Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112917\
Data File : BF101004.D
Acq On : 30 Nov 2017 4:22
Operator : SJ/JU
Sample : I6613-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BIN-BLOCKS

Quant Time: Nov 30 05:28:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 28 15:21:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54005	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	193472	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	77343	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	125714	20.00	ng	0.00
75) Chrysene-d12	14.02	240	117878	20.00	ng	0.00
86) Perylene-d12	15.49	264	103324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	2433	0.72	ng	0.00
7) Phenol-d6	6.47	99	52856	12.72	ng	-0.02
23) Nitrobenzene-d5	7.42	82	228110	77.95	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.21	172	459301	90.43	ng	0.00
78) Terphenyl-d14	12.96	244	364669	71.08	ng	0.00

Target Compounds	Qvalue

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

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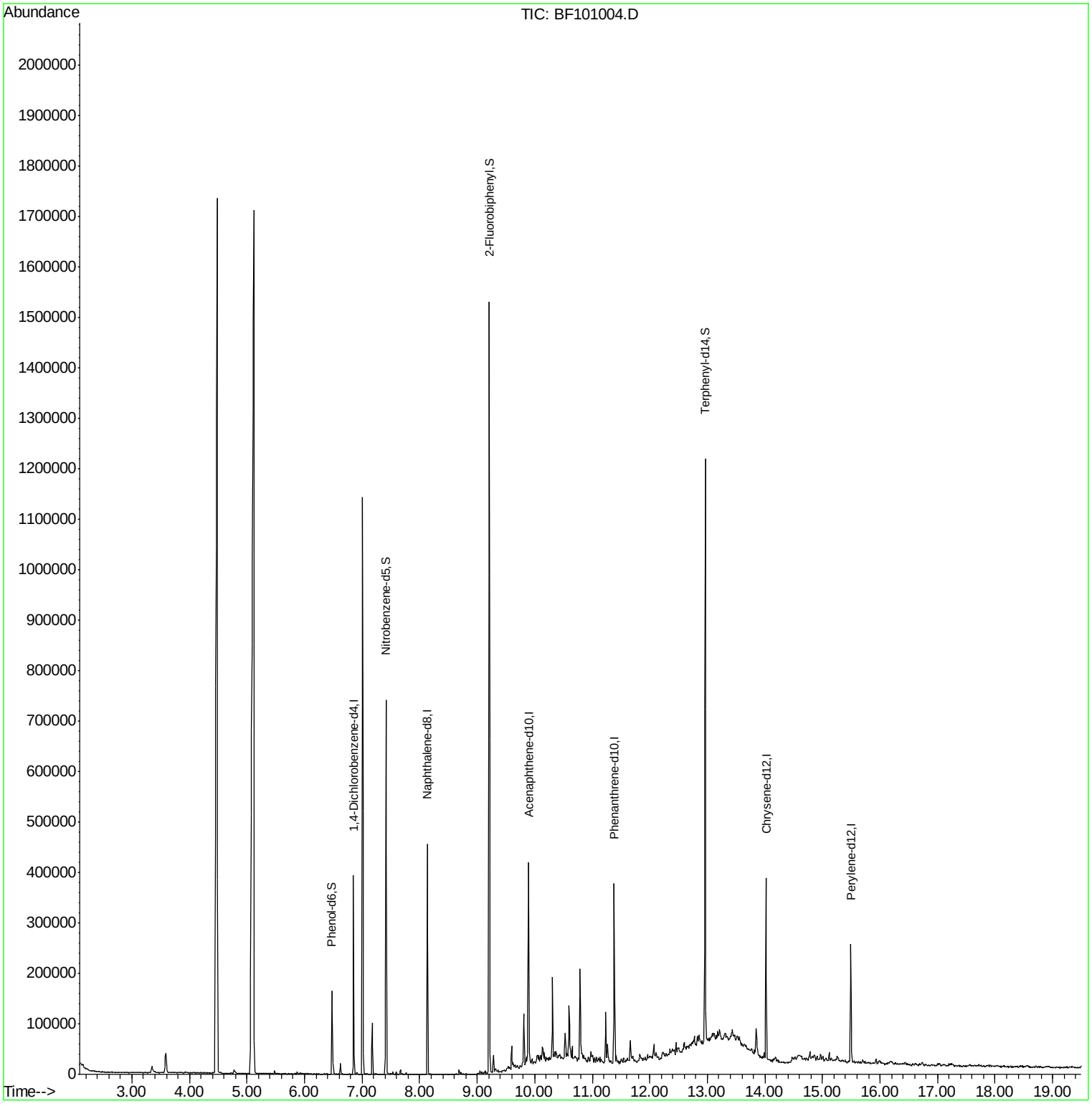
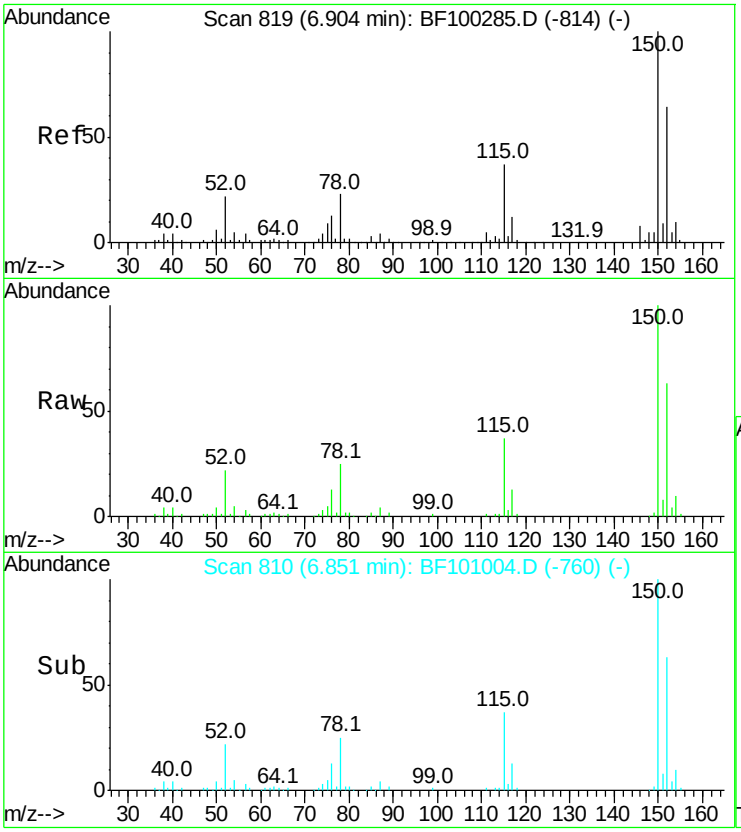


