Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100605.D
Acq On : 15 Nov 2017 23:50
Operator : SJ/JU
Sample : I6426-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 110917-TIDO-E-U-B

Quant Time: Nov 16 05:50:22 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 13:27:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	114295	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	426815	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	167002	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	246257	20.00	ng	0.00
75) Chrysene-d12	14.04	240	236923	20.00	ng	-0.01
86) Perylene-d12	15.51	264	239734	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	328062	46.01	ng	0.00
7) Phenol-d6	6.50	99	251739	28.63	ng	-0.02
23) Nitrobenzene-d5	7.45	82	660409	102.30	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	140069	82.31	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1130257	103.06	ng	0.00
78) Terphenyl-d14	12.99	244	726800	70.49	ng	0.00
Target Compounds						Qvalue

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

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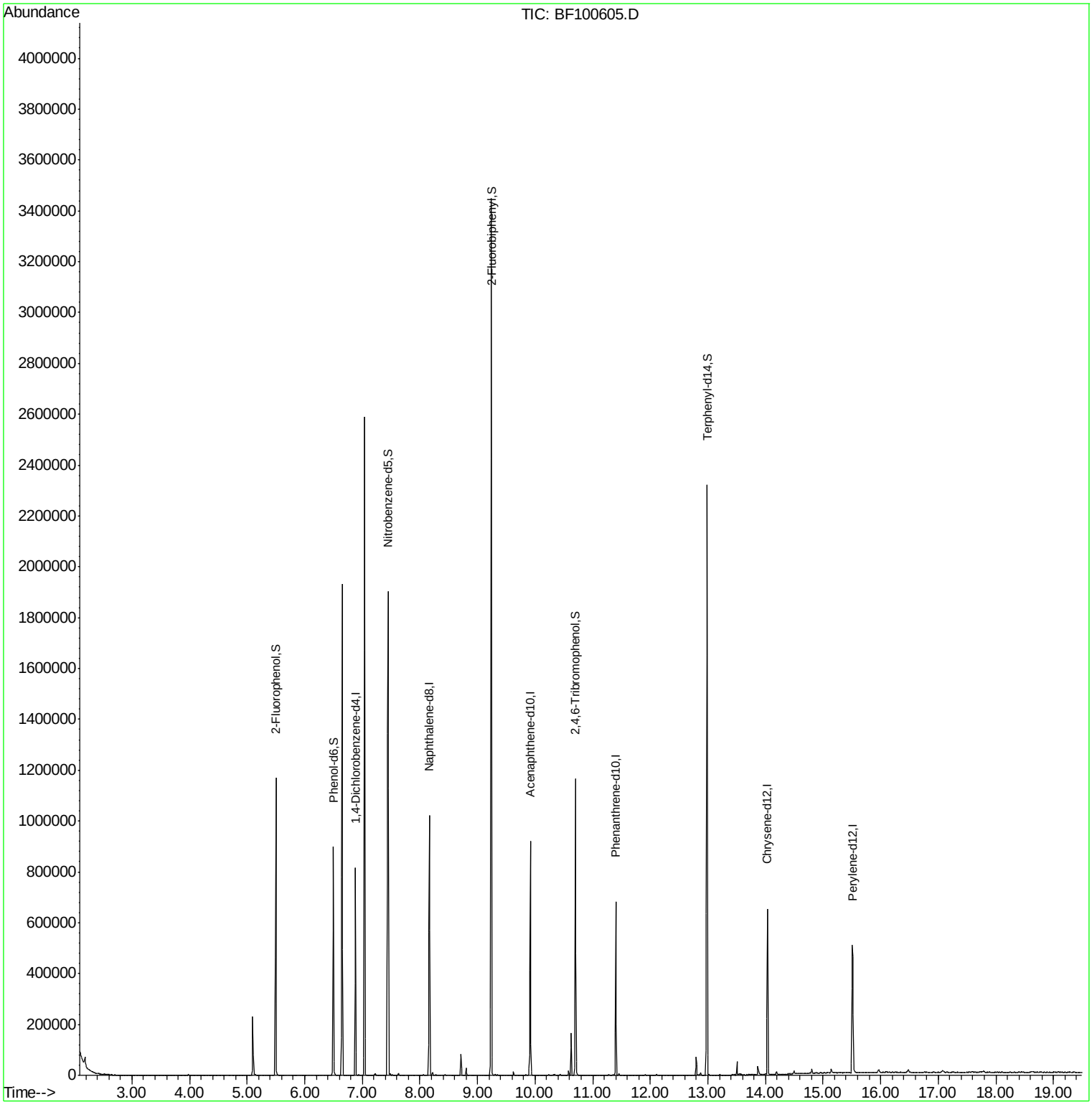
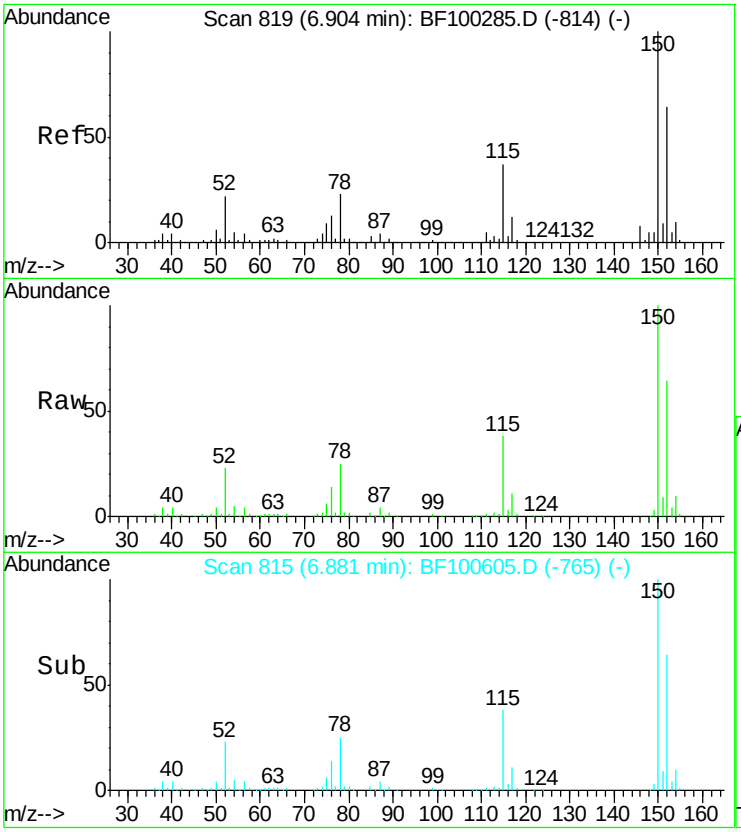


