Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110616.D
Acq On : 9 Nov 2018 10:04
Operator : JU/SJ
Sample : J5813-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 09 15:44:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	78826	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	314260	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	138911	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	216414	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	155265	20.00	ng	-0.01
87) Perylene-d12	15.65	264	141210	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	500321	103.10	ng	0.00
7) Phenol-d6	6.57	99	638534	102.90	ng	0.00
23) Nitrobenzene-d5	7.51	82	402820	73.82	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	89342	63.83	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	656071	67.45	ng	0.00
79) Terphenyl-d14	13.06	244	409582	49.40	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	1378	Below Cal	#	1
10) Phenol	6.58	94	41717	5.797	ng	# 69
19) n-Nitroso-di-n-propylamine	7.51	70	52308	13.205	ng	# 80
25) Isophorone	7.51	82	402818	45.038	ng	# 67
50) Dimethylphthalate	9.69	163	106208	10.247	ng	98
57) 2,4-Dinitrotoluene	9.99	165	17622	5.944	ng	# 19
67) 4-Bromophenyl-phenylether	10.77	248	5496	2.298	ng	# 1
75) Fluoranthene	12.70	202	31336	2.696	ng	98
78) Pyrene	12.93	202	27043	2.262	ng	99
88) Benzo(b)fluoranthene	15.20	252	27101	3.208	ng	# 78
89) Benzo(k)fluoranthene	15.20	252	27101	3.247	ng	# 77

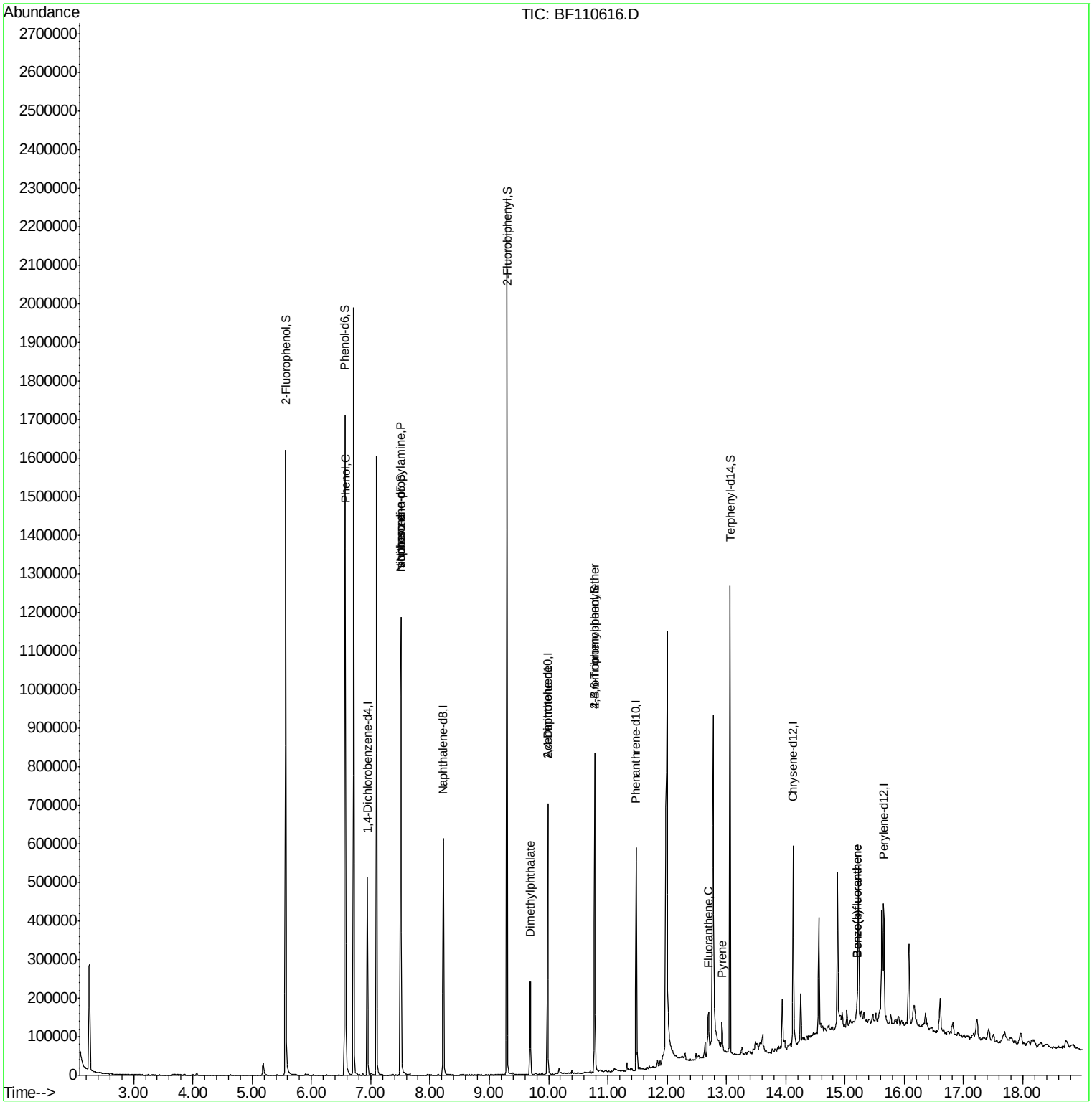
(#) = qualifier out of range (m) = manual integration (+) = signals summed

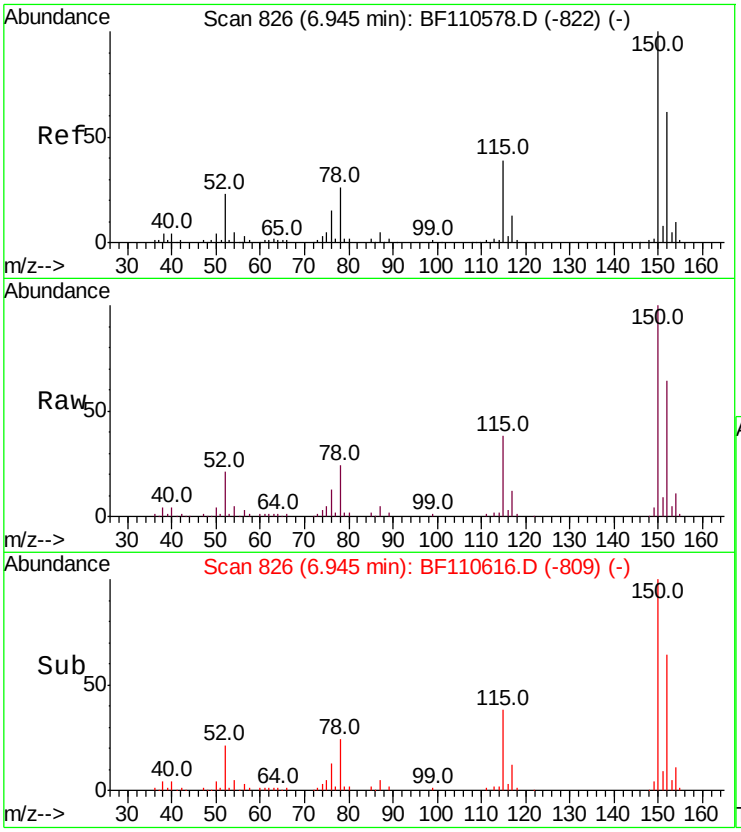
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
Data File : BF110616.D
Acq On : 9 Nov 2018 10:04
Operator : JU/SJ
Sample : J5813-03
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 09 15:44:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration