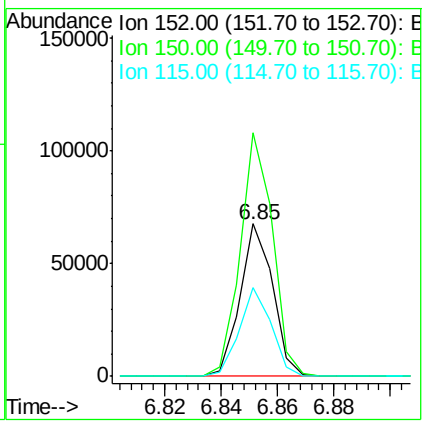


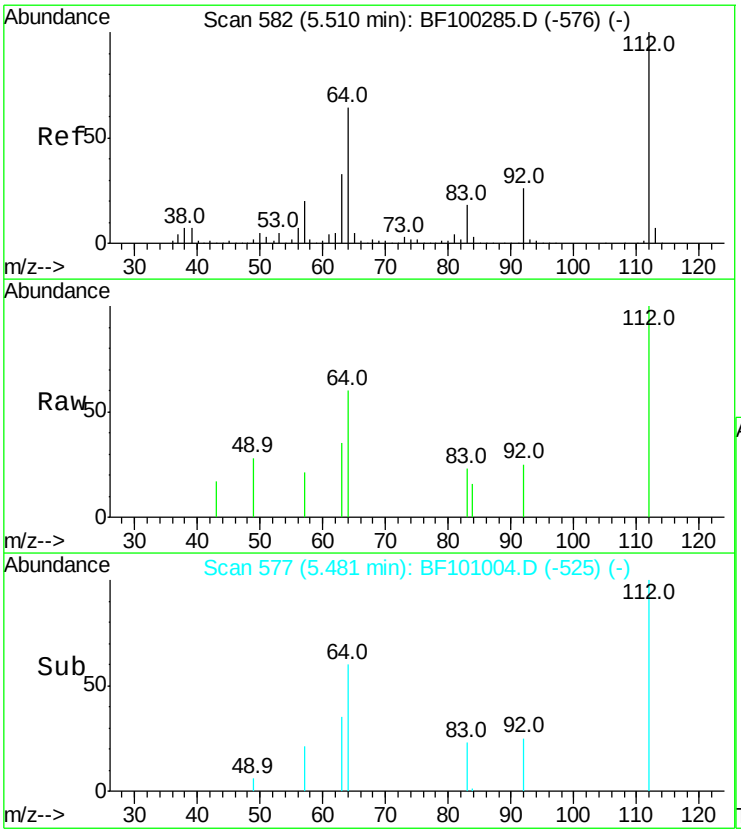
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

