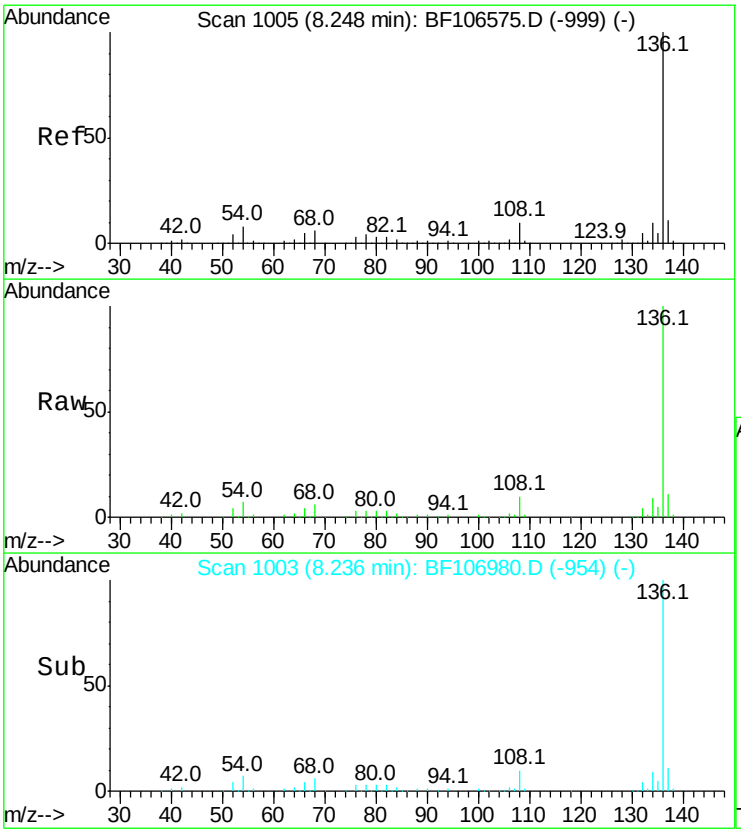
#7
Phenol-d6
Concen: 131.090 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF106980.D
Acq: 29 Jun 2018 18:27

Instrument :
BNA_F
ClientSampleId :
93-95-B3(10-15)