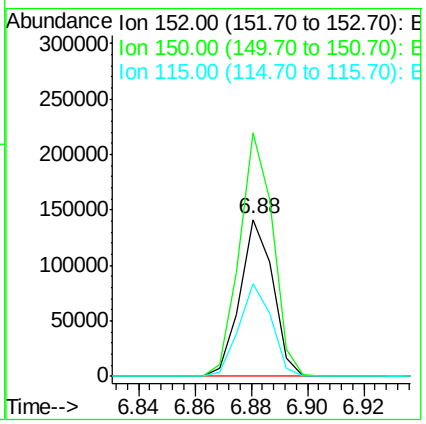


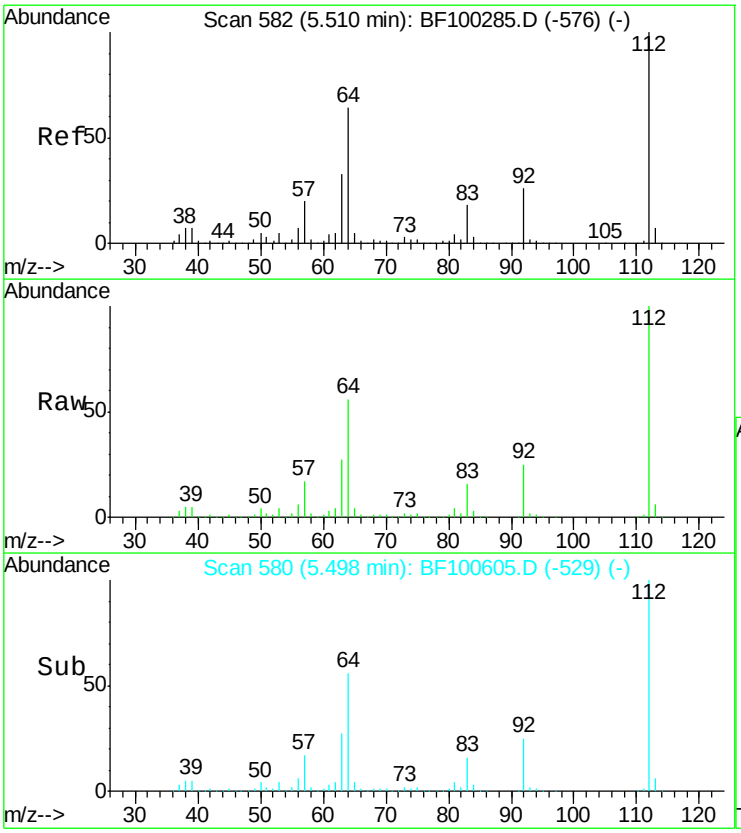
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100605.D
Acq: 15 Nov 2017 23:50

