Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111017\
Data File : BF100412.D
Acq On : 11 Nov 2017 1:13
Operator : SJ/JU
Sample : I6332-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S22-EB-2017-2

Quant Time: Nov 13 07:30:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:44:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	173185	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	653816	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	266863	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	412527	20.00	ng	0.00
75) Chrysene-d12	14.06	240	348086	20.00	ng	0.00
86) Perylene-d12	15.54	264	271705	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	712341	65.93	ng	0.00
7) Phenol-d6	6.52	99	540910	40.60	ng	0.00
23) Nitrobenzene-d5	7.47	82	1085831	109.80	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	321939	118.39	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1732335	98.85	ng	0.00
78) Terphenyl-d14	13.01	244	1309303	86.43	ng	0.00

Target Compounds	Qvalue

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

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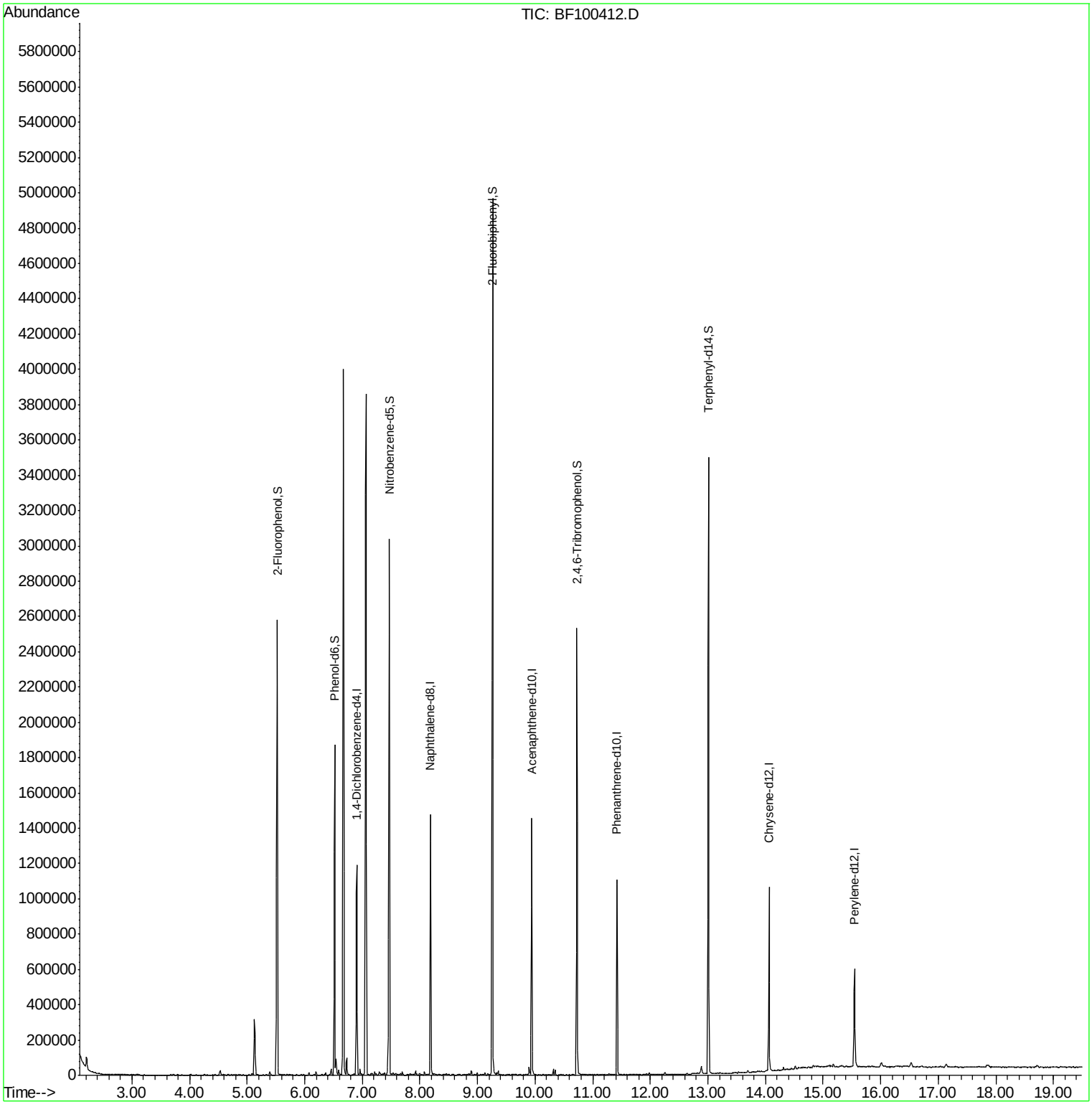
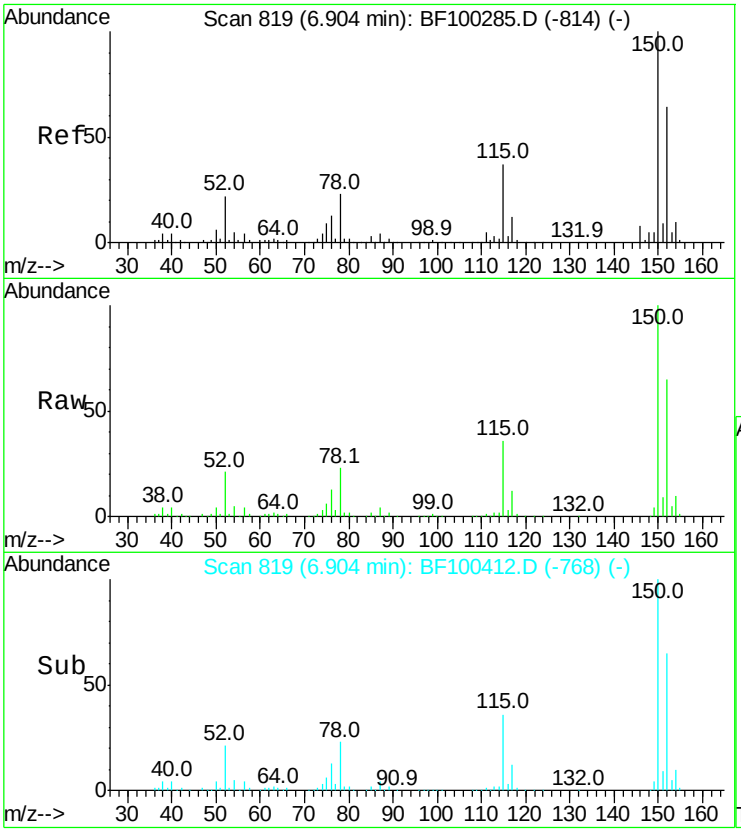