Tgt Ion: 99 Resp: 737775

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.5	21.7
71	34.5	25.4	38.0

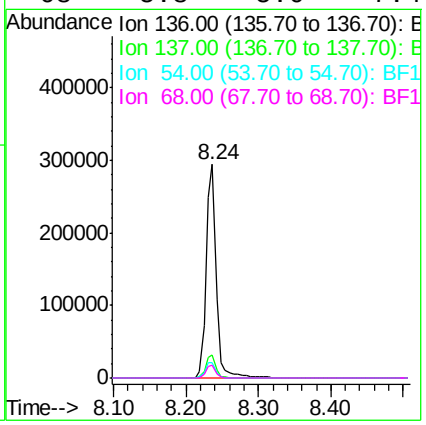


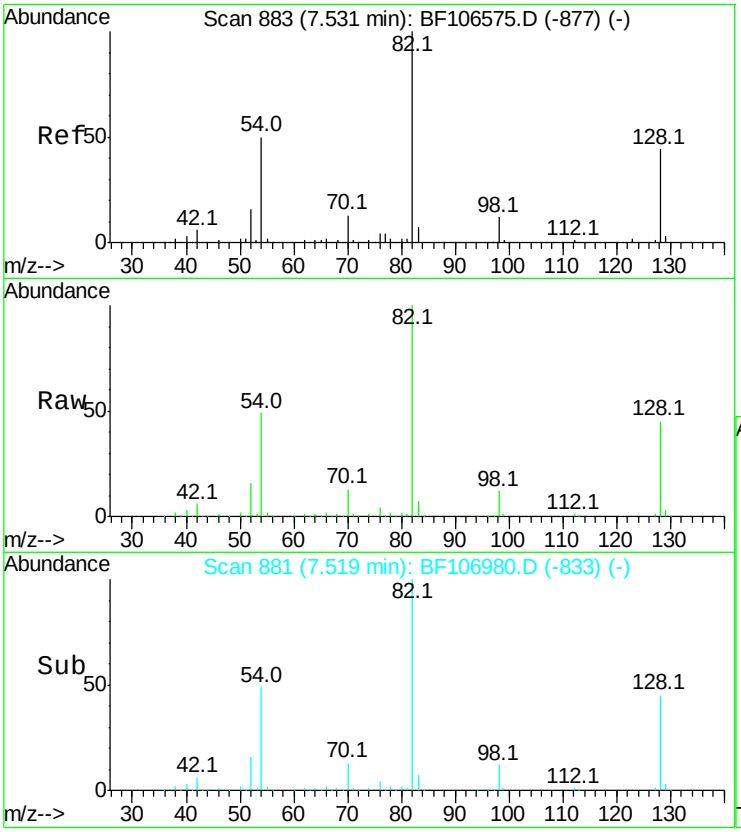


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106980.D
Acq: 29 Jun 2018 18:27

Tgt Ion:136 Resp: 283667

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.2	6.6	9.8
68	5.8	5.0	7.4



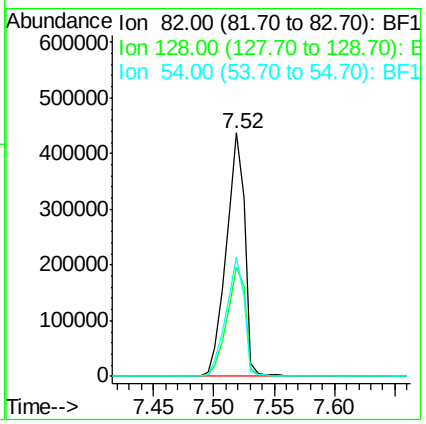


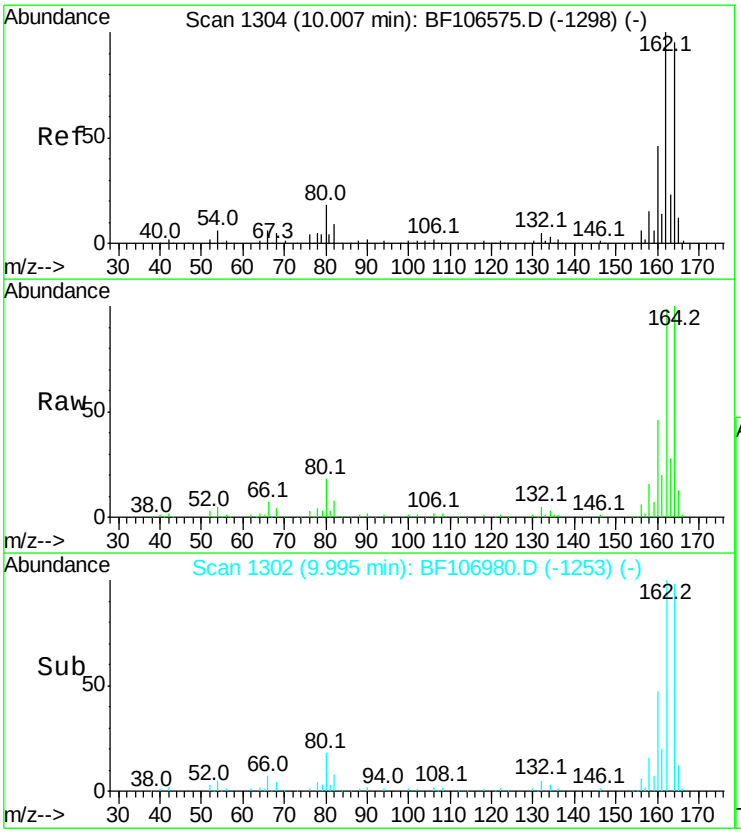
#23
Nitrobenzene-d5
Concen: 91.792 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF106980.D
Acq: 29 Jun 2018 18:27

Instrument :
BNA_F
ClientSampleId :
93-95-B3(10-15)

