Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102106.D
Acq On : 16 Jan 2018 13:48
Operator : SJ/JU
Sample : J1113-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12-3.5-4.0-DUP

Quant Time: Jan 17 00:39:42 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	177094	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	704330	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	297761	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	455708	20.00	ng	0.00
75) Chrysene-d12	13.87	240	290709	20.00	ng	-0.01
86) Perylene-d12	15.28	264	256879	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1090536	86.96	ng	0.01
7) Phenol-d6	6.36	99	1307660	87.39	ng	0.00
23) Nitrobenzene-d5	7.29	82	835422	69.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	251789	96.90	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1311114	68.79	ng	-0.01
78) Terphenyl-d14	12.82	244	873613	62.39	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.37	94	37754	2.233	ng	90
49) Dimethylphthalate	9.47	163	168951	7.073	ng	98

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

Quantitation Report (QT Reviewed)

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SB-12-3.5-4.0-DUP

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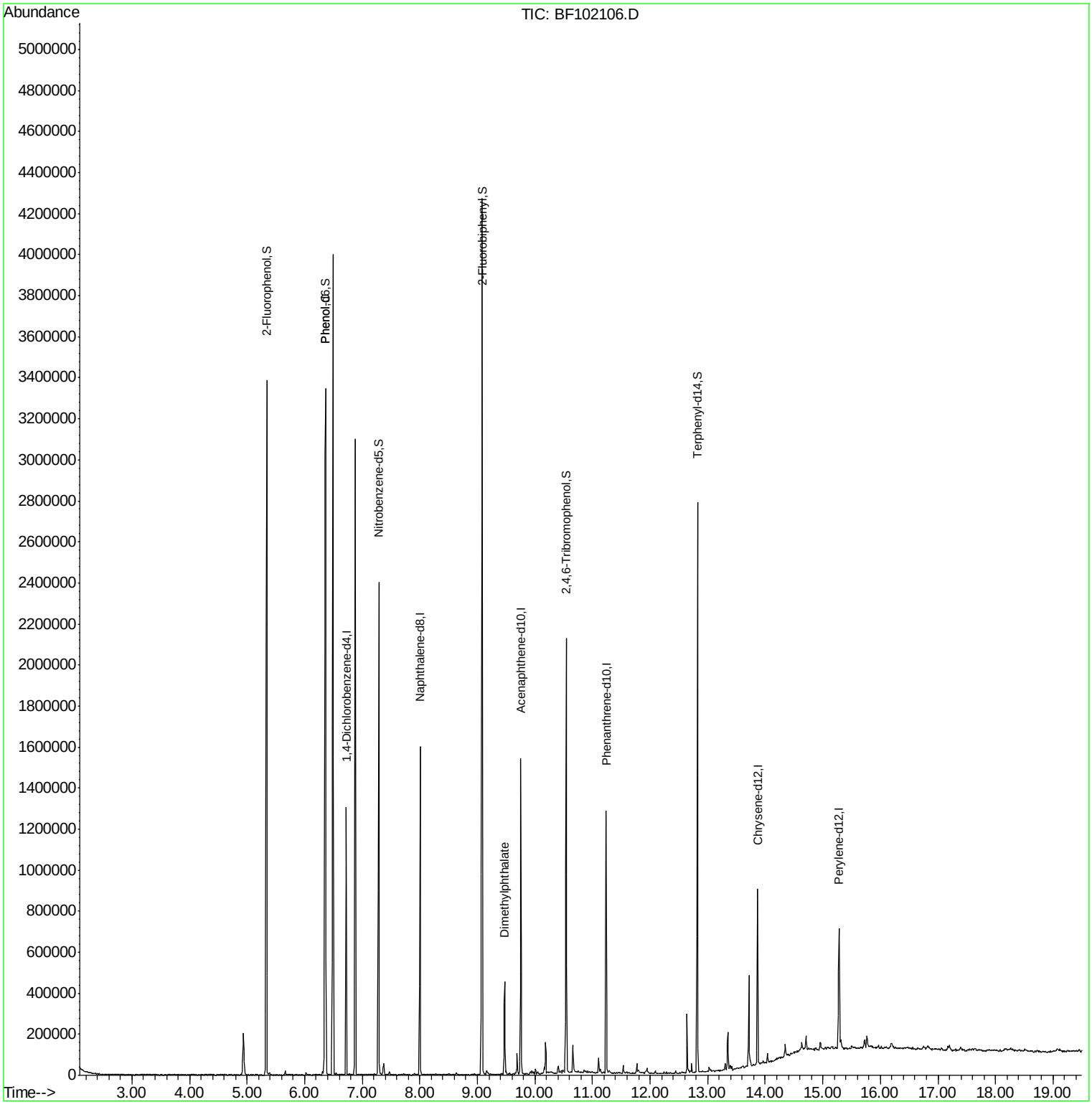
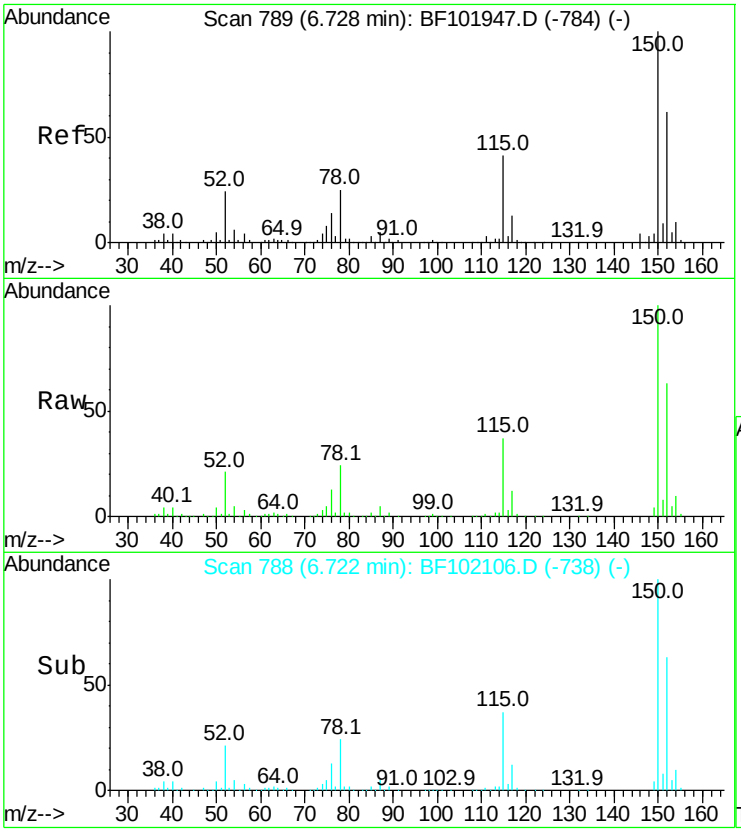