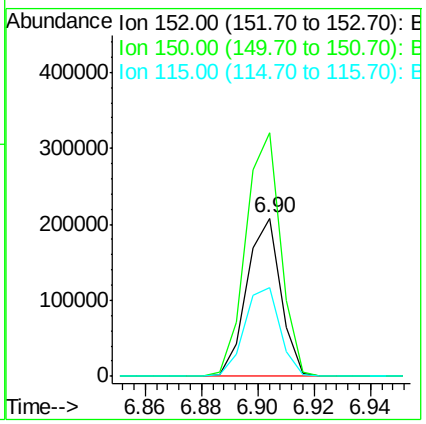


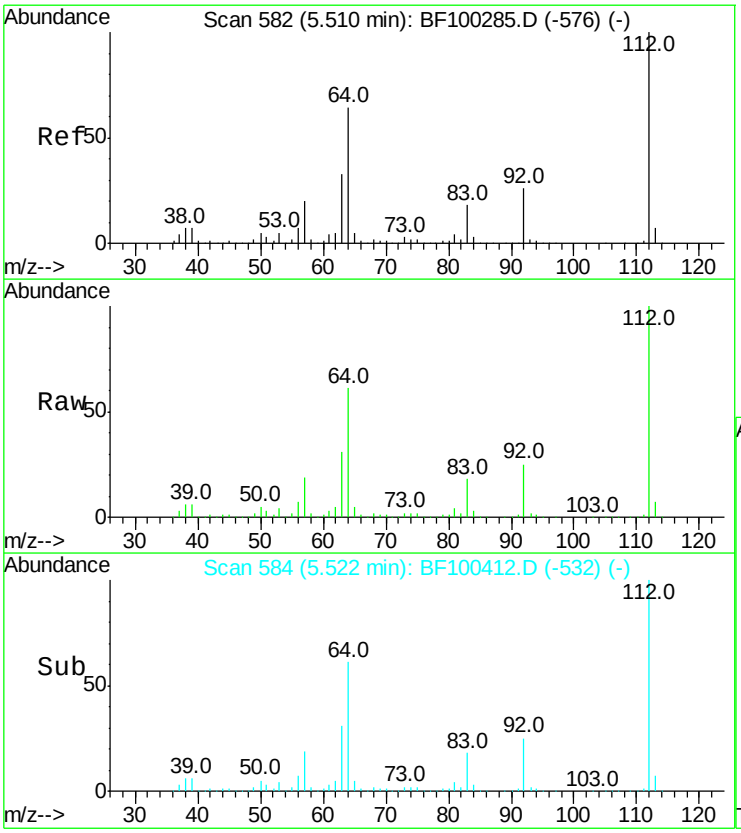
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100412.D
Acq: 11 Nov 2017 1:13

Instrument :
BNA_F
ClientSampleId :
S22-EB-2017-2

Tgt Ion:152 Resp: 173185

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	55.7	50.1	75.1

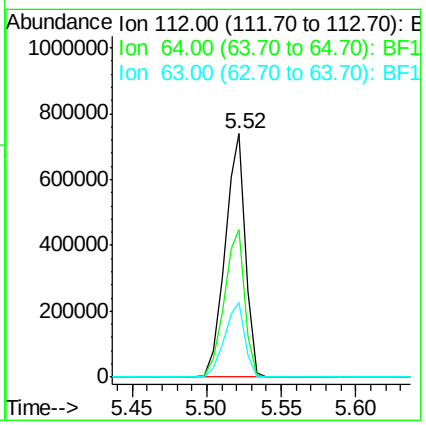


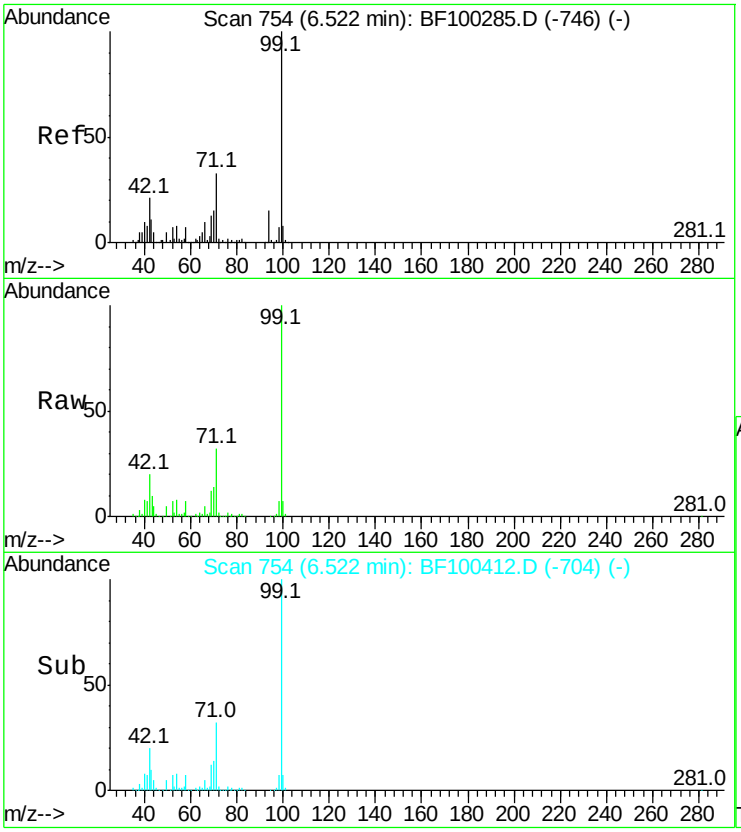


#5
2-Fluorophenol
Concen: 65.934 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF100412.D
Acq: 11 Nov 2017 1:13