Tgt Ion: 82 Resp: 468540

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	49.1	41.4	62.2

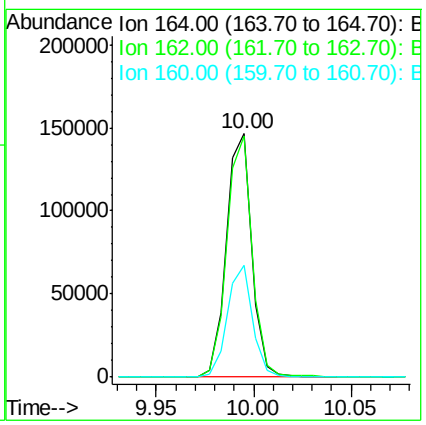


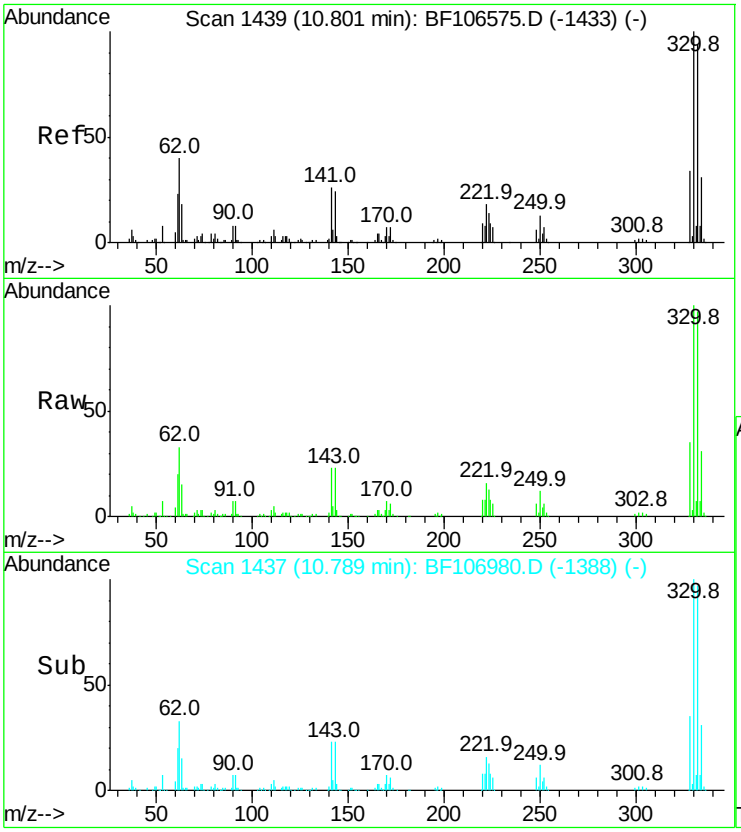


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106980.D
Acq: 29 Jun 2018 18:27

Tgt Ion:164 Resp: 132285

Ion	Ratio	Lower	Upper
164	100		
162	99.2	86.1	129.1
160	46.0	38.3	57.5



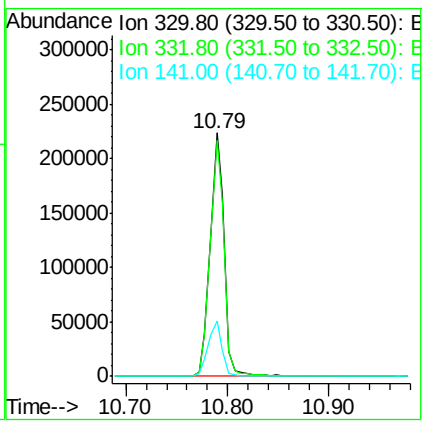


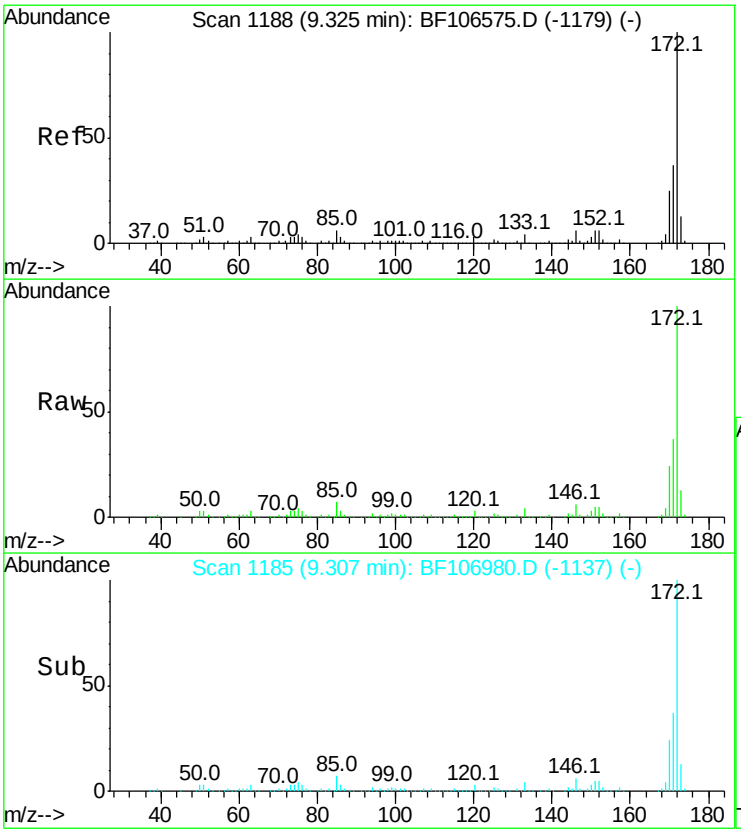
#41
2,4,6-Tribromophenol
Concen: 140.077 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF106980.D
Acq: 29 Jun 2018 18:27