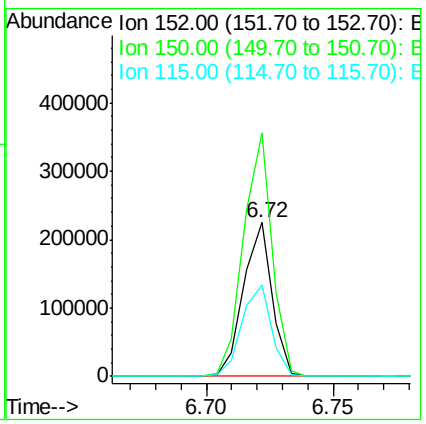


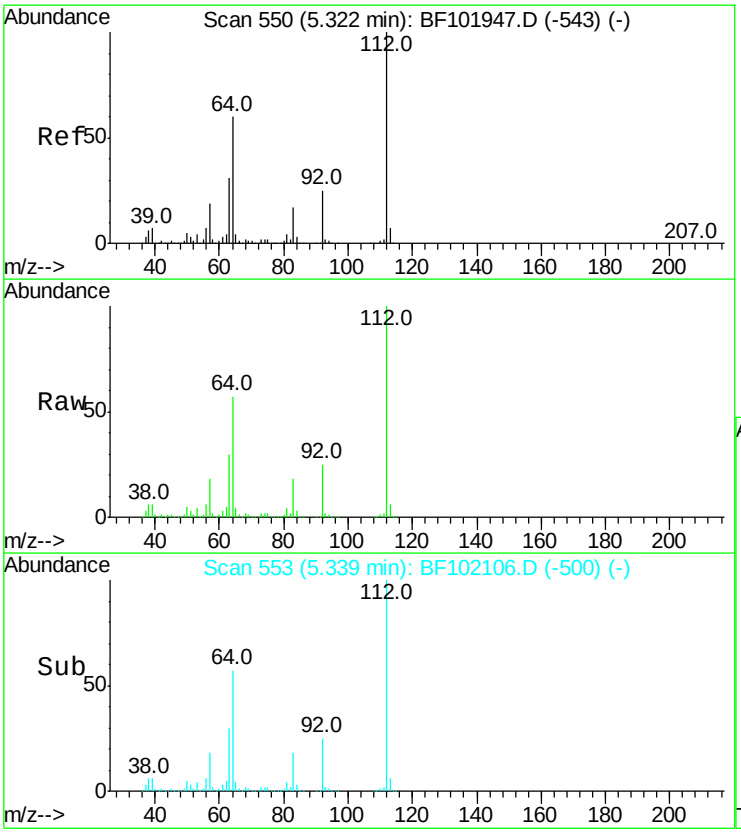
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Instrument :
BNA_F
ClientSampleId :
SB-12-3.5-4.0-DUP