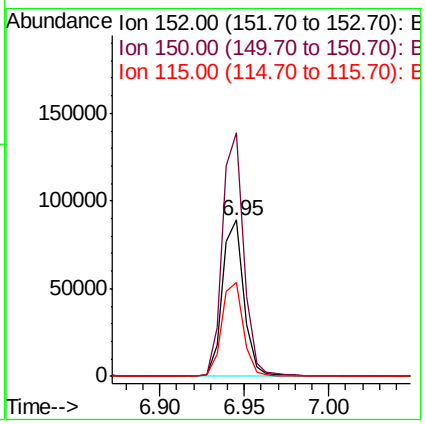


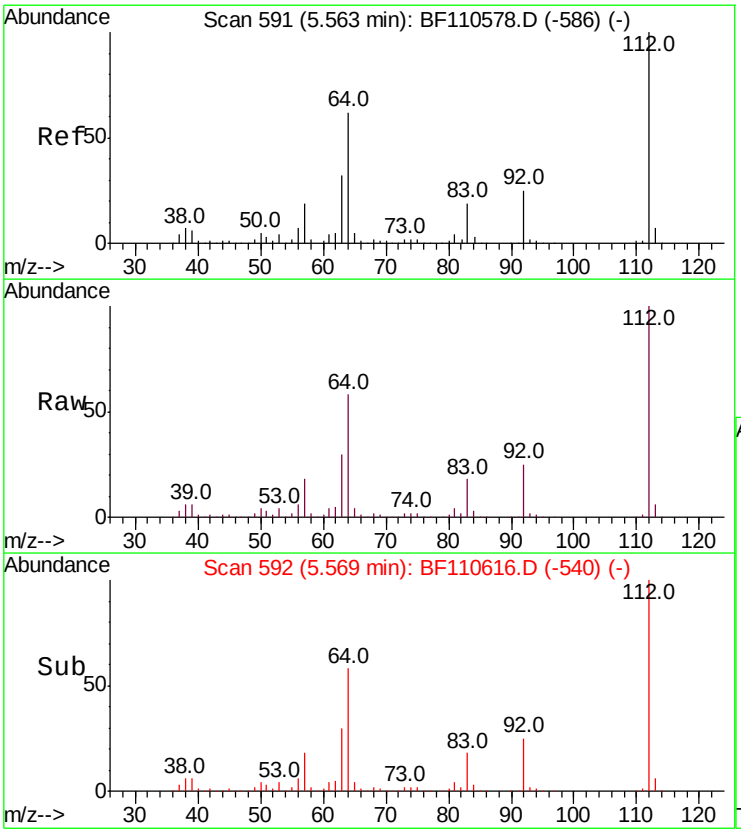
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 78826

Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.7	184.1
115	60.0	49.1	73.7

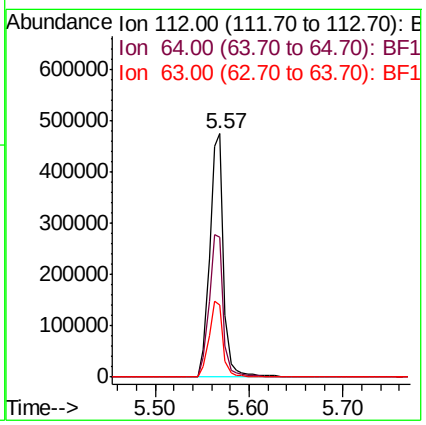


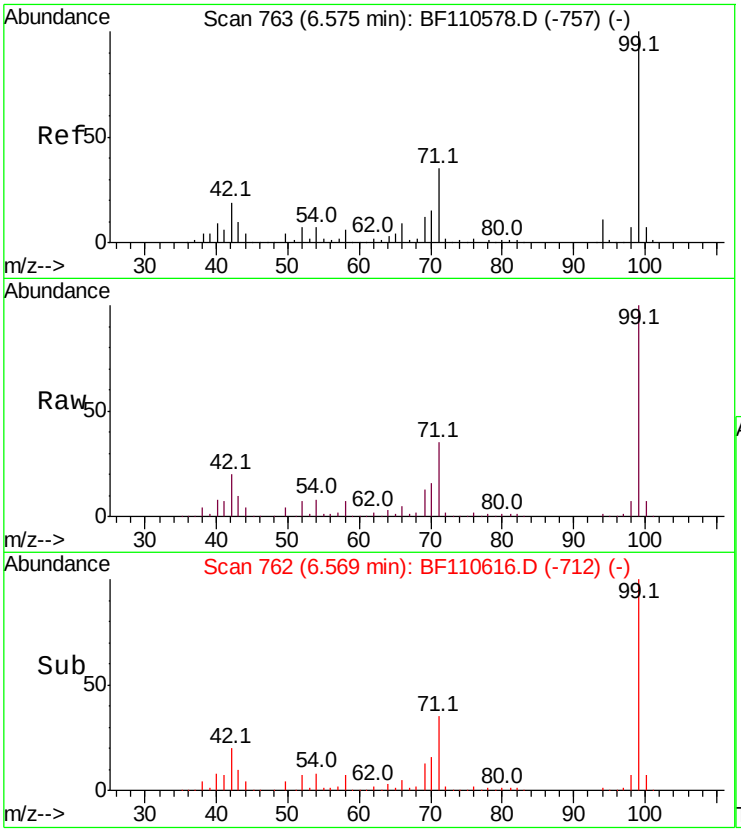


#5
2-Fluorophenol
Concen: 103.098 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Tgt Ion:112 Resp: 500321

Ion	Ratio	Lower	Upper
112	100		
64	57.7	44.1	66.1
63	29.7	23.7	35.5



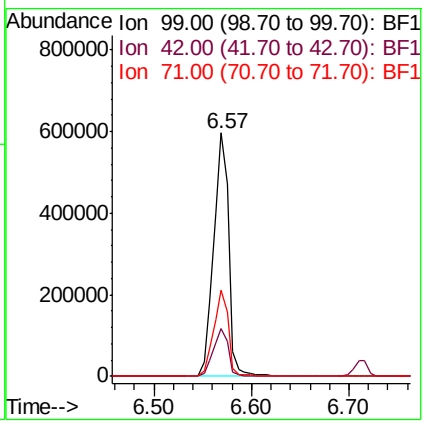


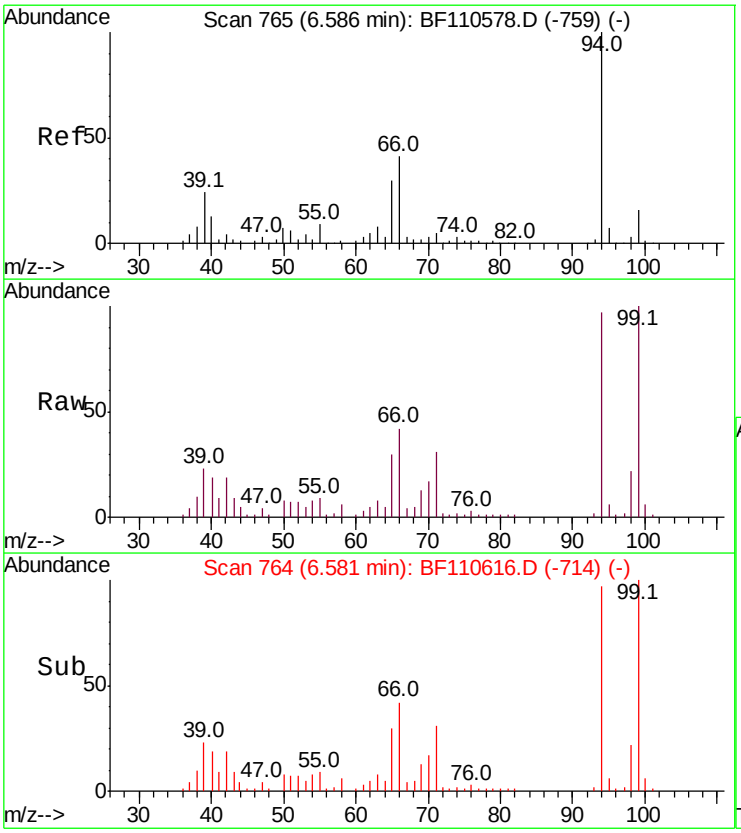
#7
Phenol-d6
Concen: 102.895 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 638534