Instrument :
BNA_F
ClientSampleId :
93-95-B3(10-15)

Tgt Ion:330 Resp: 214769

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	22.7	29.9	44.9#

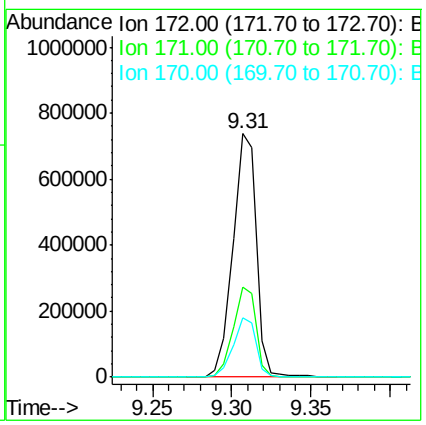


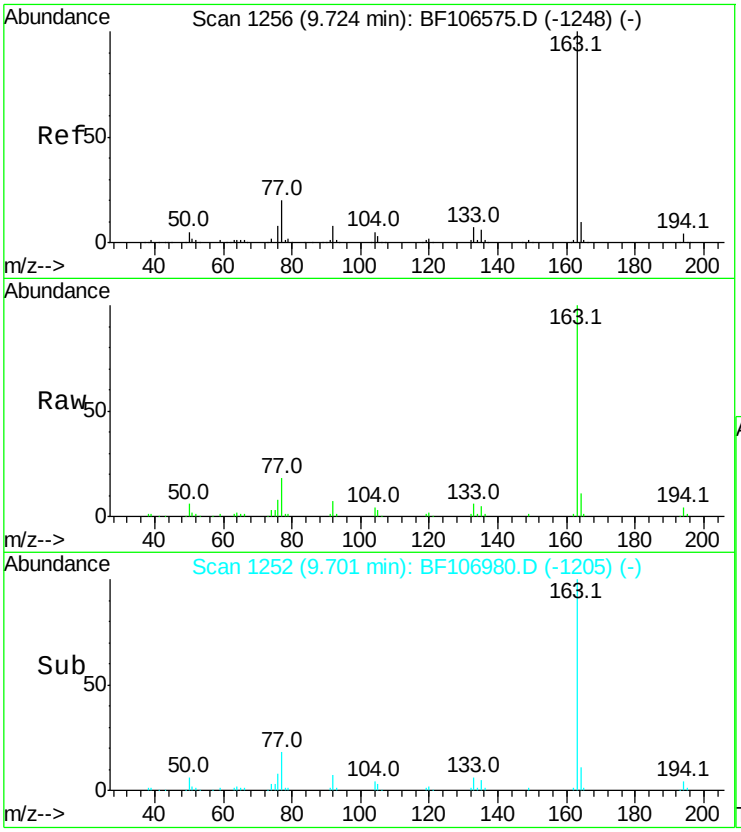


#44
2-Fluorobiphenyl
Concen: 99.103 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF106980.D
Acq: 29 Jun 2018 18:27