Instrument :
BNA_F
ClientSampleId :
BIN-BLOCKS

Tgt Ion:152 Resp: 54005

Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	58.5	50.1	75.1

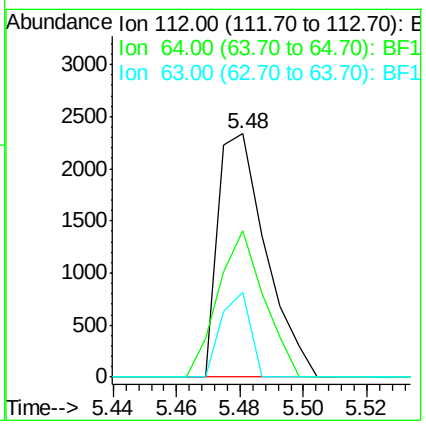


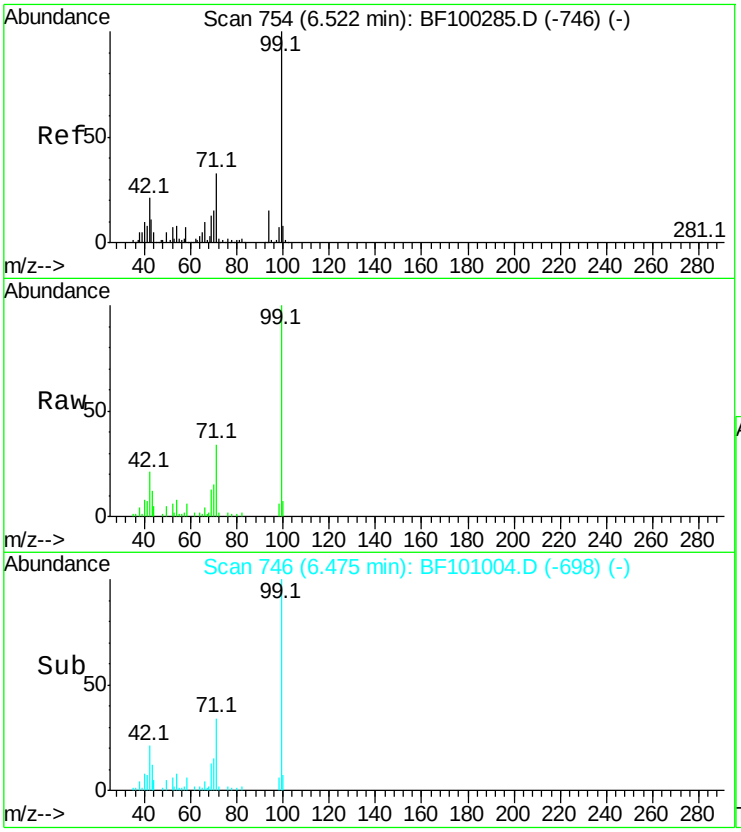


#5
2-Fluorophenol
Concen: 0.722 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

Tgt Ion:112 Resp: 2433

Ion	Ratio	Lower	Upper
112	100		
64	59.9	47.9	71.9
63	34.9	23.7	35.5



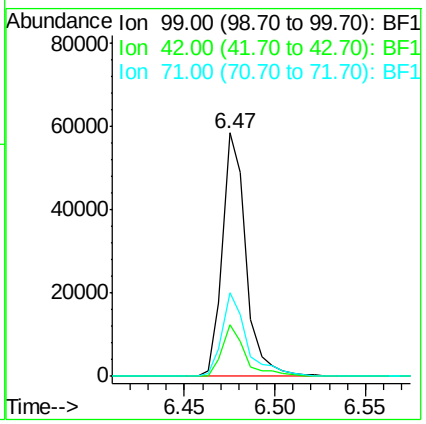


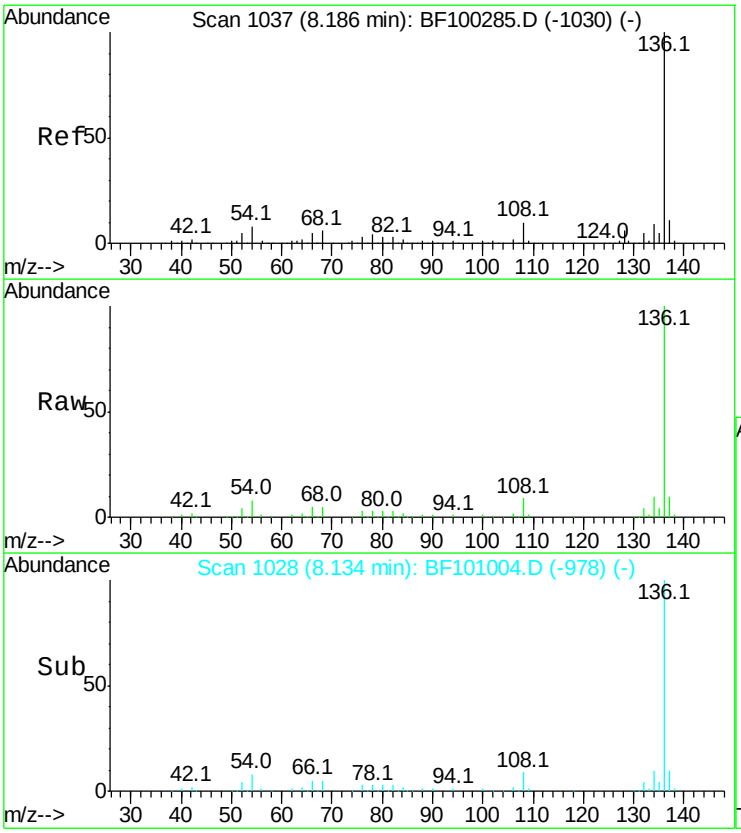
#7
Phenol-d6
Concen: 12.723 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