Instrument :
BNA_F
ClientSampleId :
110917-TIDO-E-U-B

Tgt Ion:152 Resp: 114295

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	59.3	50.1	75.1

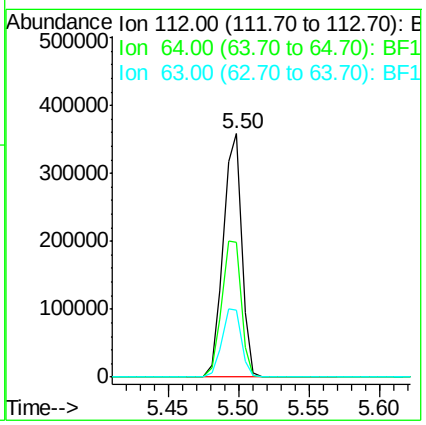


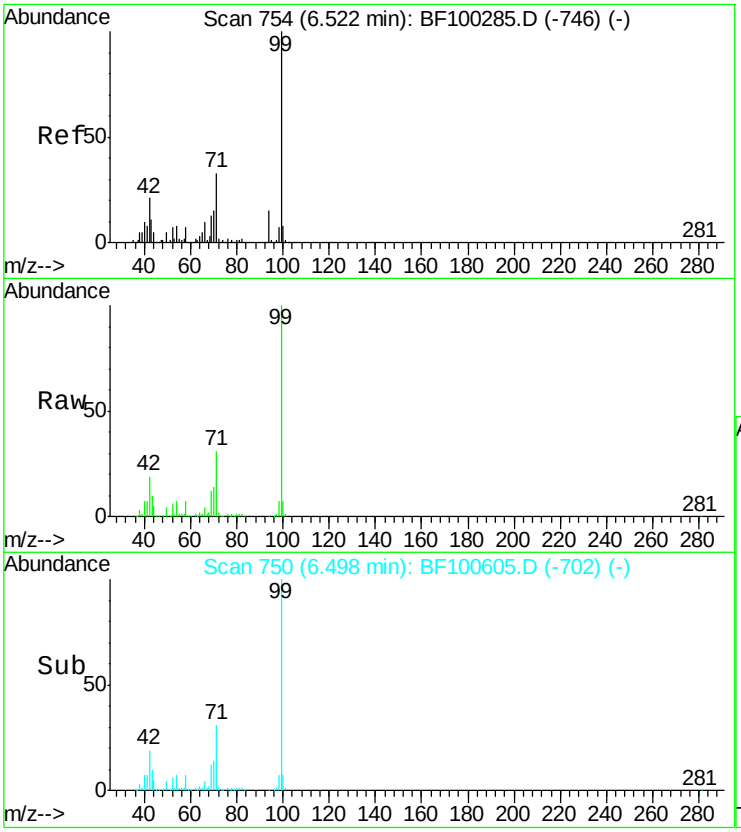


#5
2-Fluorophenol
Concen: 46.011 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF100605.D
Acq: 15 Nov 2017 23:50

Tgt Ion:112 Resp: 328062

Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	27.4	23.7	35.5



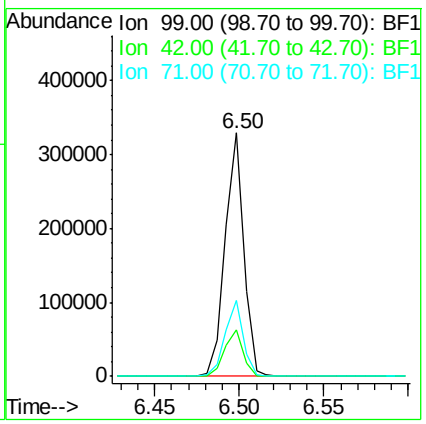


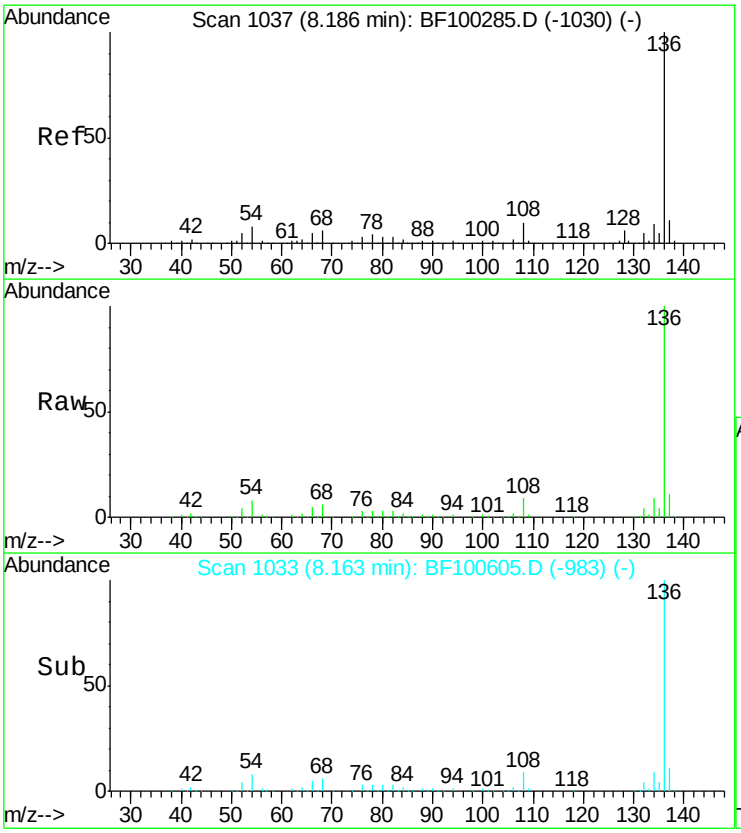
#7
Phenol-d6
Concen: 28.631 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF100605.D
Acq: 15 Nov 2017 23:50