Ion	Ratio	Lower	Upper
99	100		
42	19.8	15.8	23.6
71	35.3	28.0	42.0

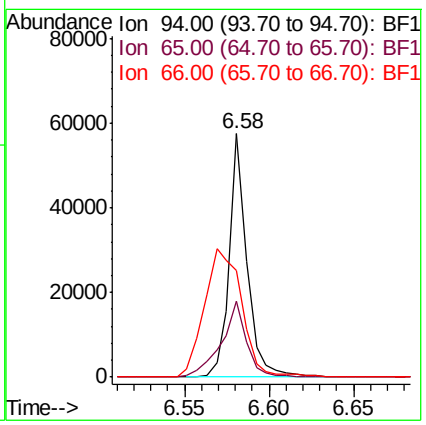


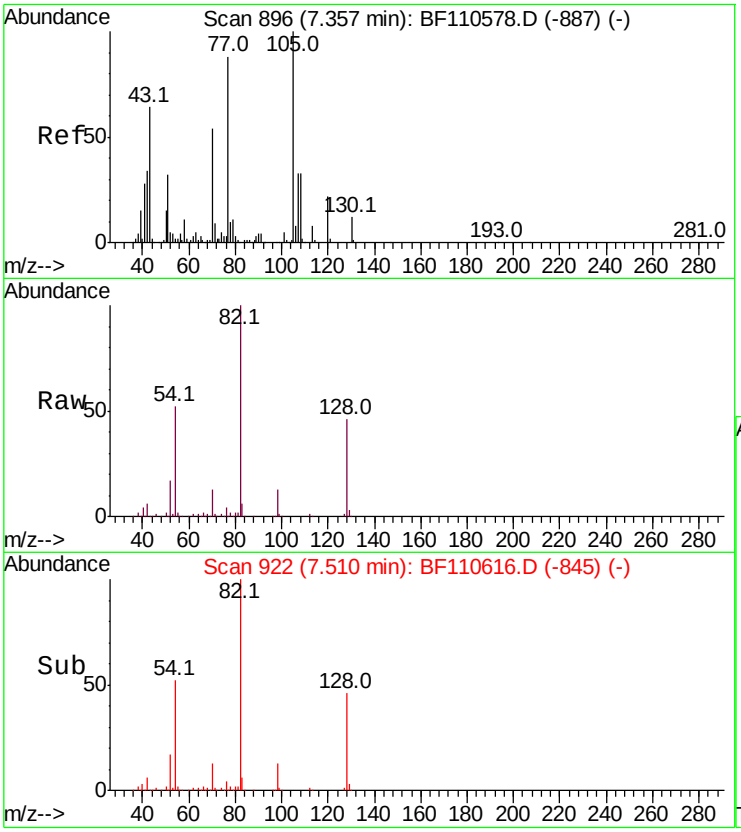


#10
Phenol
Concen: 5.797 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Tgt Ion: 94 Resp: 41717

Ion	Ratio	Lower	Upper
94	100		
65	31.3	25.3	65.3
66	43.8	54.5	94.5#



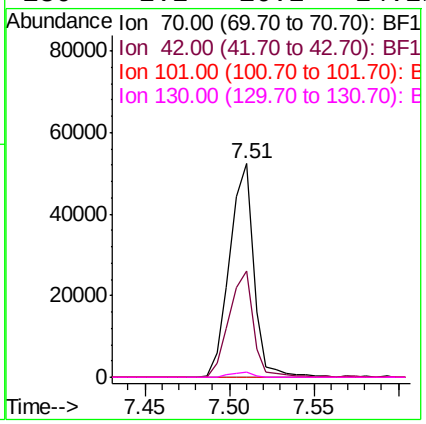


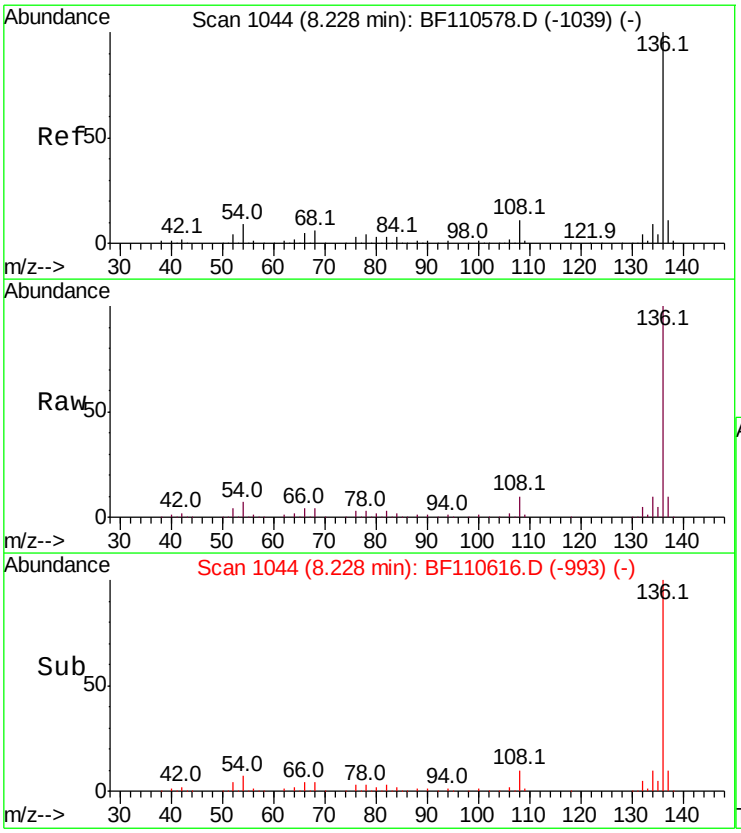
#19
n-Nitroso-di-n-propylamine
Concen: 13.205 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 52308

Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#

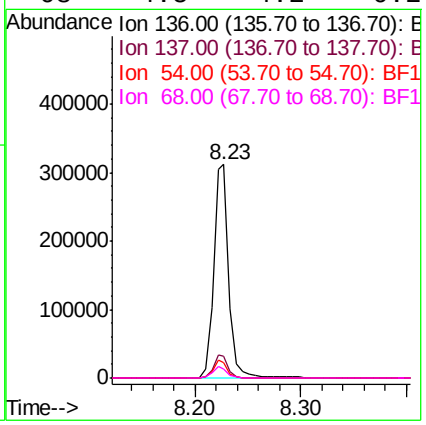


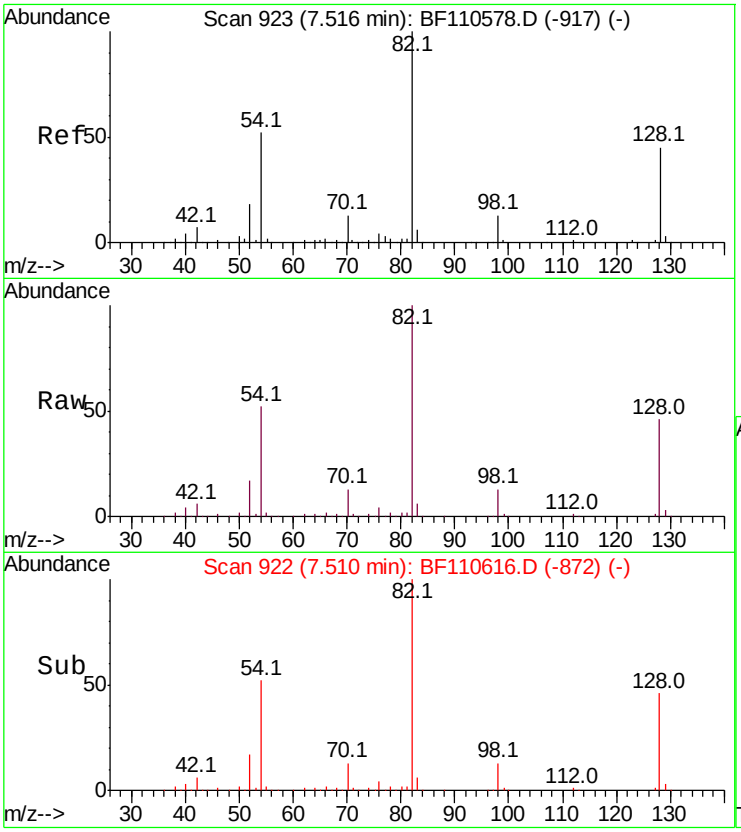


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Tgt Ion:136 Resp: 314260

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	7.4	5.4	8.2
68	4.5	4.2	6.2



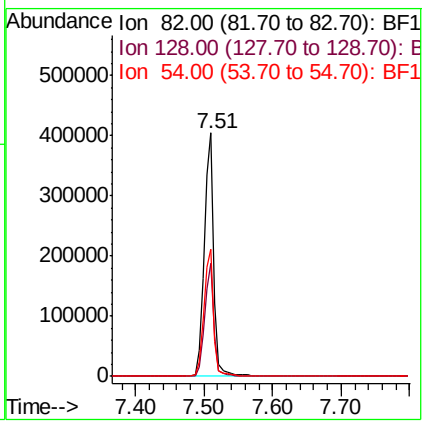


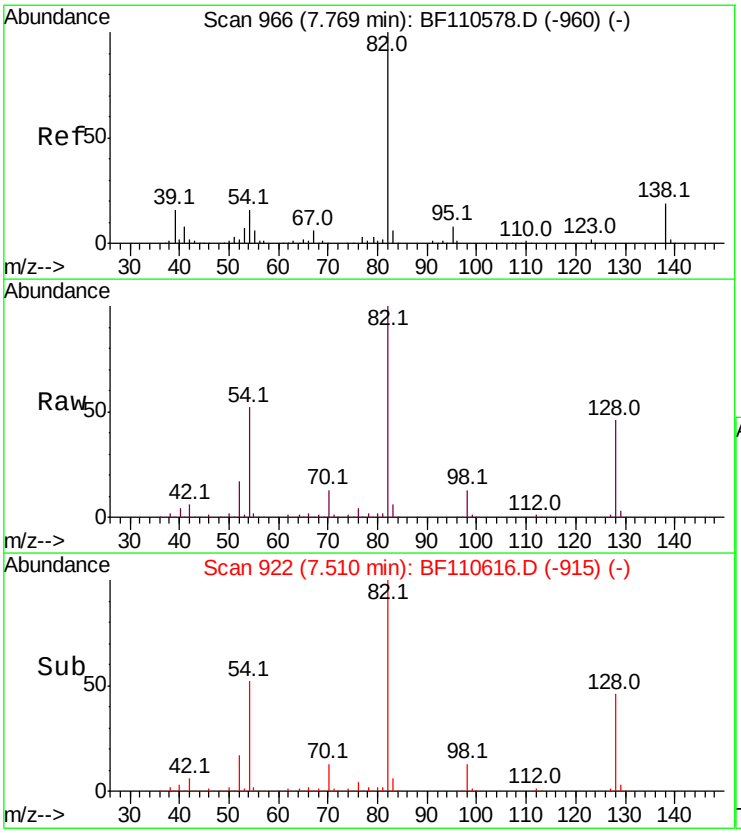
#23
Nitrobenzene-d5
Concen: 73.819 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 402820

Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.2	51.2
54	52.0	38.6	58.0

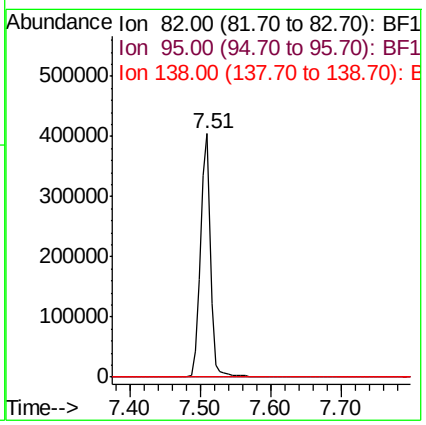


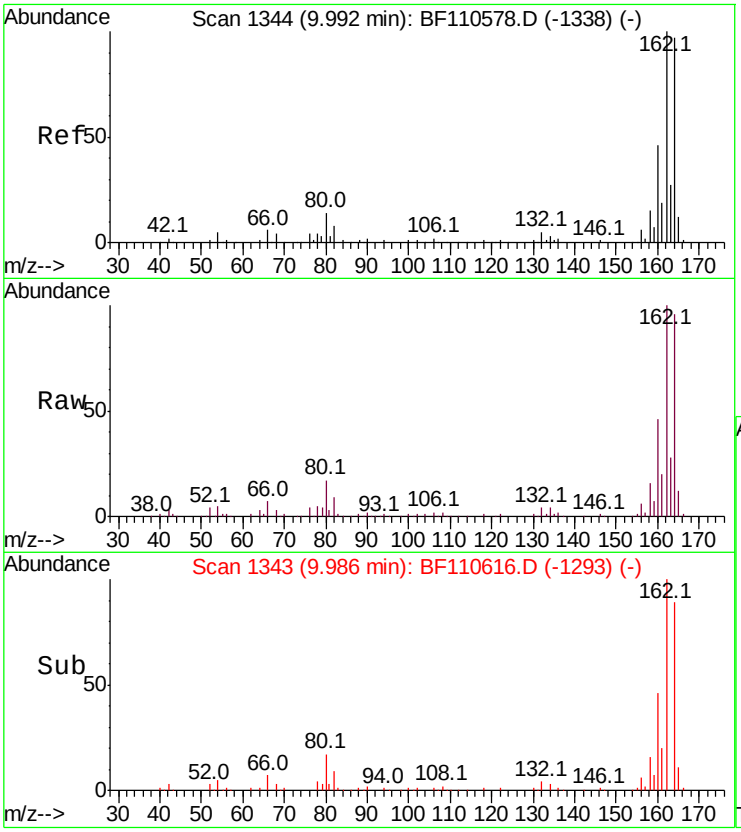


#25
Isophorone
Concen: 45.038 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Tgt Ion: 82 Resp: 402818

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



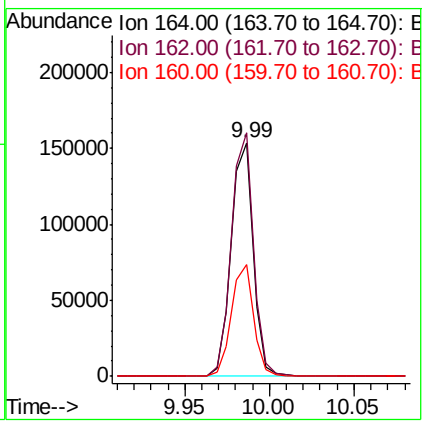


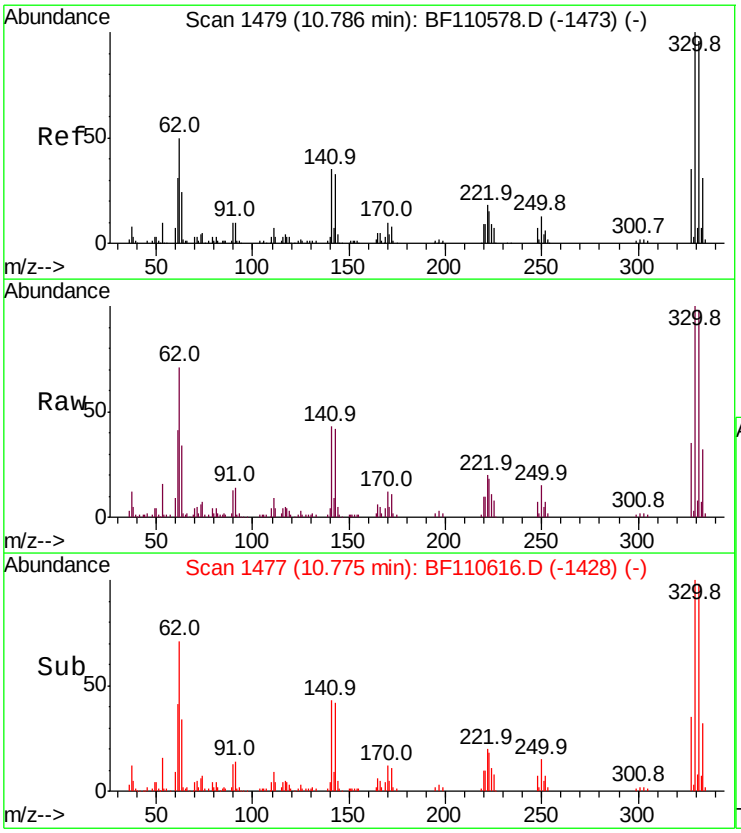
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 138911