Tgt Ion:152 Resp: 177094

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	59.1	50.1	75.1

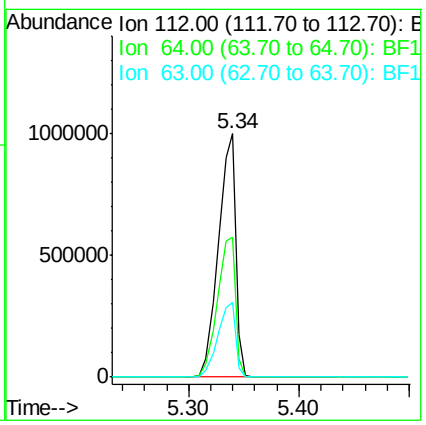


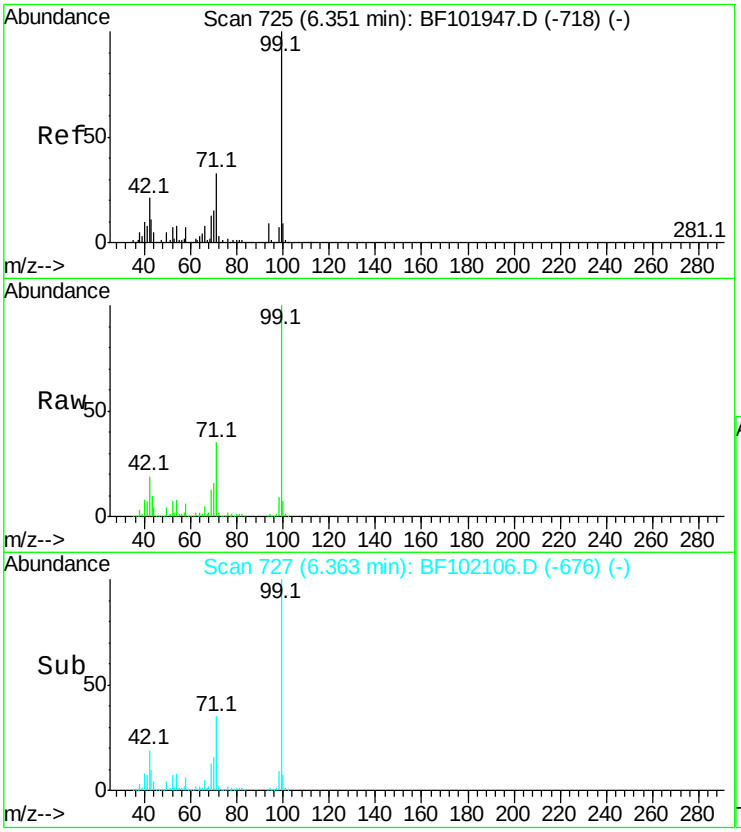


#5
2-Fluorophenol
Concen: 86.955 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Tgt Ion:112 Resp: 1090536

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.9	71.9
63	30.4	23.7	35.5



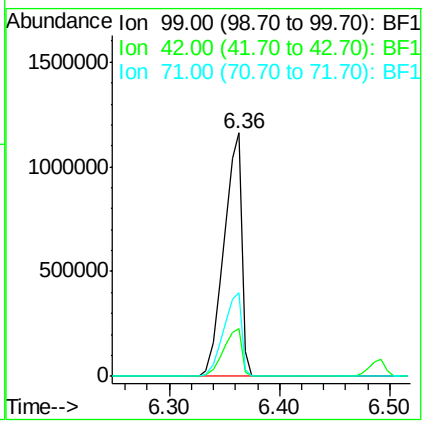


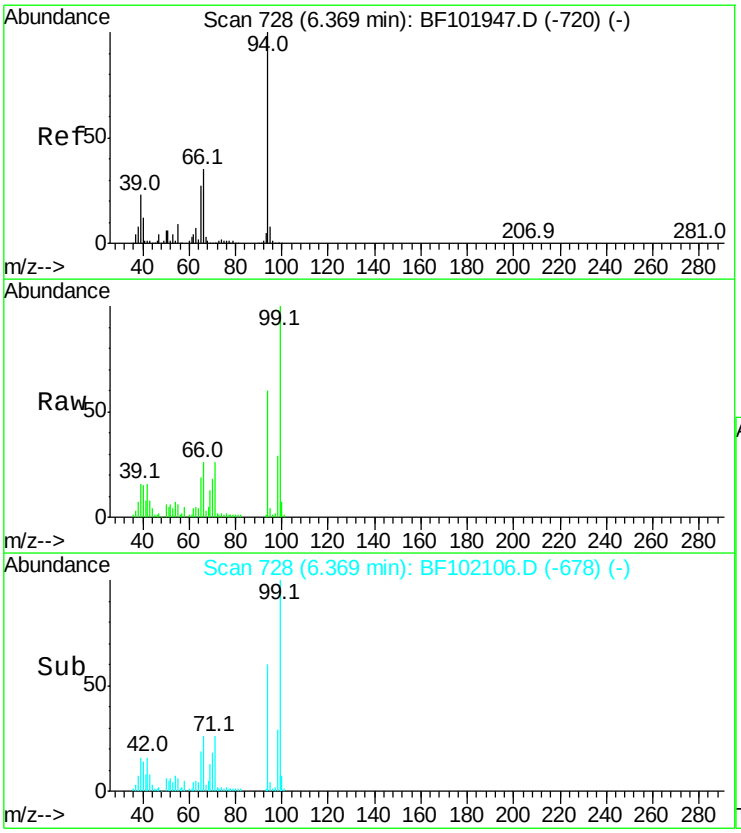
#7
Phenol-d6
Concen: 87.392 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Instrument :
BNA_F
ClientSampleId :
SB-12-3.5-4.0-DUP