Instrument :
BNA_F
ClientSampleId :
110917-TIDO-E-U-B

Tgt Ion: 99 Resp: 251739

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	31.0	25.4	38.0

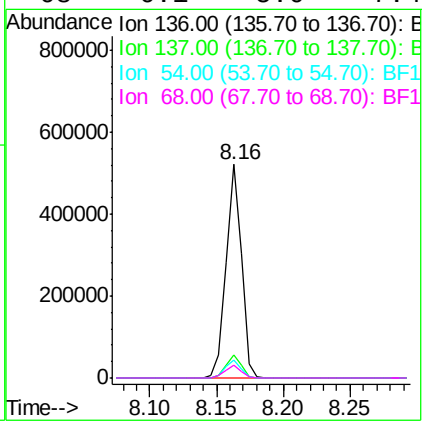


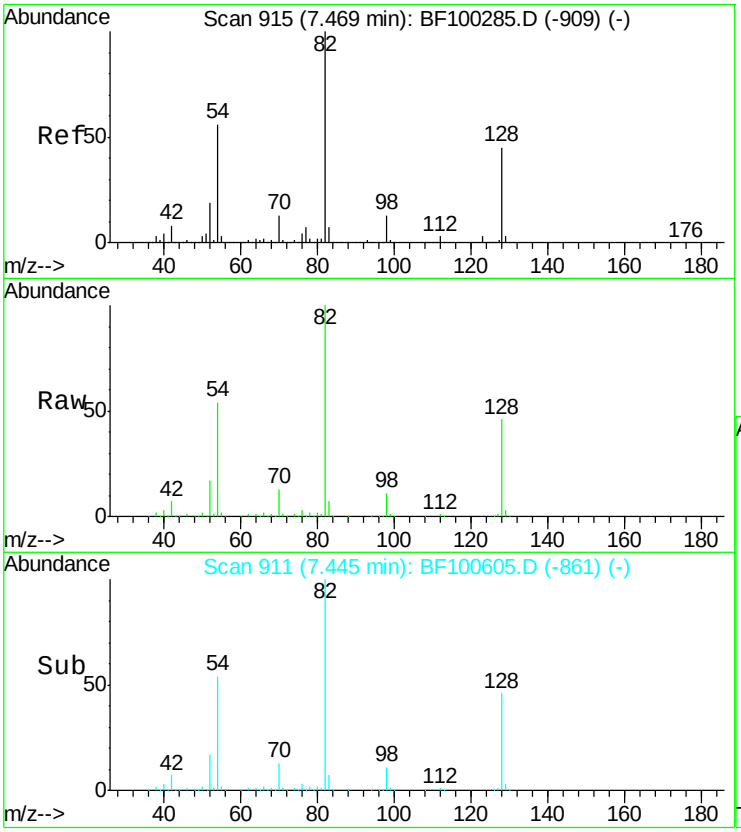


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100605.D
Acq: 15 Nov 2017 23:50