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.6
160	48.0	37.0	55.6

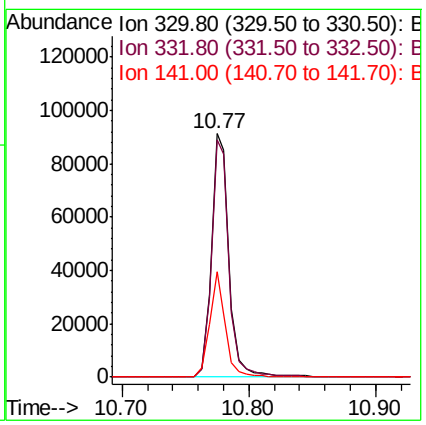


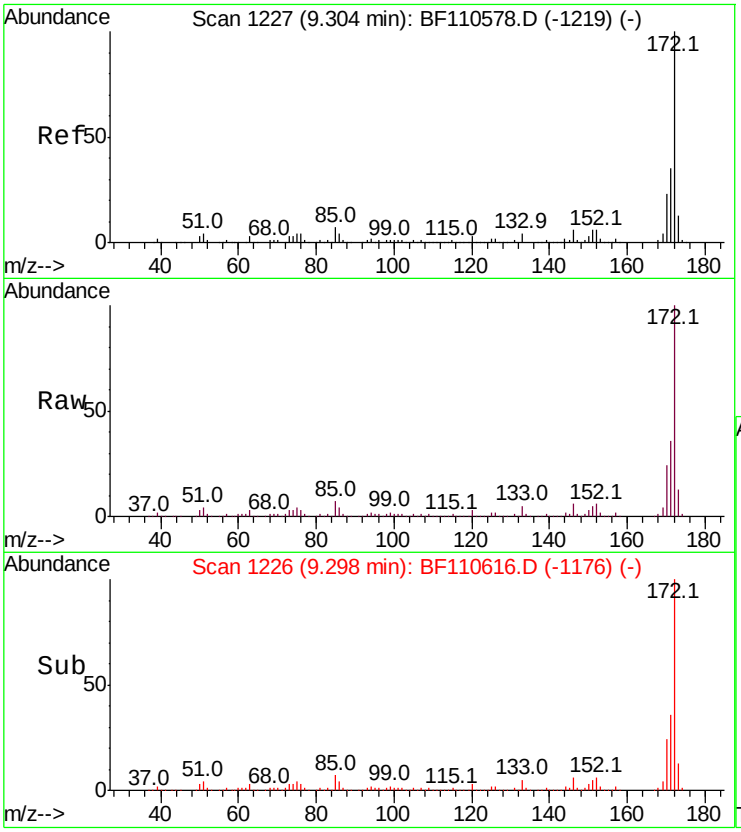


#42
2,4,6-Tribromophenol
Concen: 63.829 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Tgt Ion:330 Resp: 89342

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	38.3	27.0	40.4



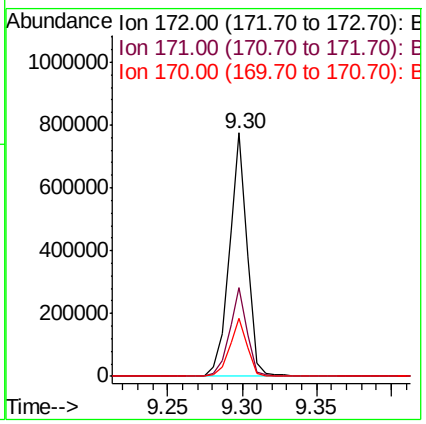


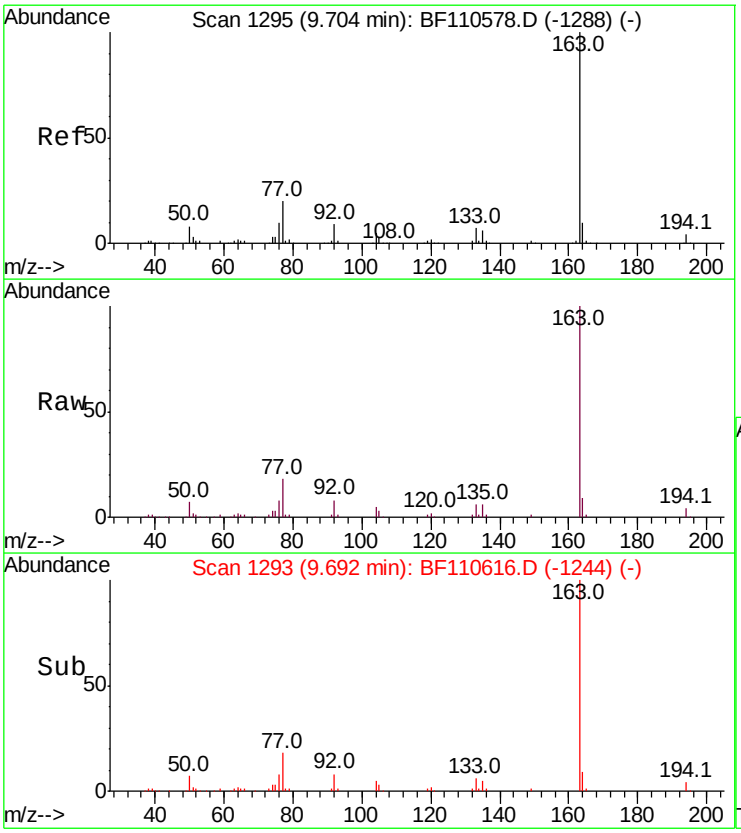
#45
2-Fluorobiphenyl
Concen: 67.452 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 656071

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	23.8	19.7	29.5

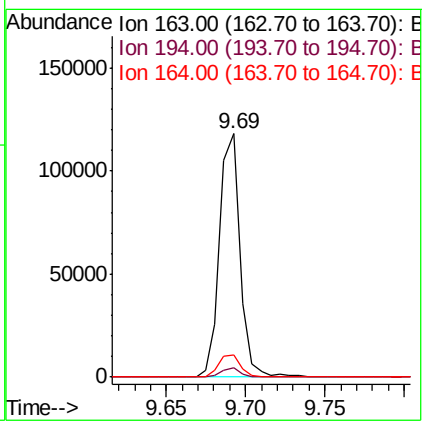


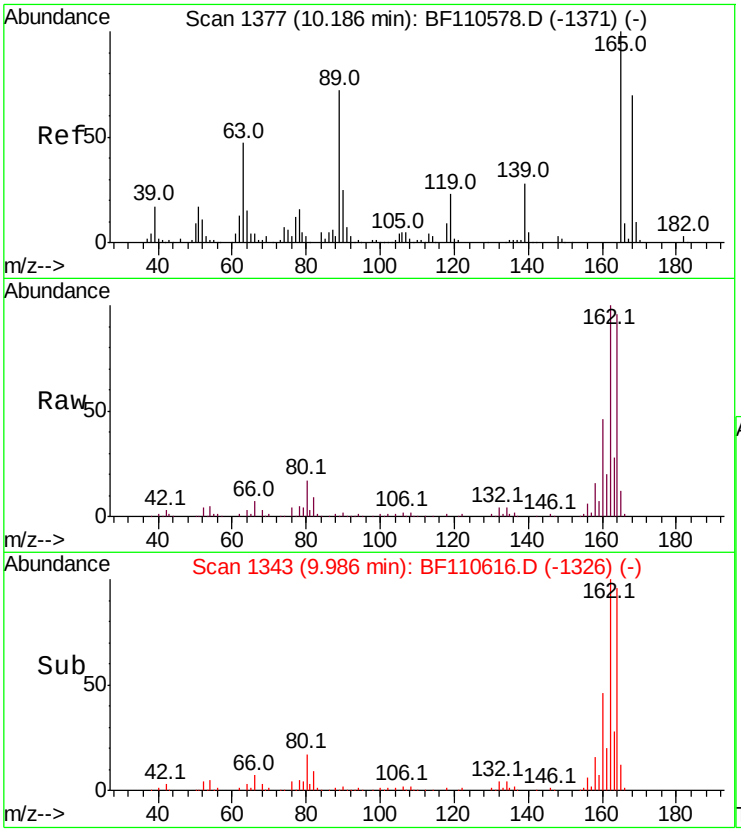


#50
Dimethylphthalate
Concen: 10.247 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Tgt Ion:163 Resp: 106208