Tgt Ion:172 Resp: 755402

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.4	19.6	29.4



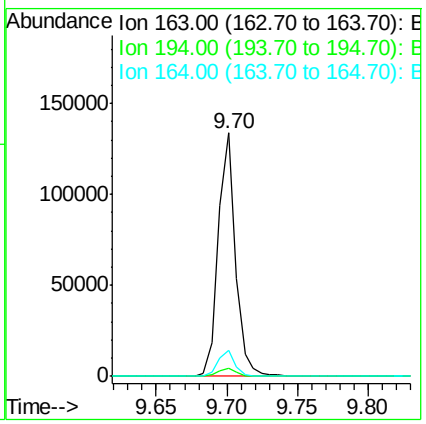


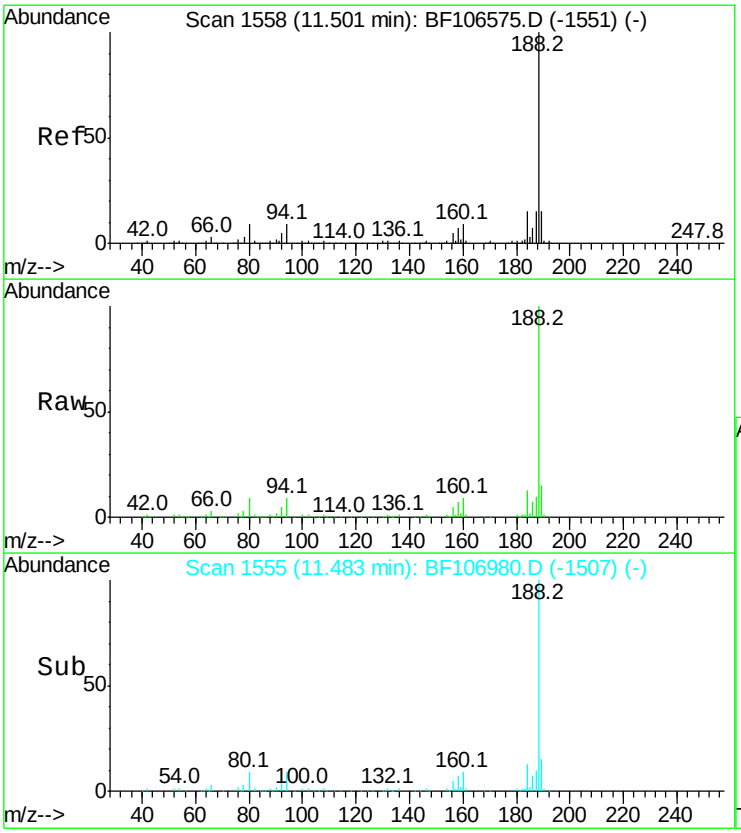
#49
Dimethylphthalate
Concen: 11.480 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF106980.D
Acq: 29 Jun 2018 18:27

Instrument :
BNA_F
ClientSampleId :
93-95-B3(10-15)