Tgt Ion:136 Resp: 426815

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.4	6.6	9.8
68	6.1	5.0	7.4



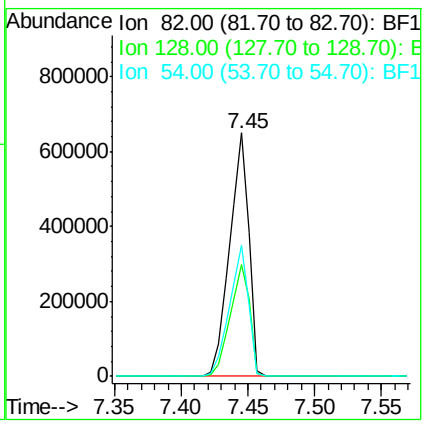


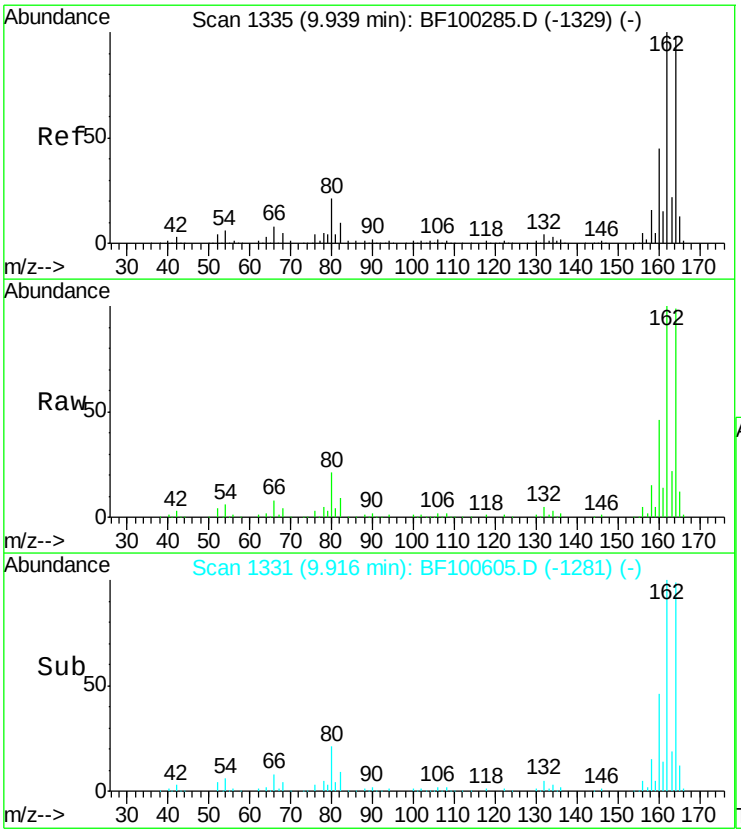
#23
Nitrobenzene-d5
Concen: 102.297 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100605.D
Acq: 15 Nov 2017 23:50

Instrument :
BNA_F
ClientSampleId :
110917-TIDO-E-U-B

Tgt Ion: 82 Resp: 660409

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.1	54.1
54	53.6	41.4	62.2

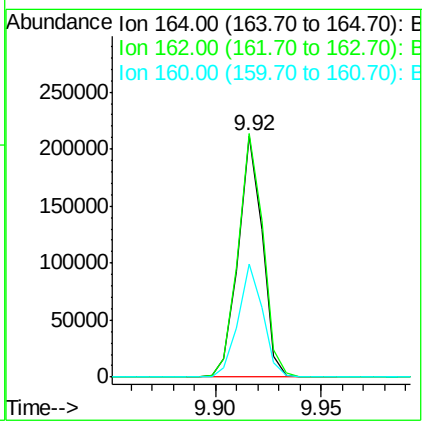


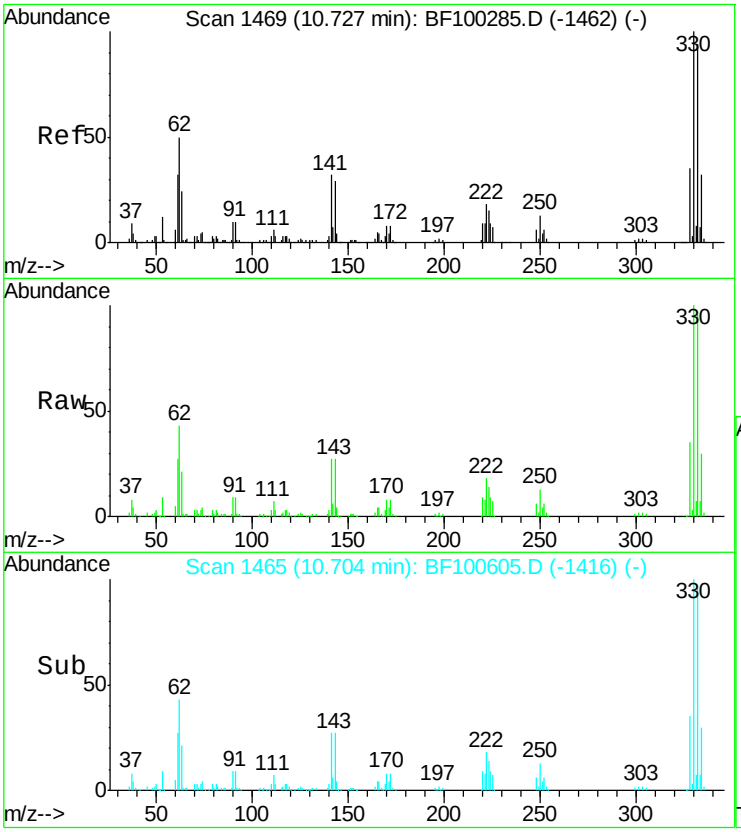


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100605.D
Acq: 15 Nov 2017 23:50