Tgt Ion: 99 Resp: 1307660

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	34.5	25.4	38.0

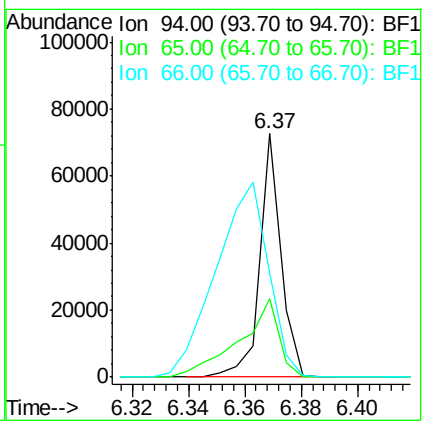


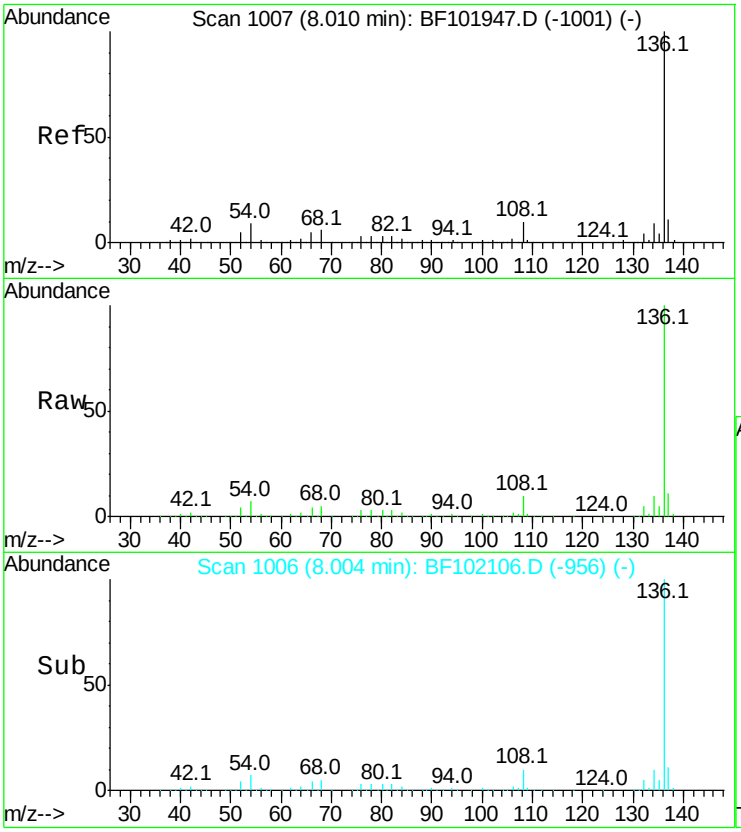


#10
Phenol
Concen: 2.233 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Tgt Ion: 94 Resp: 37754

Ion	Ratio	Lower	Upper
94	100		
65	32.0	7.9	47.9
66	42.9	16.2	56.2



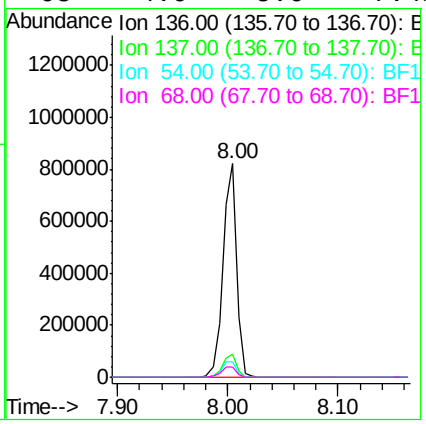


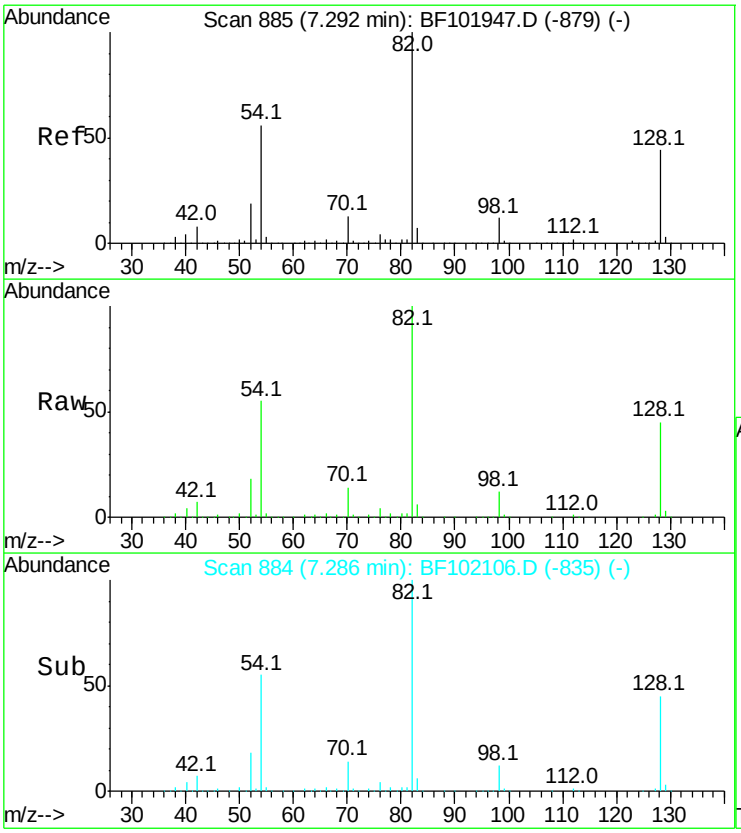
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Instrument :
BNA_F
ClientSampleId :
SB-12-3.5-4.0-DUP