Tgt Ion:163 Resp: 113899

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.7	8.2	12.2

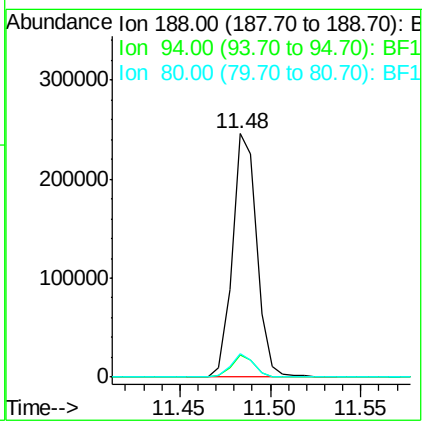


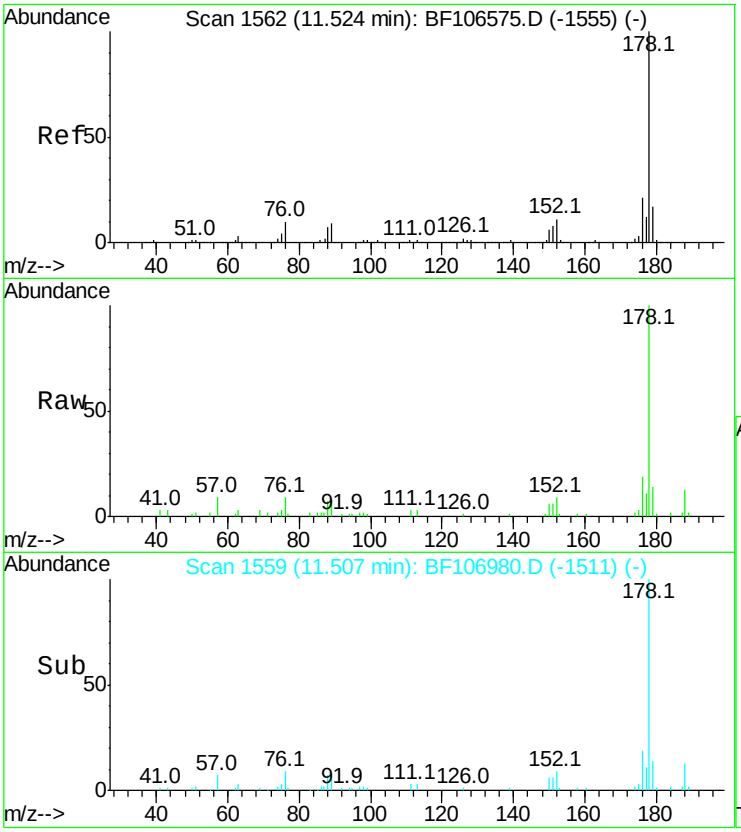


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF106980.D
Acq: 29 Jun 2018 18:27

Tgt Ion:188 Resp: 230932

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	9.4	9.2	13.8



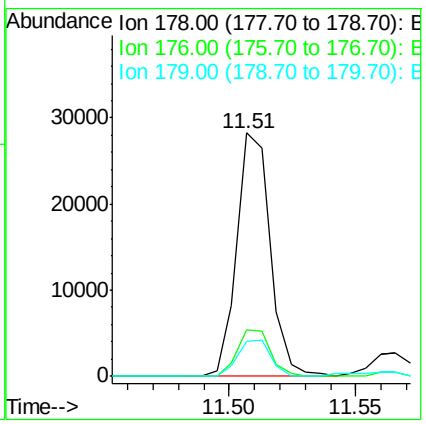


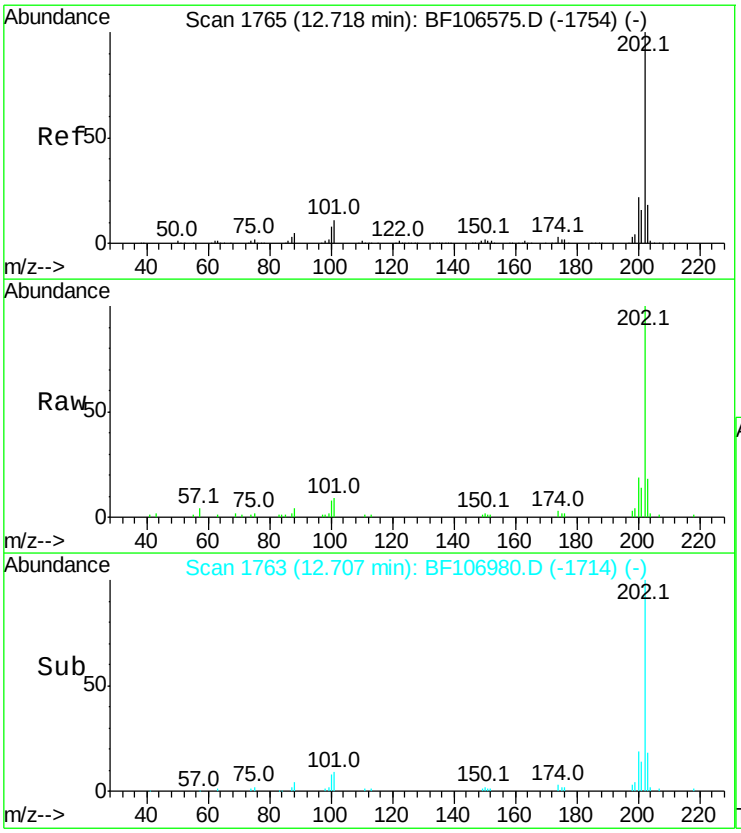
#70
Phenanthrene
Concen: 2.322 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF106980.D
Acq: 29 Jun 2018 18:27

Instrument :
BNA_F
ClientSampleId :
93-95-B3(10-15)