Tgt Ion:164 Resp: 167002

Ion	Ratio	Lower	Upper
164	100		
162	100.8	86.1	129.1
160	46.6	38.3	57.5



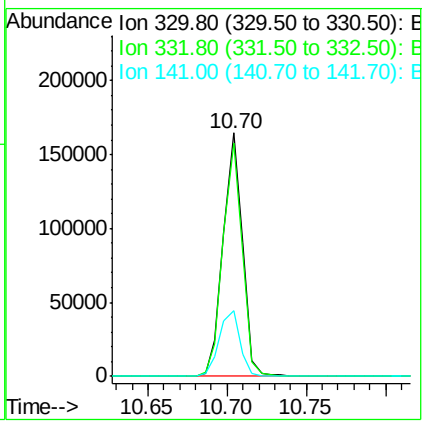


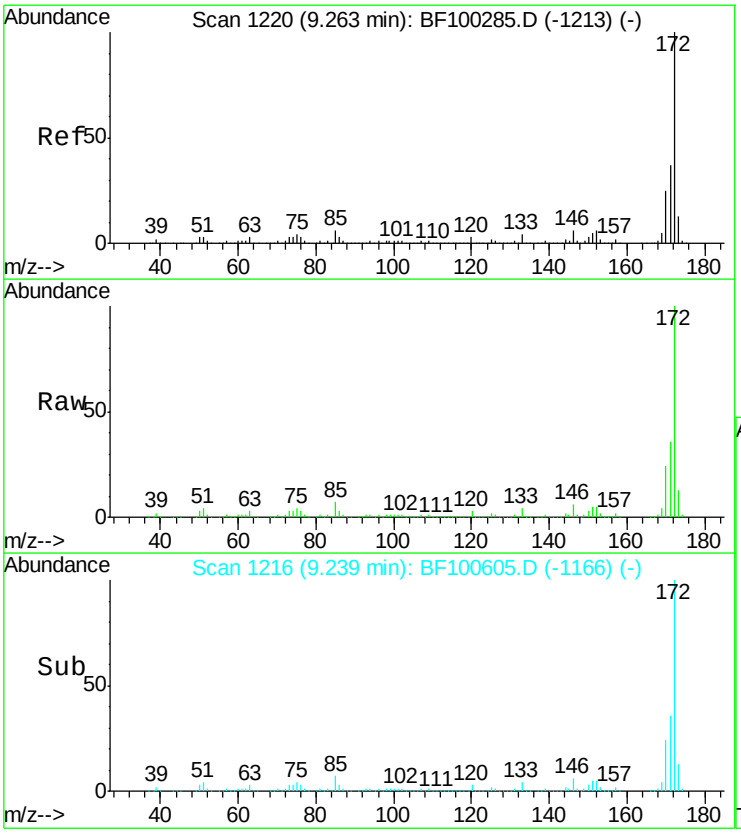
#41
2,4,6-Tribromophenol
Concen: 82.309 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF100605.D
Acq: 15 Nov 2017 23:50