Tgt Ion:136 Resp: 704330

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.4	6.6	9.8
68	4.9	5.0	7.4#

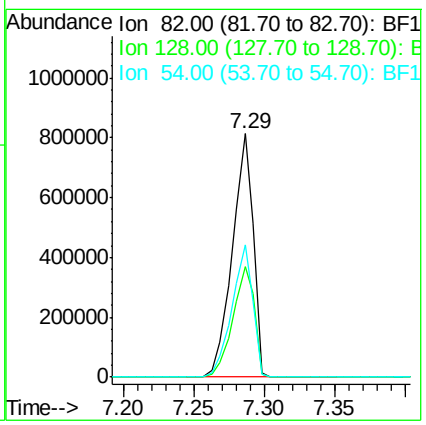


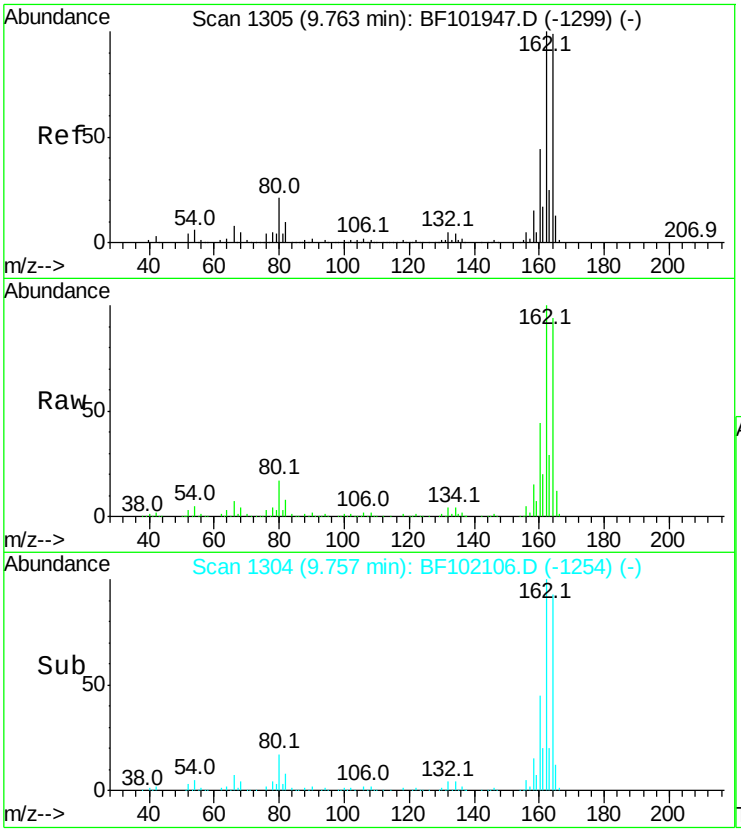


#23
Nitrobenzene-d5
Concen: 69.701 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Tgt Ion: 82 Resp: 835422

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	54.6	41.4	62.2



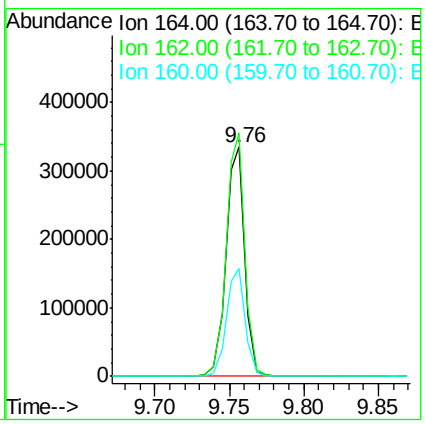


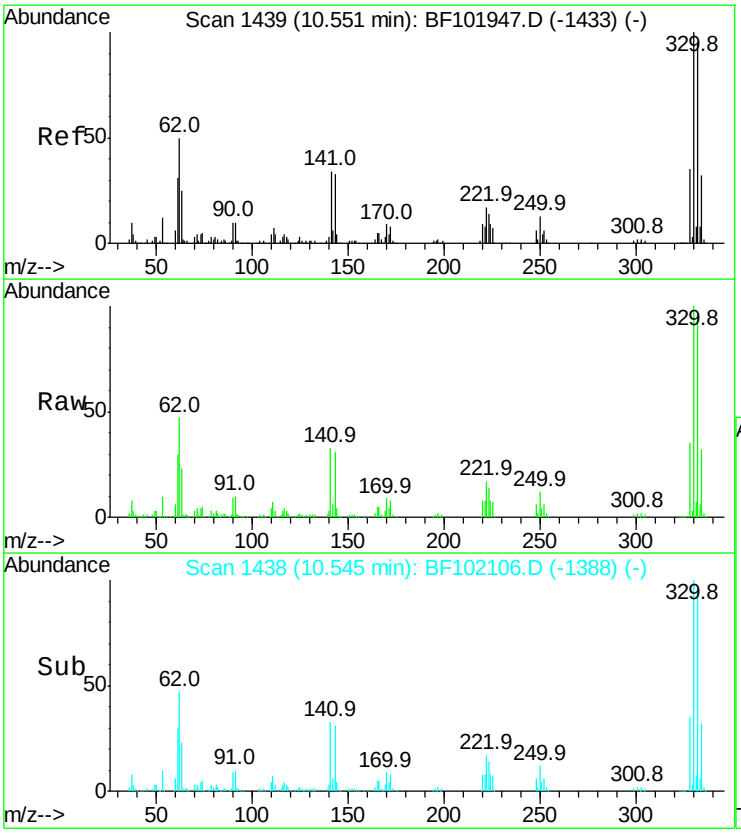
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Instrument :
BNA_F
ClientSampleId :
SB-12-3.5-4.0-DUP