Tgt Ion:112 Resp: 712341

Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.9	71.9
63	30.6	23.7	35.5



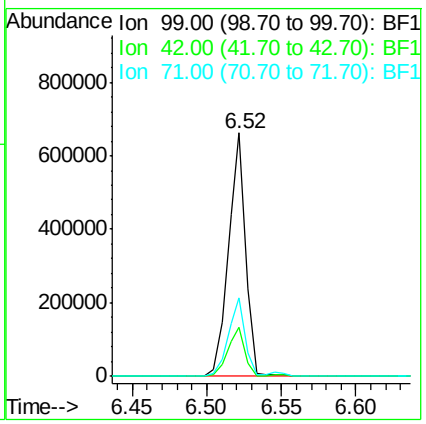


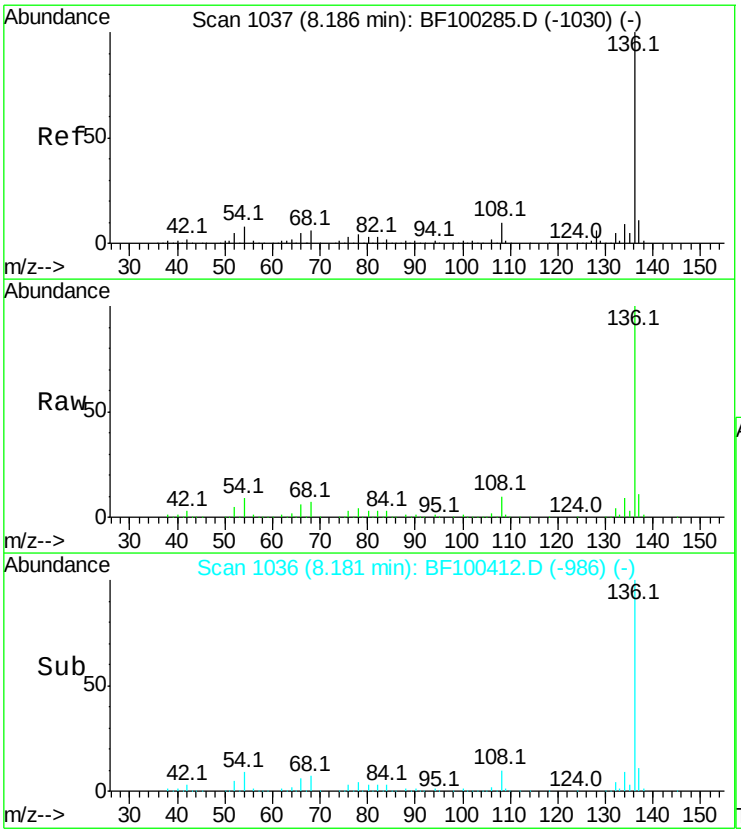
#7
Phenol-d6
Concen: 40.601 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF100412.D
Acq: 11 Nov 2017 1:13