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.3	8.1	12.1



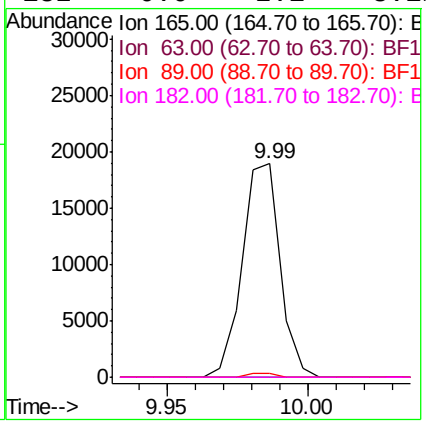


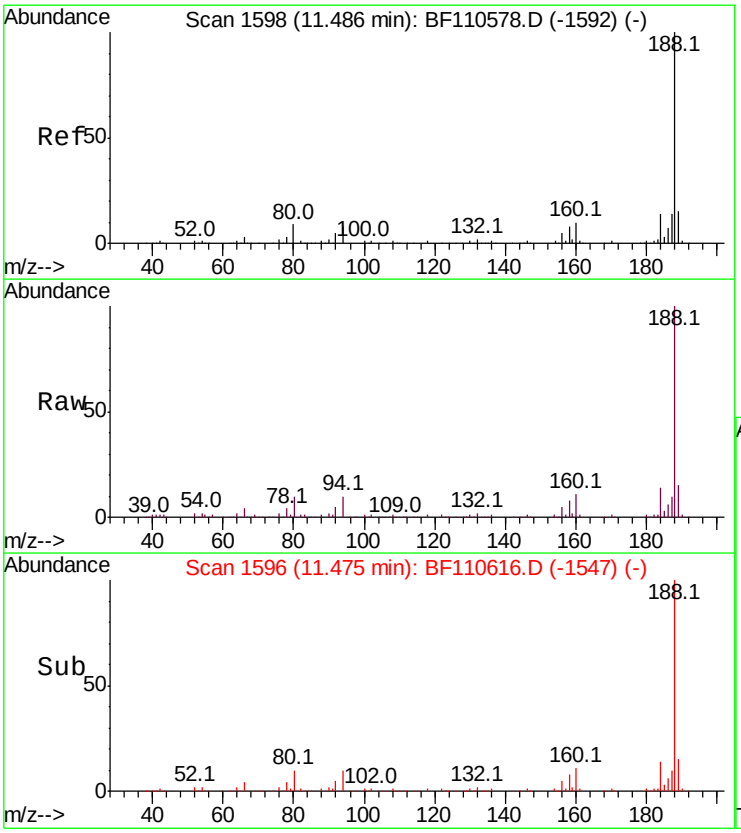
#57
2,4-Dinitrotoluene
Concen: 5.944 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.20 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 17622

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	2.0	62.2	93.4#
182	0.0	2.1	3.1#

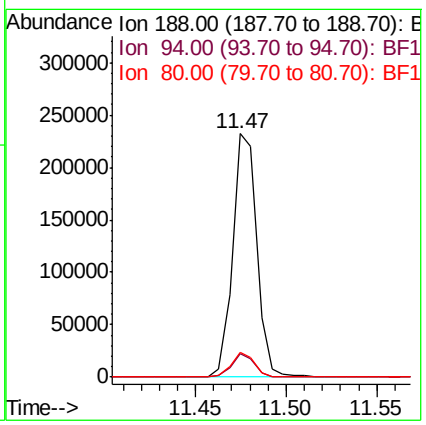


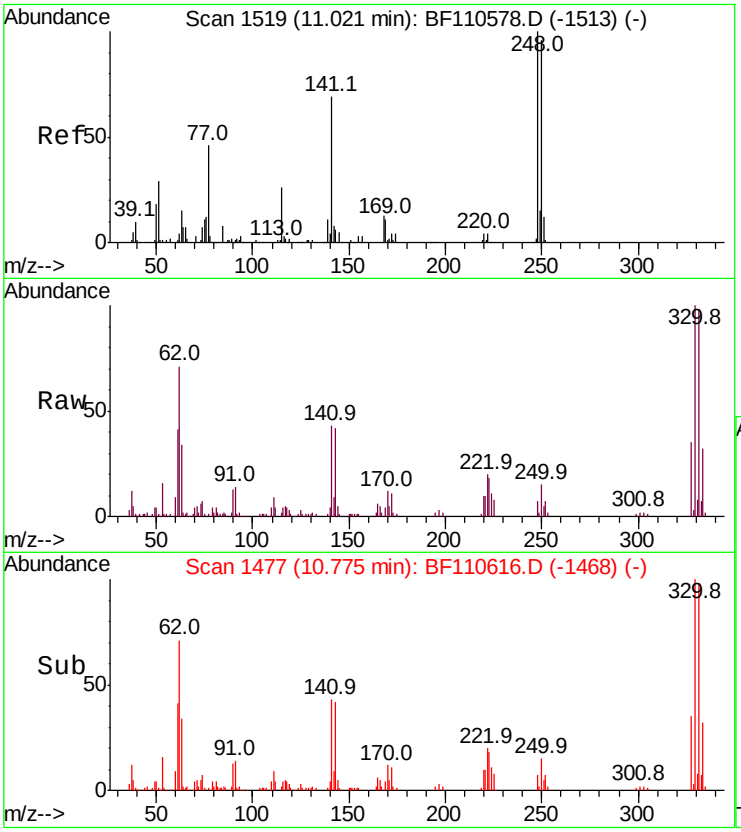


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Tgt Ion:188 Resp: 216414

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.2	10.8
80	10.2	7.9	11.9



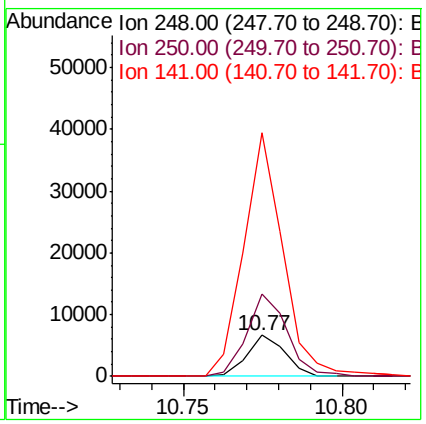


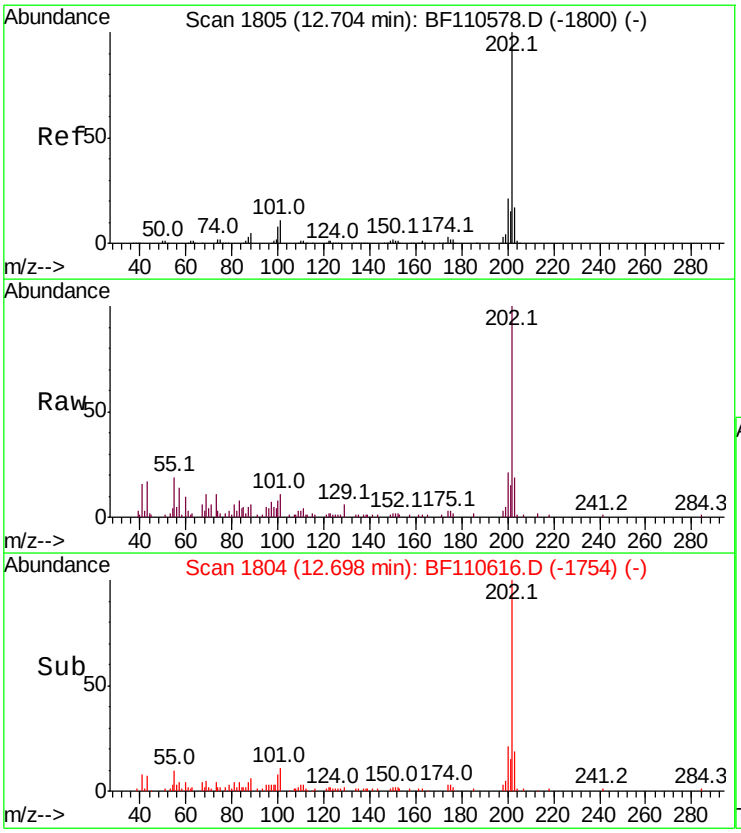
#67
4-Bromophenyl-phenylether
Concen: 2.298 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 5496