Tgt Ion:164 Resp: 297761

Ion	Ratio	Lower	Upper
164	100		
162	106.2	86.1	129.1
160	47.2	38.3	57.5

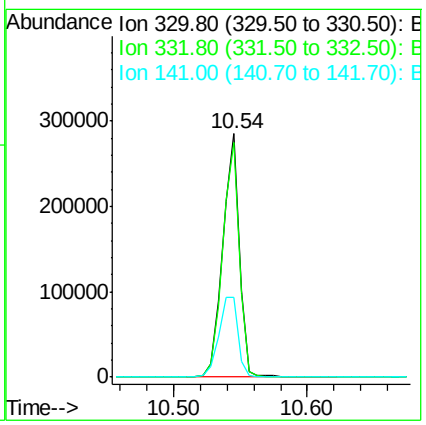


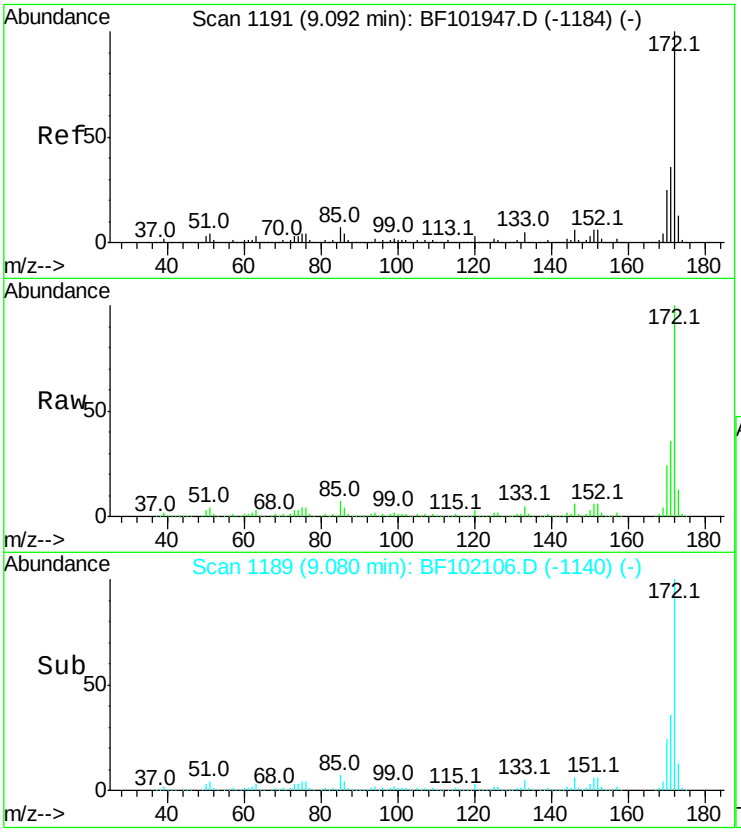


#41
2,4,6-Tribromophenol
Concen: 96.897 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Tgt Ion:330 Resp: 251789

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	37.9	29.9	44.9



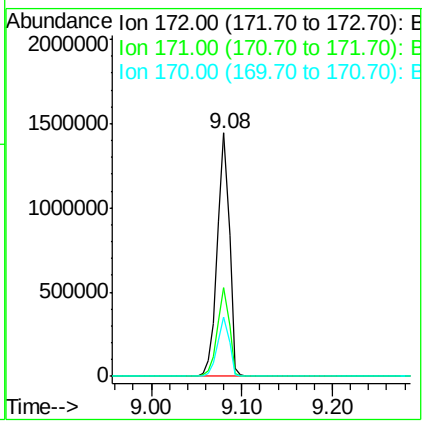


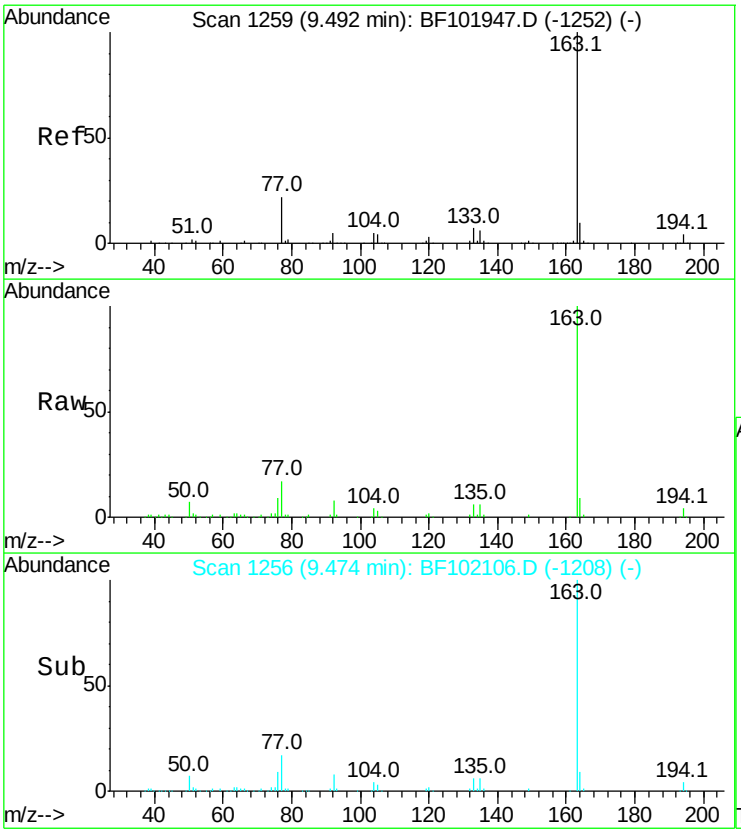
#44
2-Fluorobiphenyl
Concen: 68.791 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Instrument :
BNA_F
ClientSampleId :
SB-12-3.5-4.0-DUP