Instrument :
BNA_F
ClientSampleId :
BIN-BLOCKS

Tgt Ion: 99 Resp: 52856

Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.5	21.7
71	34.2	25.4	38.0

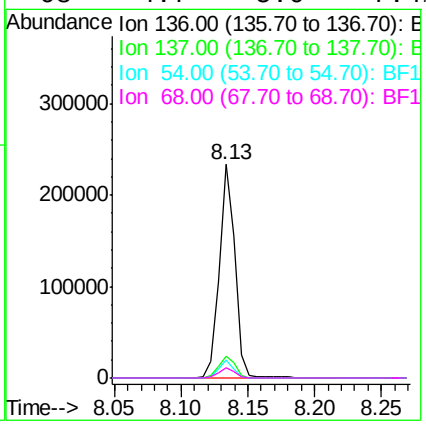


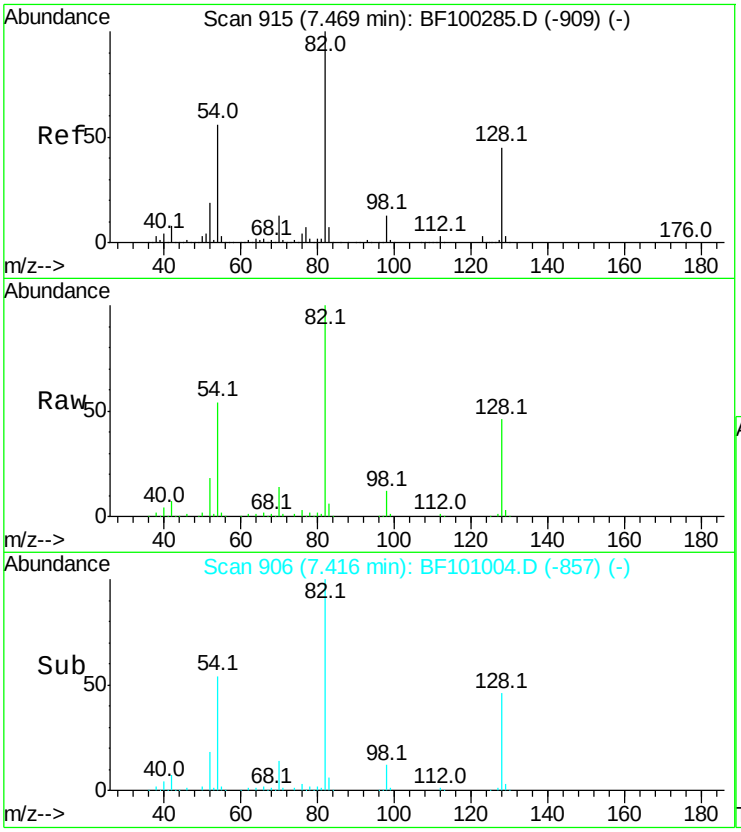


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

Tgt Ion:136 Resp: 193472

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	8.2	6.6	9.8
68	4.7	5.0	7.4#