Ion	Ratio	Lower	Upper
248	100		
250	202.1	79.4	119.2#
141	597.0	55.9	83.9#

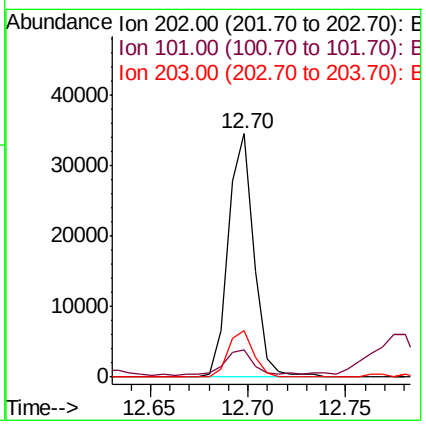


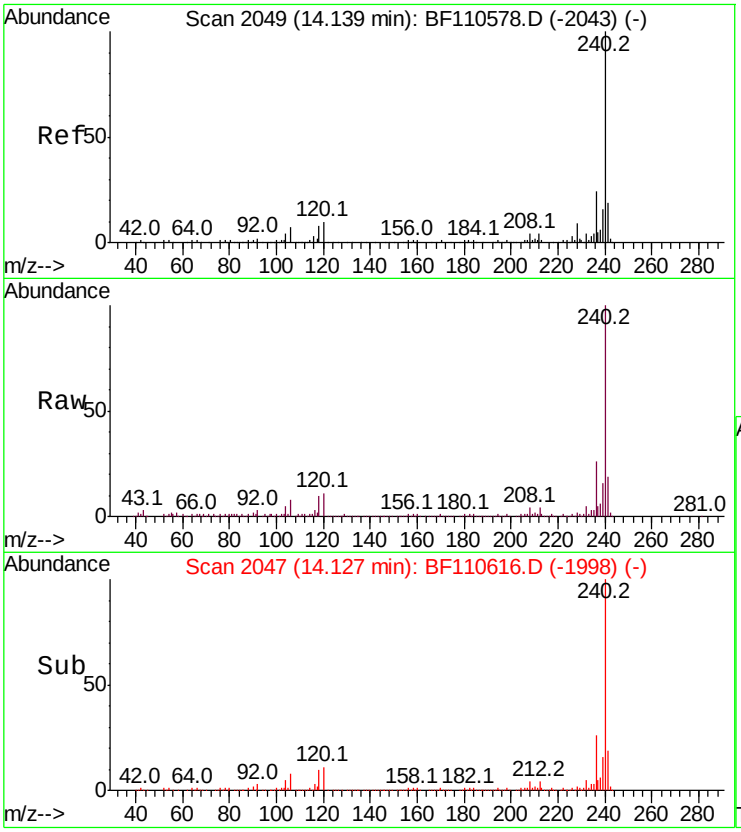


#75
Fluoranthene
Concen: 2.696 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Tgt Ion:202 Resp: 31336

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.4
203	19.1	0.0	37.7



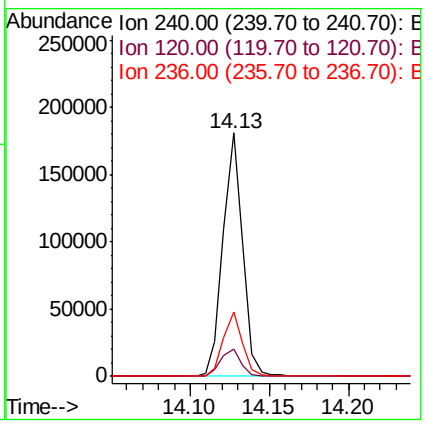


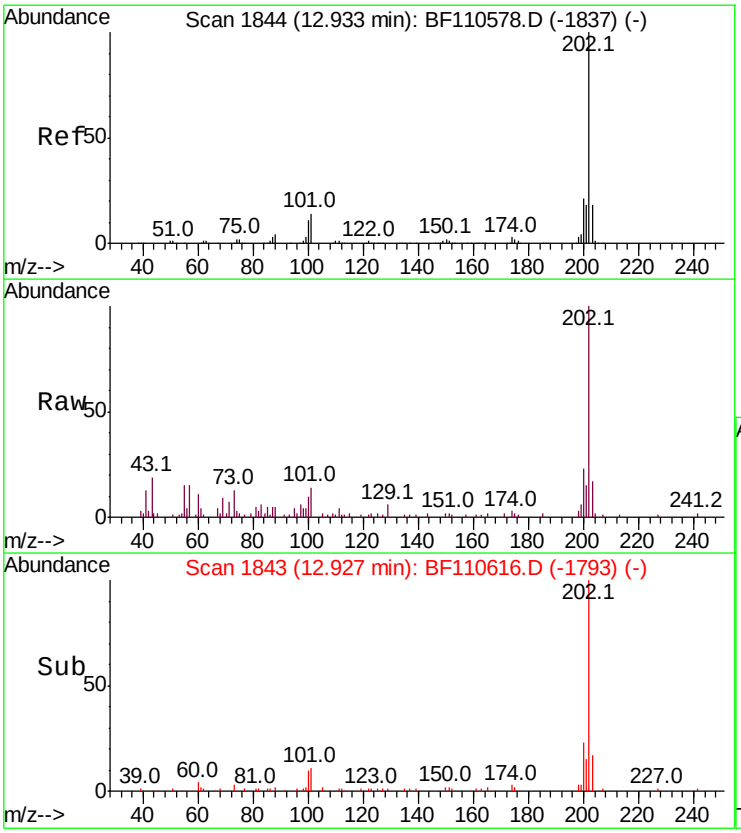
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 155265

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.3	12.5
236	26.4	21.2	31.8

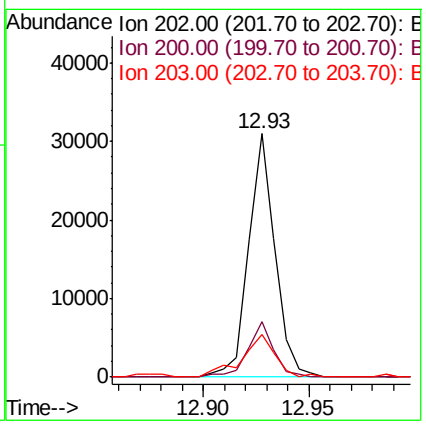


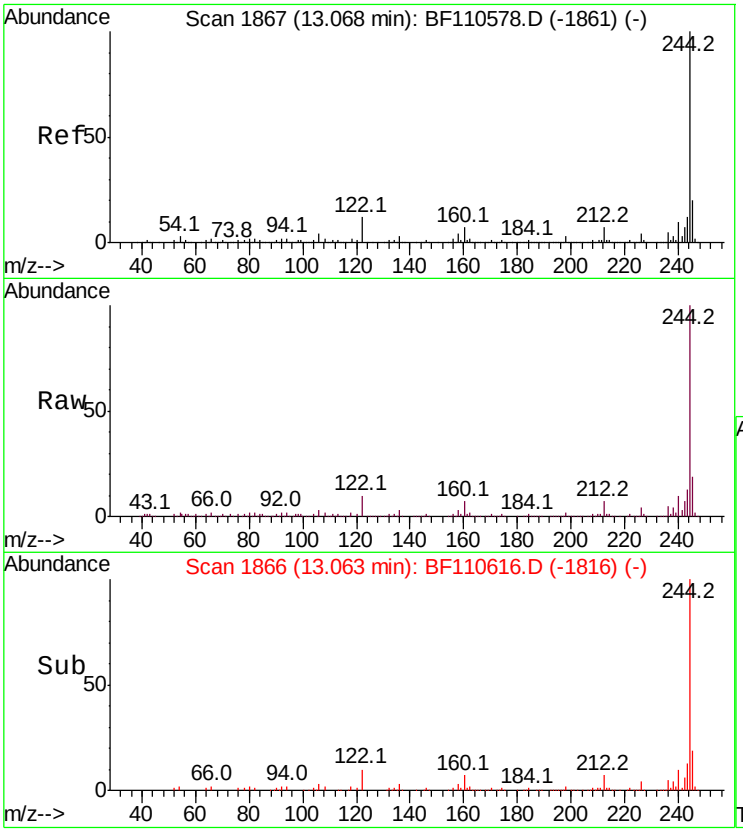


#78
Pyrene
Concen: 2.262 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Tgt Ion:202 Resp: 27043