Tgt Ion:172 Resp: 1311114

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.1	19.6	29.4

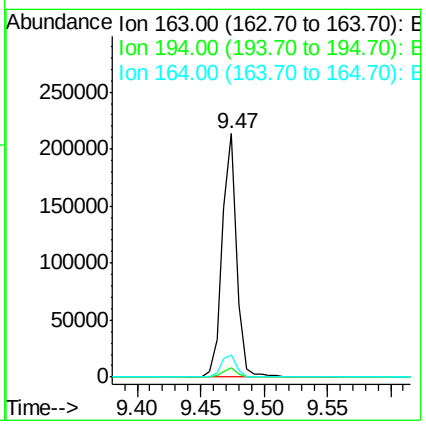


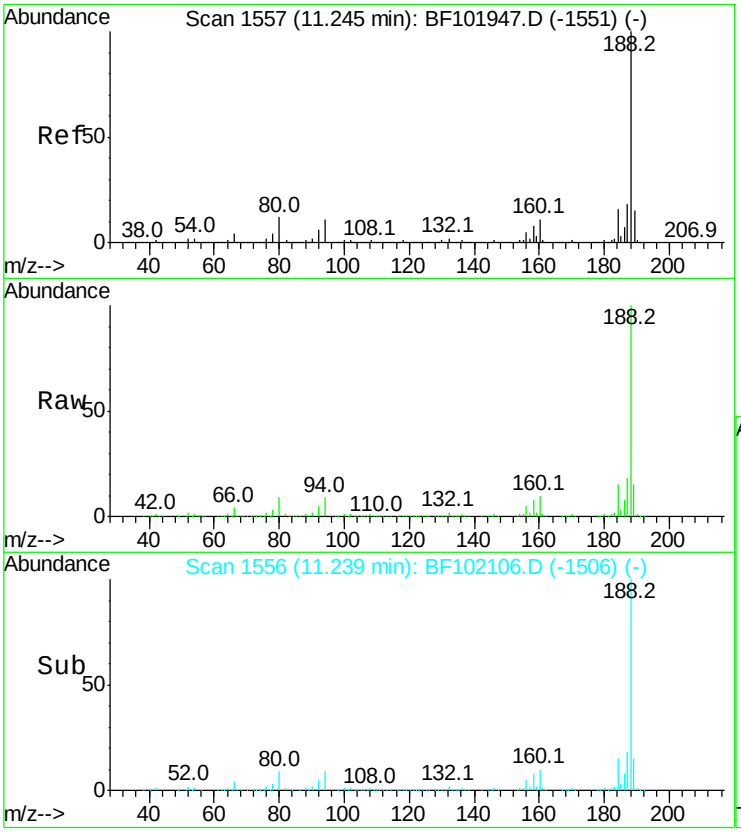


#49
Dimethylphthalate
Concen: 7.073 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Tgt Ion:163 Resp: 168951

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.1	8.2	12.2



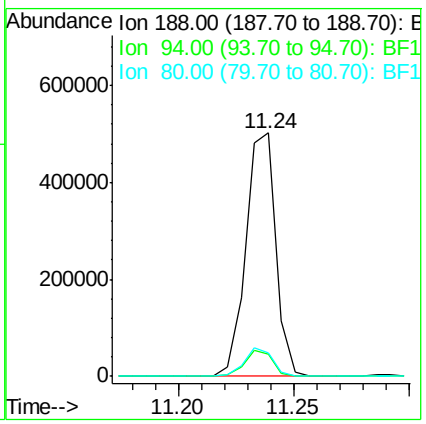


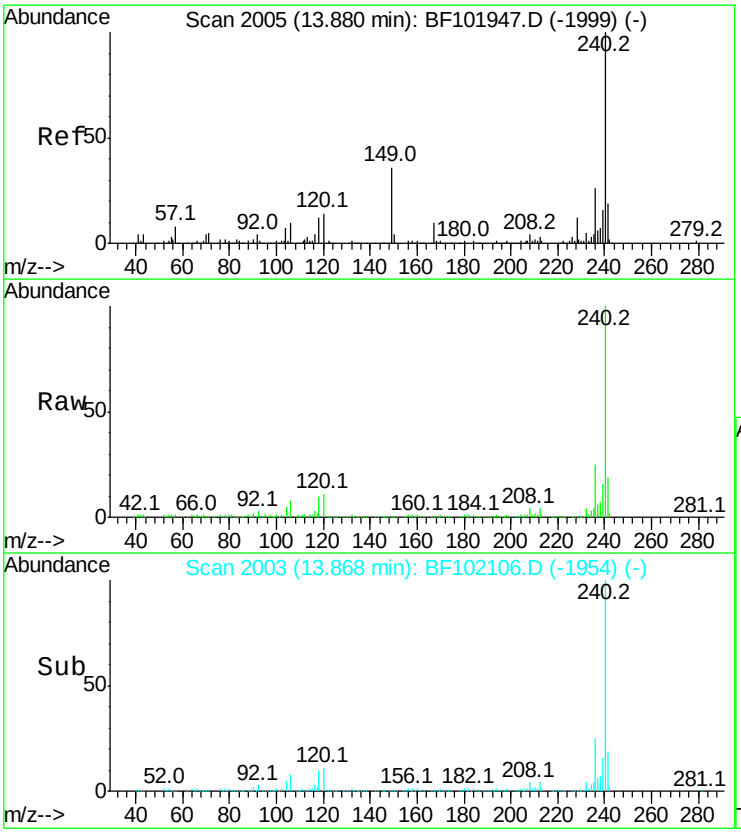
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Instrument :
BNA_F
ClientSampleId :
SB-12-3.5-4.0-DUP