Instrument :
BNA_F
ClientSampleId :
S22-EB-2017-2

Tgt Ion: 99 Resp: 540910

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	32.4	25.4	38.0

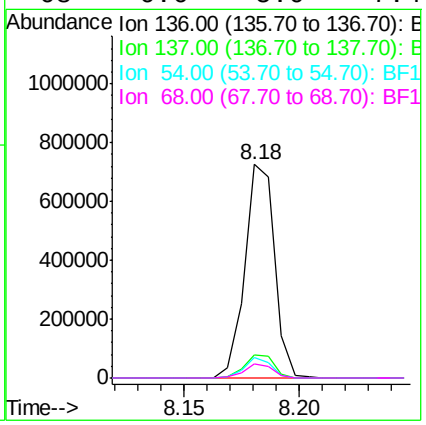


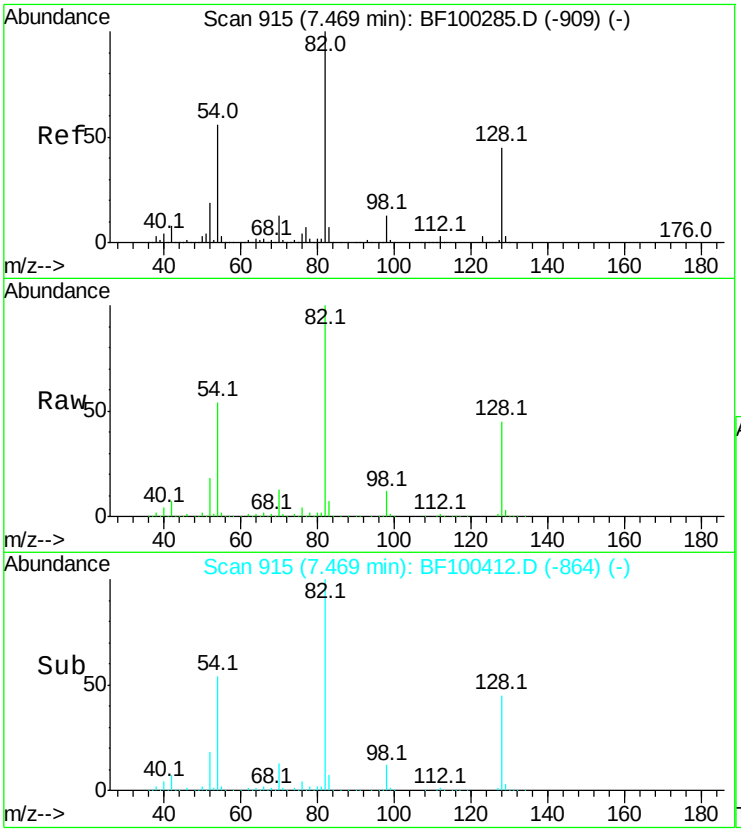


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF100412.D
Acq: 11 Nov 2017 1:13

Tgt Ion:136 Resp: 653816

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.5	6.6	9.8
68	6.6	5.0	7.4



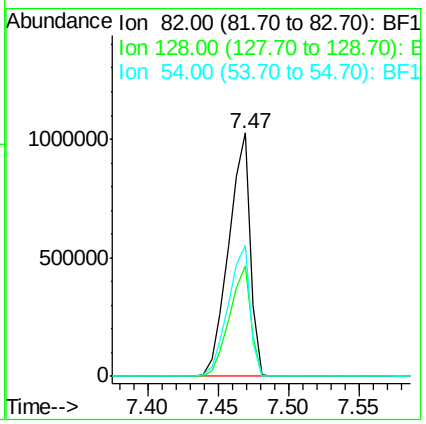


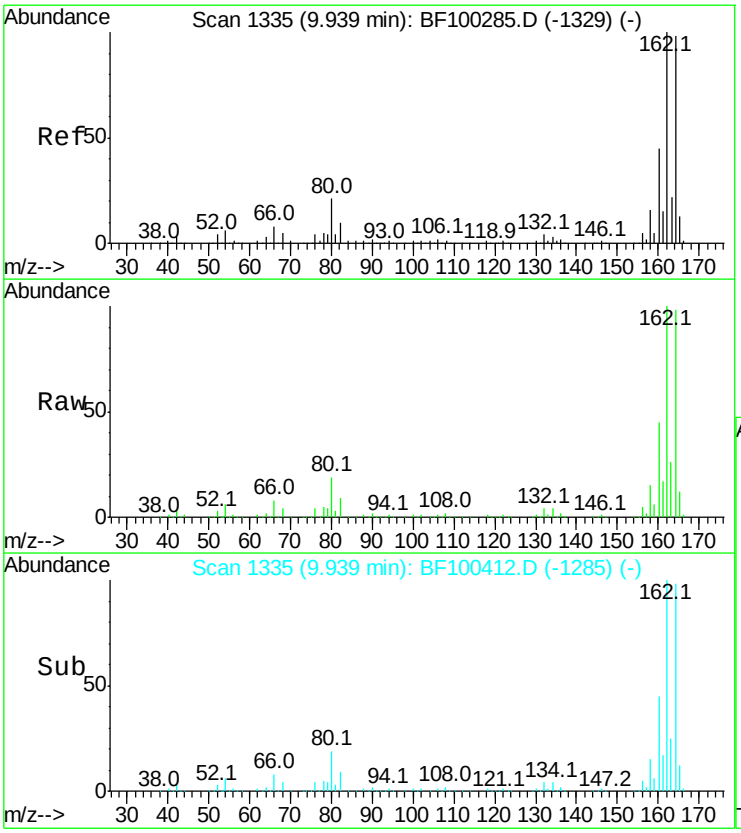
#23
Nitrobenzene-d5
Concen: 109.798 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100412.D
Acq: 11 Nov 2017 1:13