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.8	26.6
203	17.5	14.2	21.4



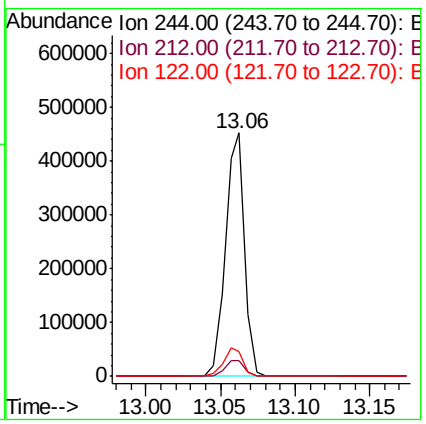


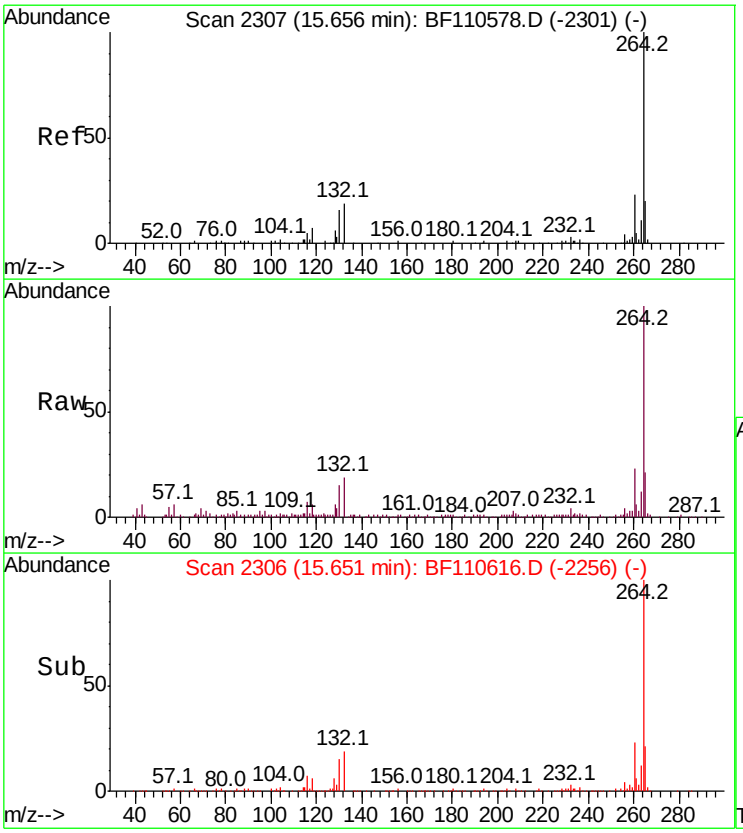
#79
Terphenyl-d14
Concen: 49.403 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 409582

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	9.9	8.7	13.1

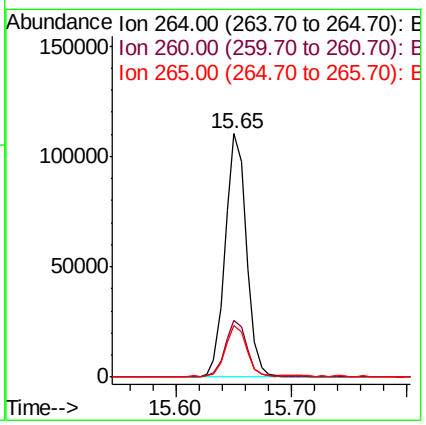


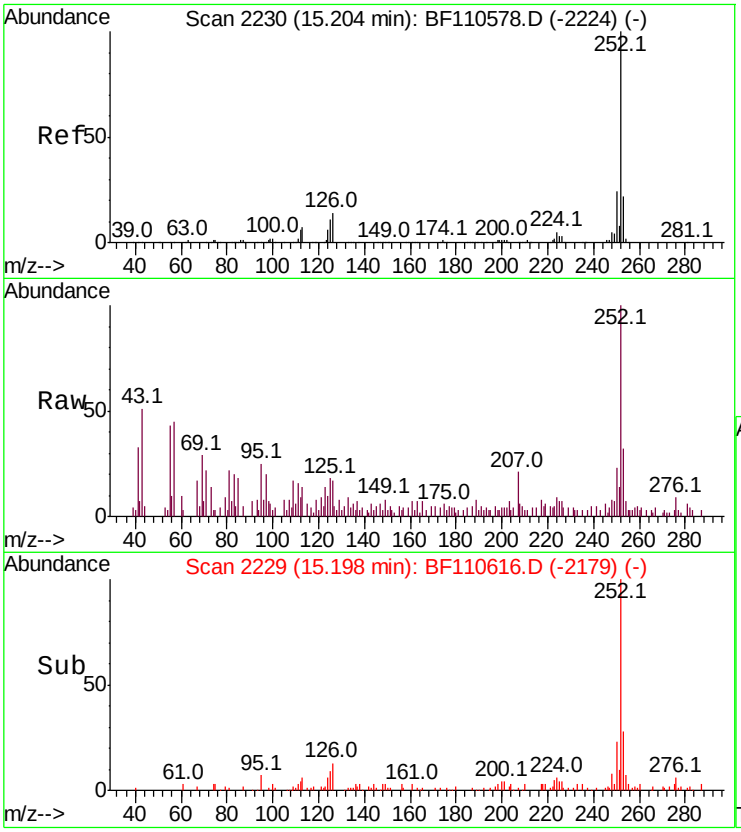


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Tgt Ion:264 Resp: 141210

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.2	16.7	25.1



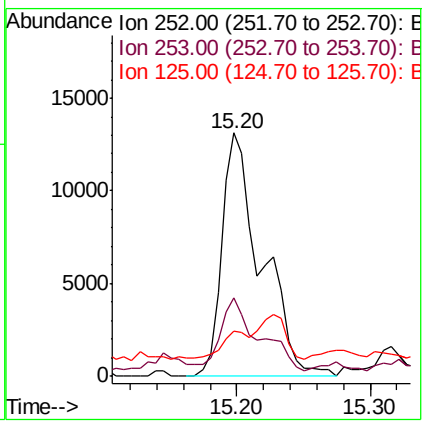


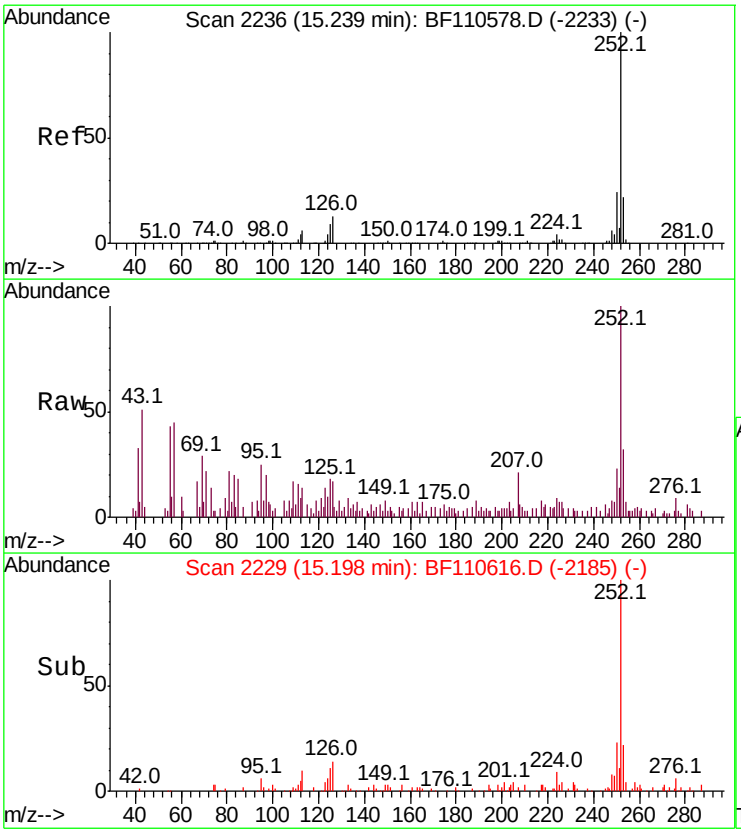
#88
Benzo(b)fluoranthene
Concen: 3.208 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 27101

Ion	Ratio	Lower	Upper
252	100		
253	32.2	17.2	25.8#
125	18.4	8.2	12.4#





#89
Benzo(k)fluoranthene
Concen: 3.247 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.04 min
Lab File: BF110616.D
Acq: 9 Nov 2018 10:04

Tgt Ion:252 Resp: 27101

Ion	Ratio	Lower	Upper
252	100		
253	32.2	17.2	25.8#
125	18.4	7.4	11.0#