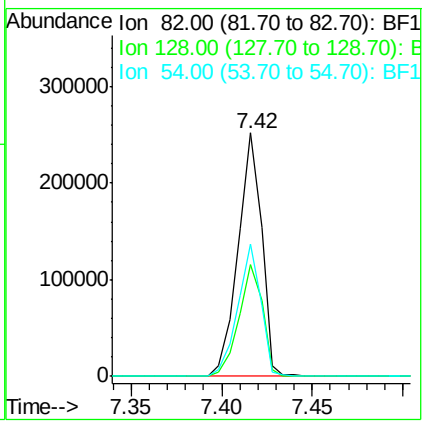


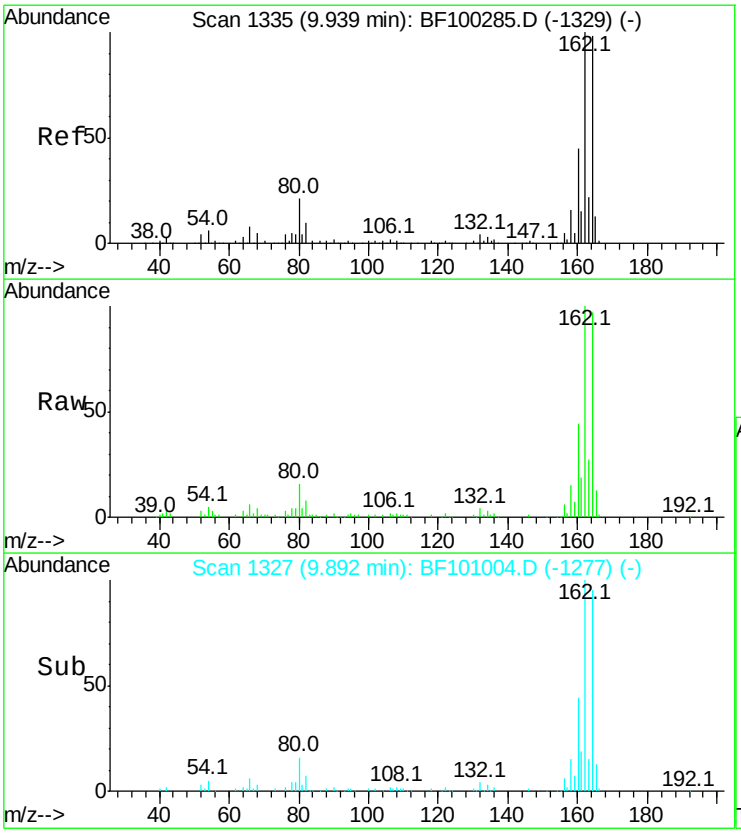
#23
Nitrobenzene-d5
Concen: 77.950 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

Instrument :
BNA_F
ClientSampleId :
BIN-BLOCKS

Tgt Ion: 82 Resp: 228110

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.1	54.1
54	54.2	41.4	62.2

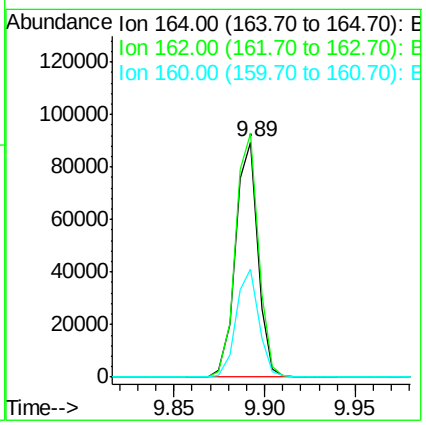


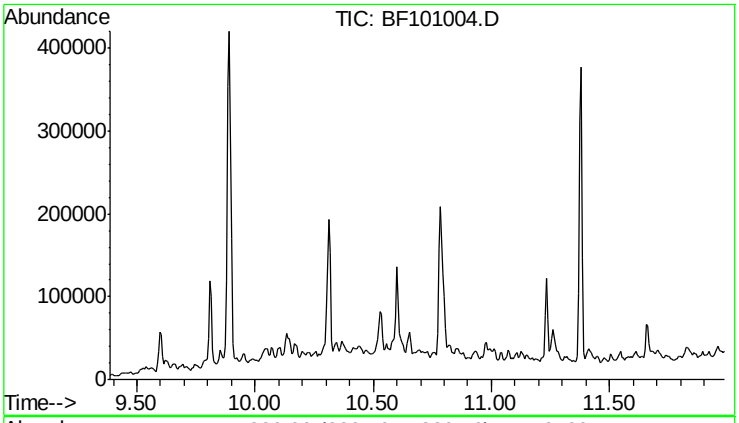


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

Tgt Ion:164 Resp: 77343

Ion	Ratio	Lower	Upper
164	100		
162	103.5	86.1	129.1
160	45.7	38.3	57.5





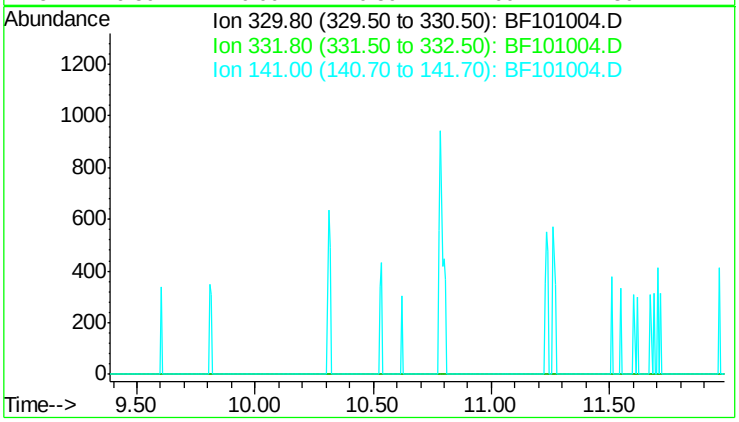
#41
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.69 min