Instrument :
BNA_F
ClientSampleId :
110917-TIDO-E-U-B

Tgt Ion:330 Resp: 140069

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	29.0	29.9	44.9#

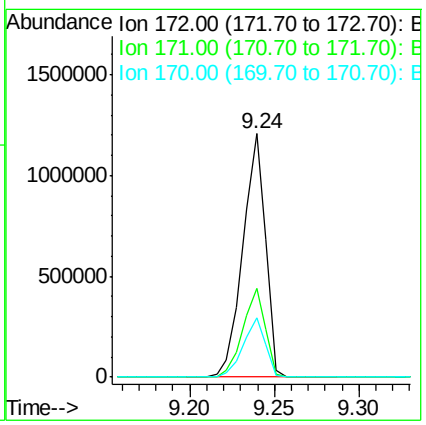


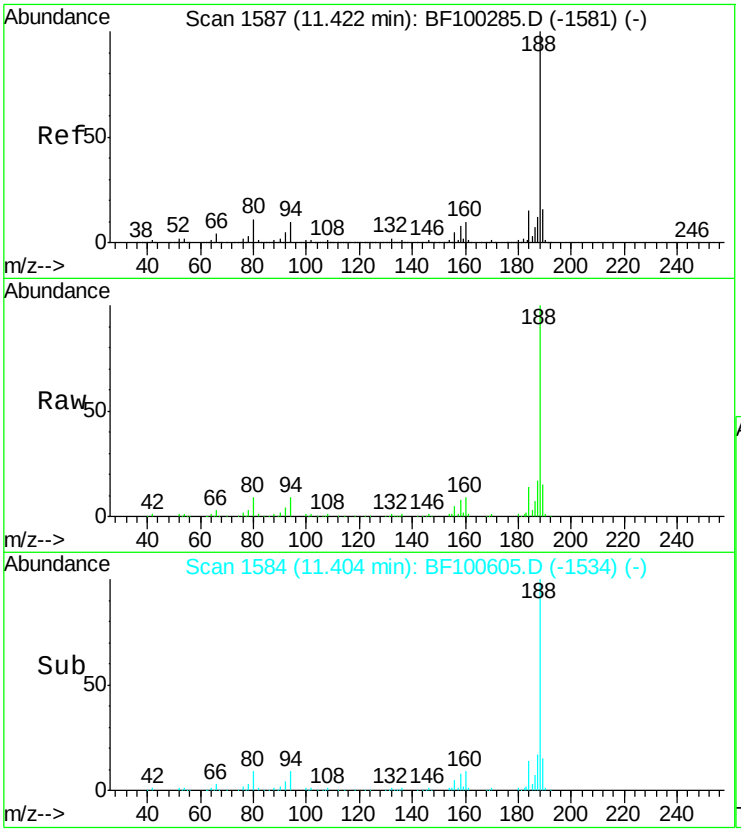


#44
2-Fluorobiphenyl
Concen: 103.056 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100605.D
Acq: 15 Nov 2017 23:50

Tgt Ion:172 Resp: 1130257

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.4	19.6	29.4



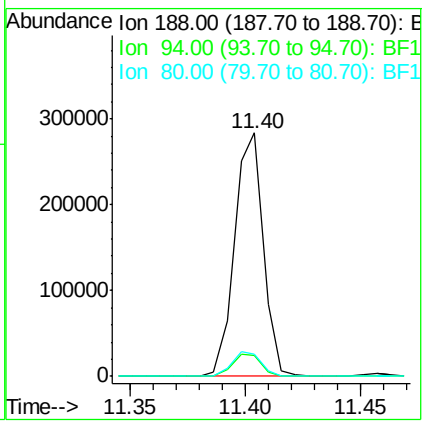


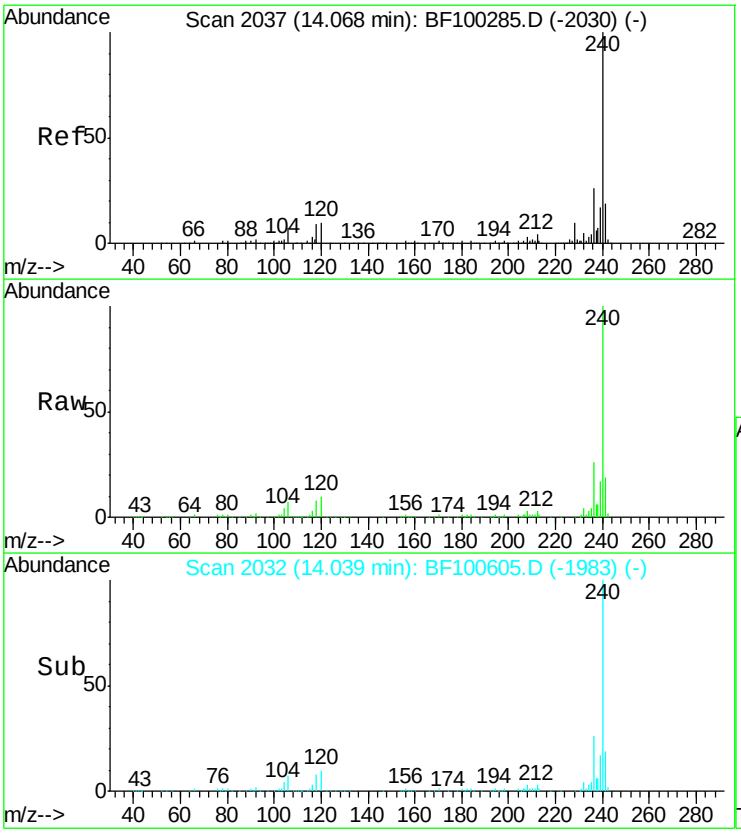
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100605.D
Acq: 15 Nov 2017 23:50