Tgt Ion:178 Resp: 25858

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	14.5	13.0	19.6

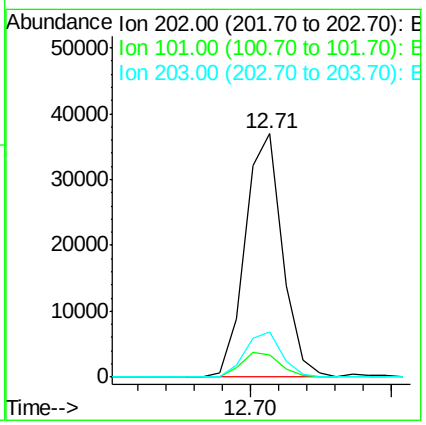


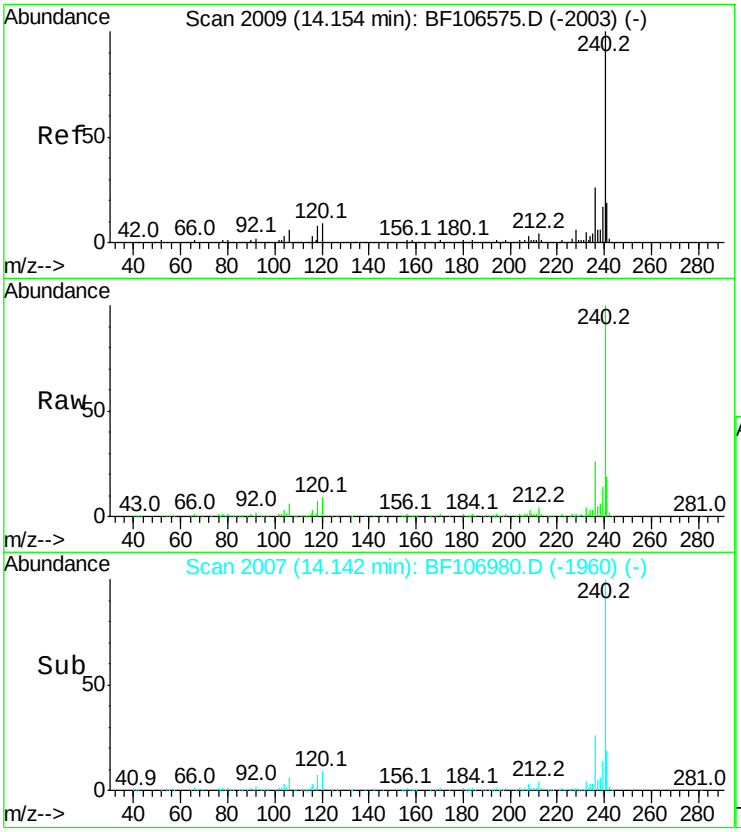


#74
Fluoranthene
Concen: 2.748 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF106980.D
Acq: 29 Jun 2018 18:27

Tgt Ion:202 Resp: 33735

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	34.1
203	18.4	0.0	38.1



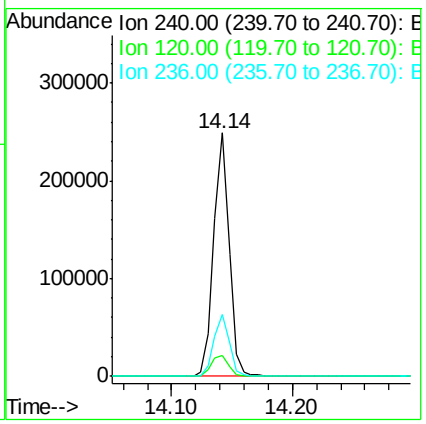


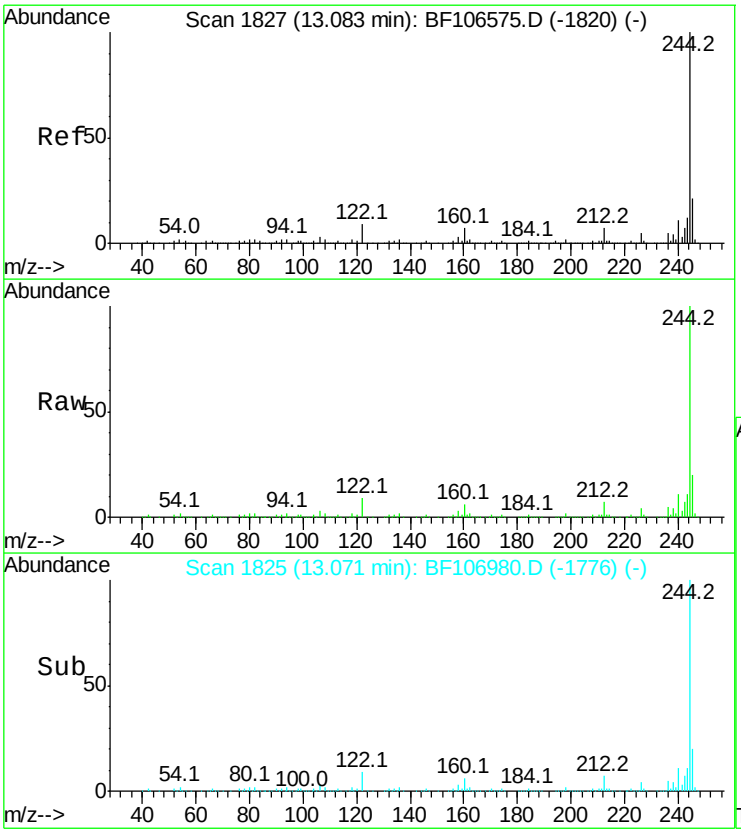
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106980.D
Acq: 29 Jun 2018 18:27