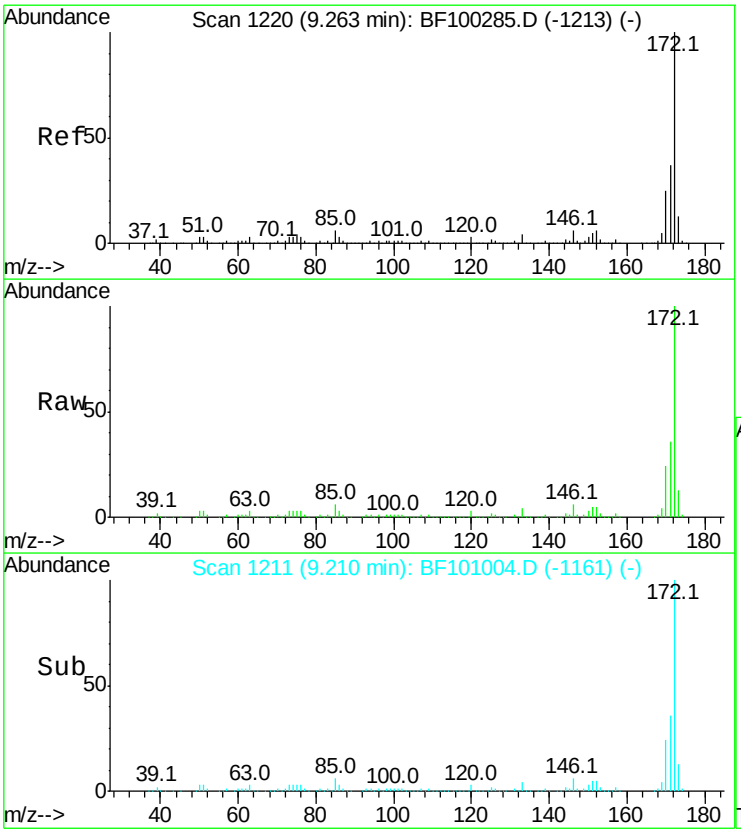
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