Tgt Ion:188 Resp: 455708

Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.5	9.2	13.8

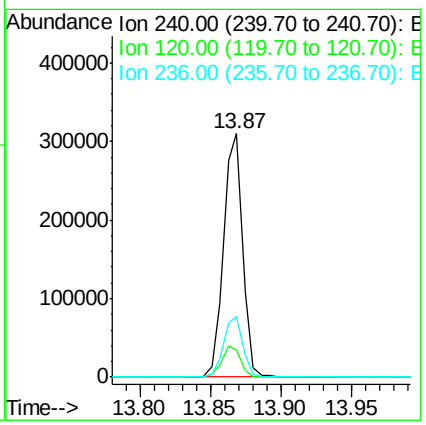


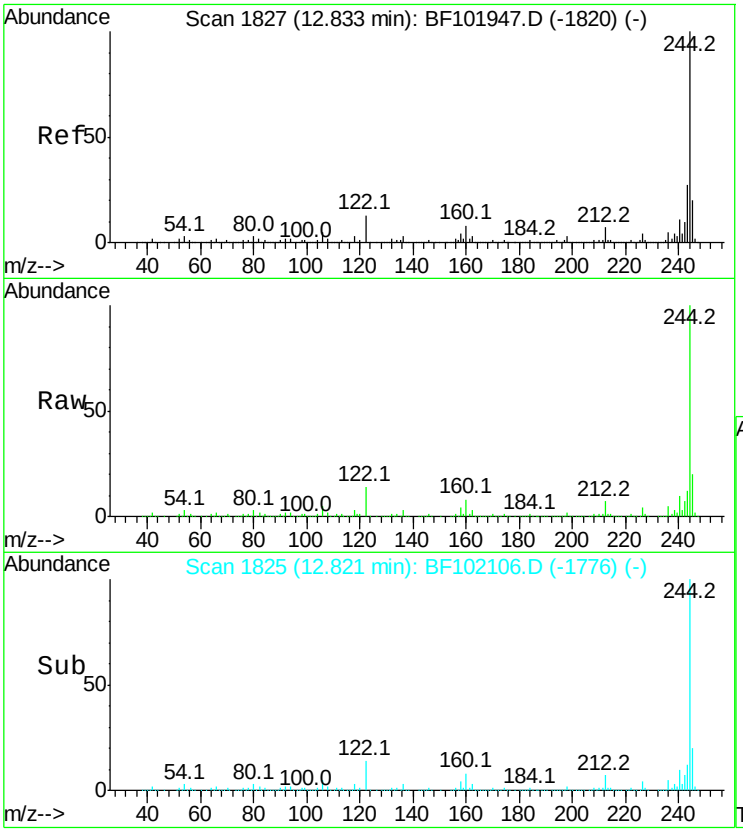


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Tgt Ion:240 Resp: 290709

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	25.0	20.7	31.1



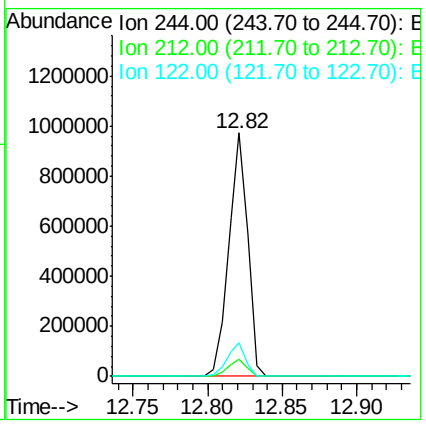


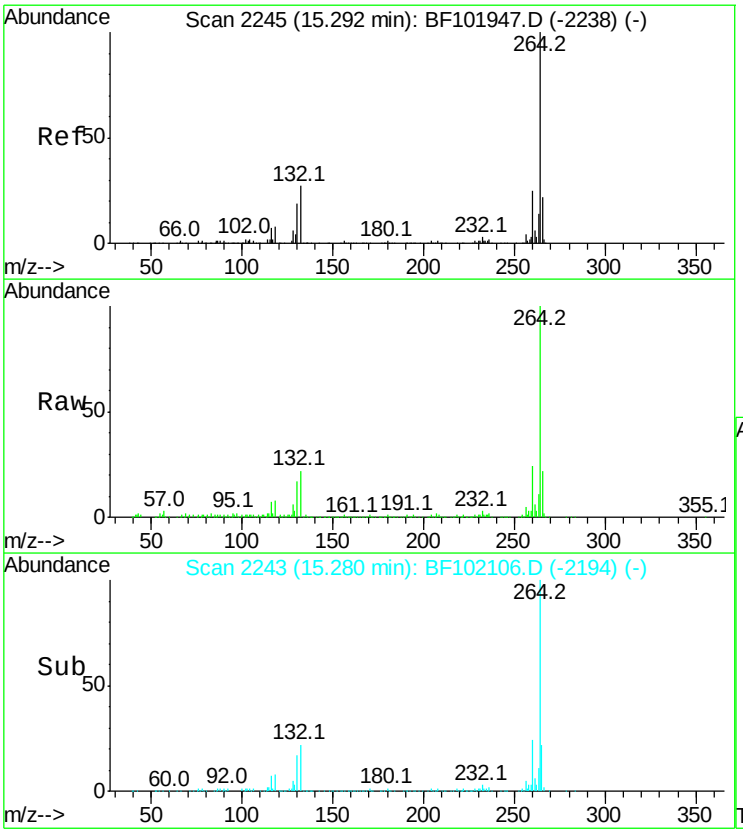
#78
Terphenyl-d14
Concen: 62.394 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Instrument :
BNA_F
ClientSampleId :
SB-12-3.5-4.0-DUP

Tgt Ion:244 Resp: 873613

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF102106.D
Acq: 16 Jan 2018 13:48

Tgt Ion:264 Resp: 256879

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	17.5	26.3