Instrument :
BNA_F
ClientSampleId :
93-95-B3(10-15)

Tgt Ion:240 Resp: 217884

Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.5	14.3#
236	25.6	20.7	31.1

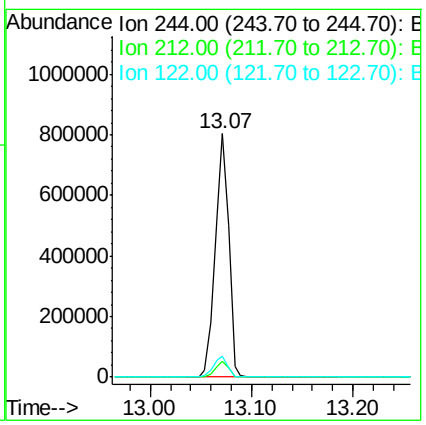


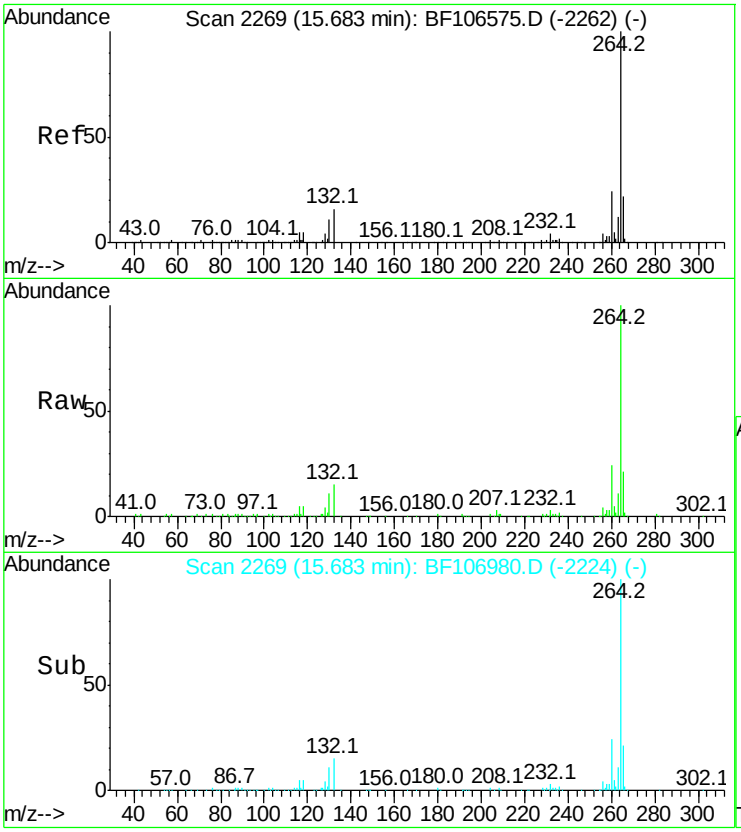


#78
Terphenyl-d14
Concen: 82.373 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF106980.D
Acq: 29 Jun 2018 18:27

Tgt Ion:244 Resp: 740939

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.8	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.04 min
Lab File: BF106980.D
Acq: 29 Jun 2018 18:27

Instrument :
BNA_F
ClientSampleId :
93-95-B3(10-15)

Tgt Ion:264 Resp: 159612

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.0	17.5	26.3