Tgt Ion: 330

Sig	Exp	Ratio
330		100
332		96.3
141		37.4

Instrument :
BNA_F
ClientSampleId :
BIN-BLOCKS

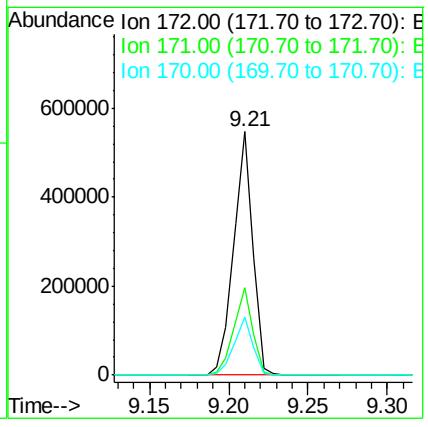


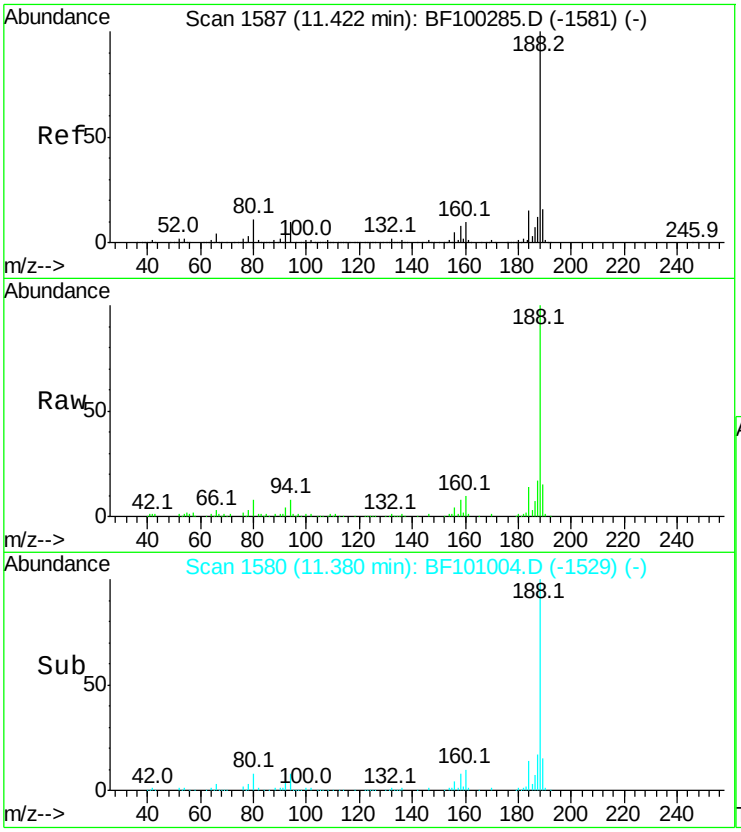


#44
2-Fluorobiphenyl
Concen: 90.426 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

Tgt Ion:172 Resp: 459301

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.8	19.6	29.4



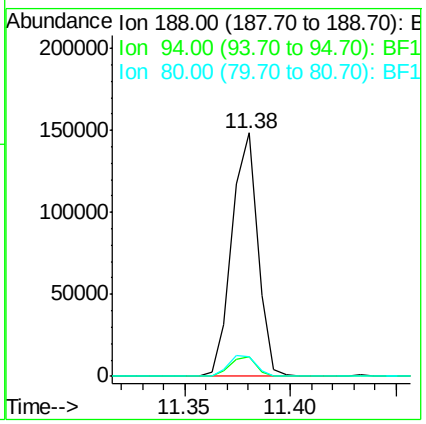


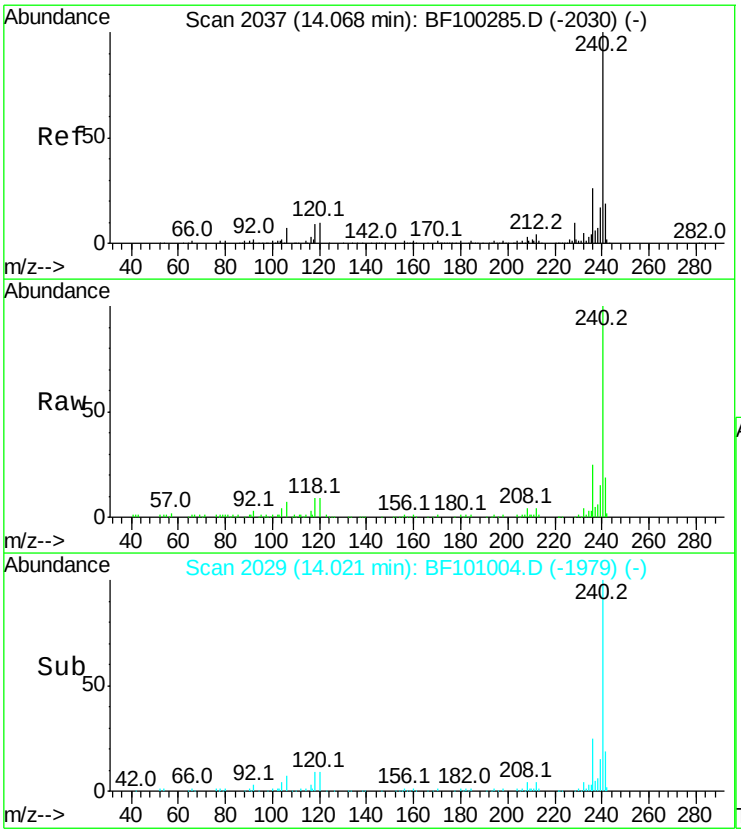
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