Instrument :
BNA_F
ClientSampleId :
110917-TIDO-E-U-B

Tgt Ion:188 Resp: 246257

Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.1	9.2	13.8#

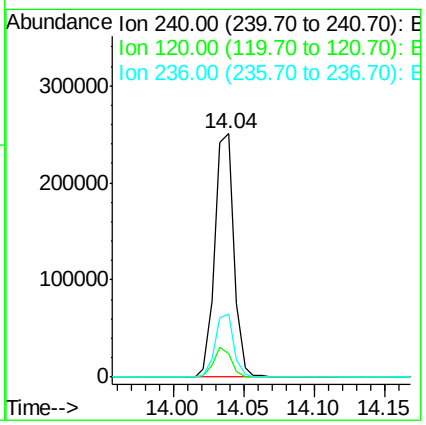


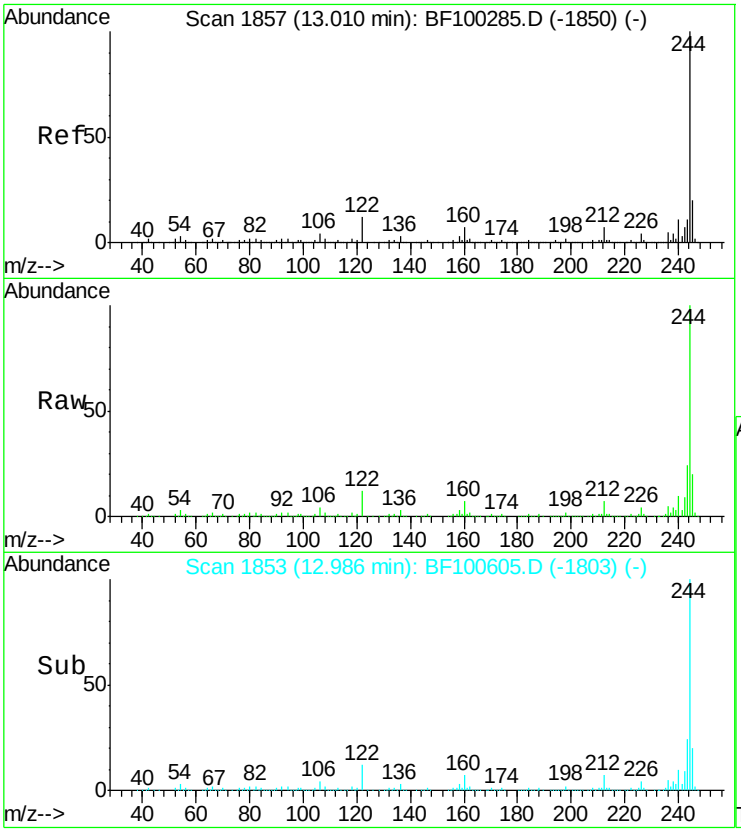


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100605.D
Acq: 15 Nov 2017 23:50

Tgt Ion:240 Resp: 236923

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	25.8	20.7	31.1



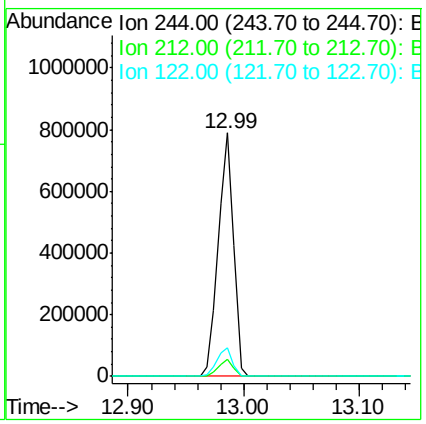


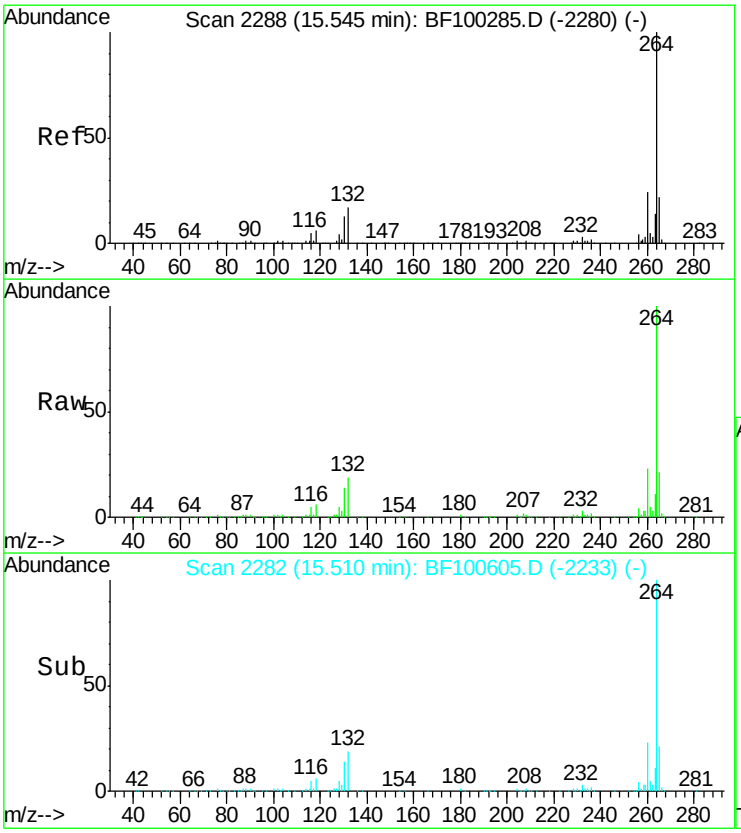
#78
Terphenyl-d14
Concen: 70.486 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF100605.D
Acq: 15 Nov 2017 23:50

Instrument :
BNA_F
ClientSampleId :
110917-TIDO-E-U-B

Tgt Ion:244 Resp: 726800

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100605.D
Acq: 15 Nov 2017 23:50

Tgt Ion:264 Resp: 239734

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.7	17.5	26.3