Instrument :
BNA_F
ClientSampleId :
BIN-BLOCKS

Tgt Ion:188 Resp: 125714

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.2	9.2	13.8#

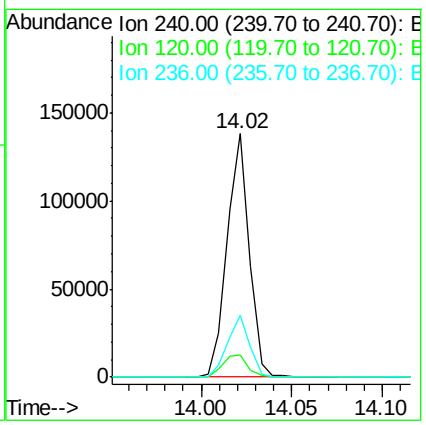


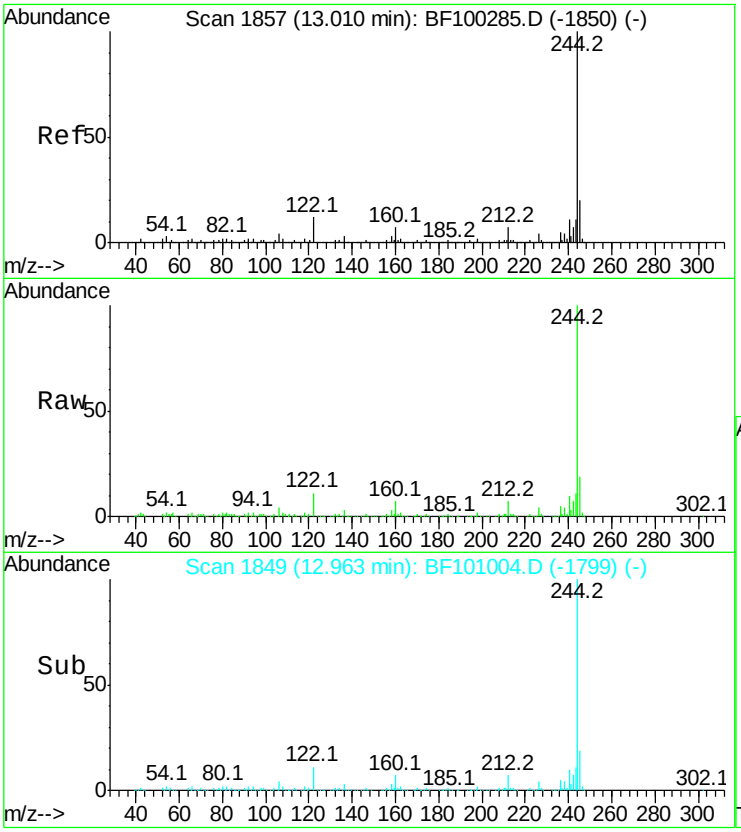


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

Tgt Ion:240 Resp: 117878

Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	25.3	20.7	31.1



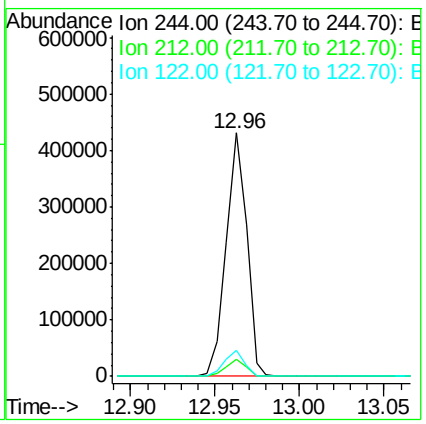


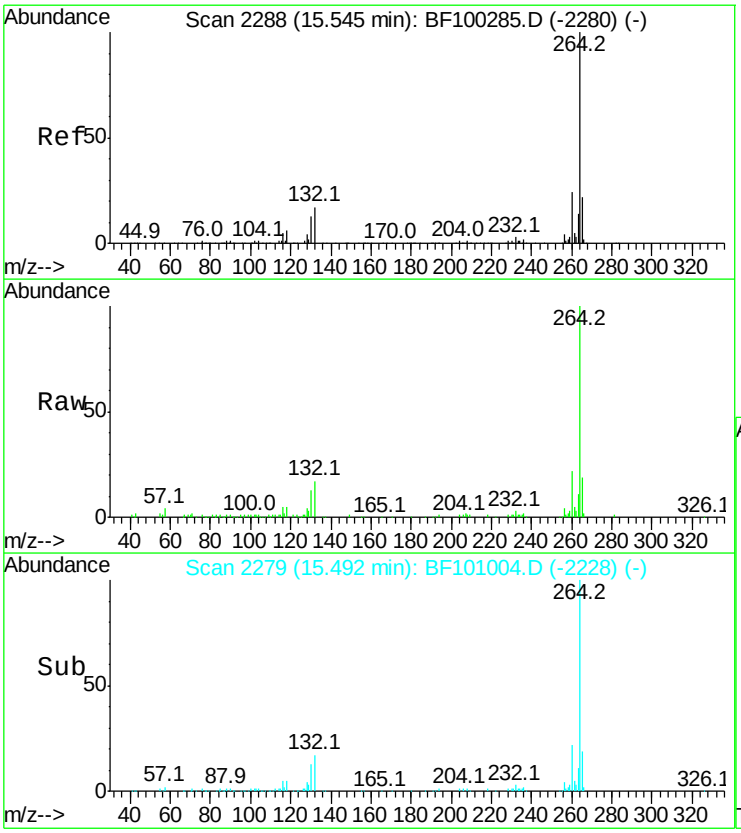
#78
Terphenyl-d14
Concen: 71.082 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

Instrument :
BNA_F
ClientSampleId :
BIN-BLOCKS

Tgt Ion:244 Resp: 364669

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.5	11.0	16.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF101004.D
Acq: 30 Nov 2017 4:22

Tgt Ion:264 Resp: 103324

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.2	28.8
265	19.5	17.5	26.3