Instrument :
BNA_F
ClientSampleId :
S22-EB-2017-2

Tgt Ion: 82 Resp: 1085831

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	54.0	41.4	62.2

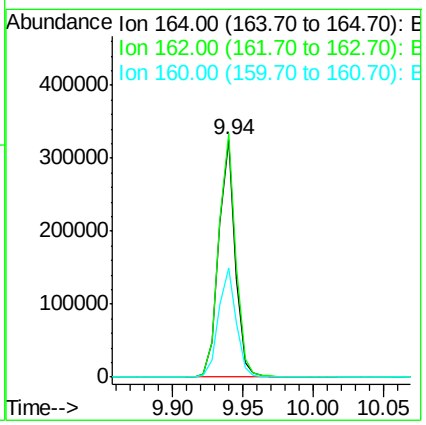


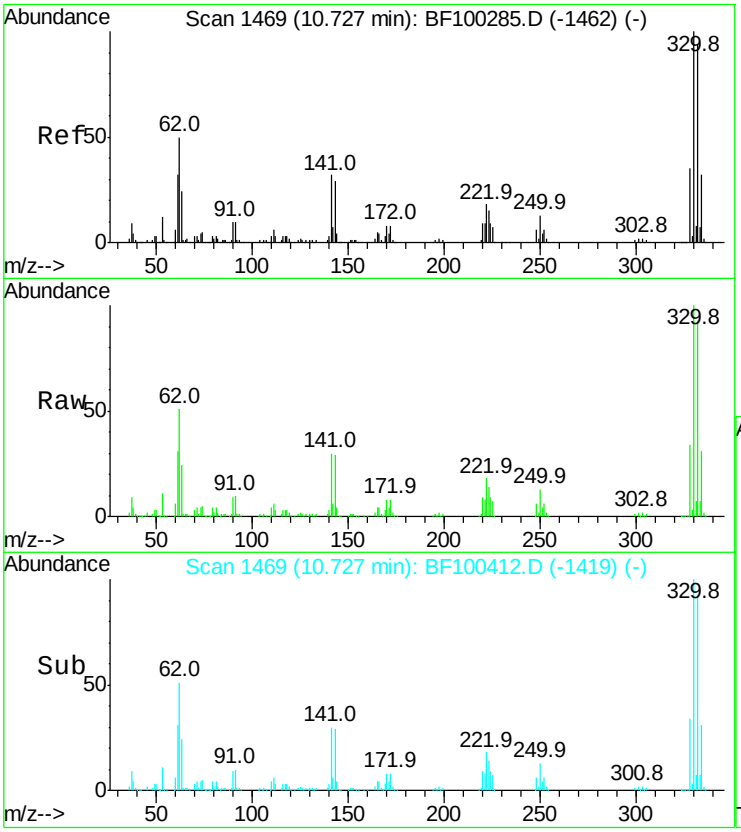


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100412.D
Acq: 11 Nov 2017 1:13

Tgt Ion:164 Resp: 266863

Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	45.9	38.3	57.5



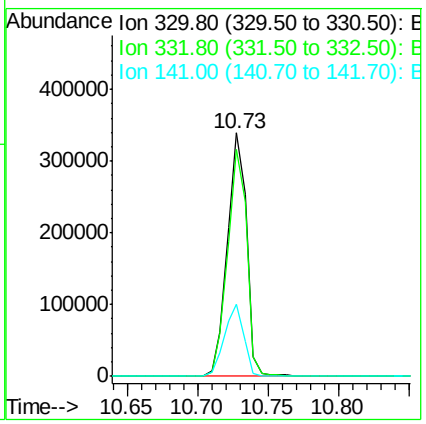


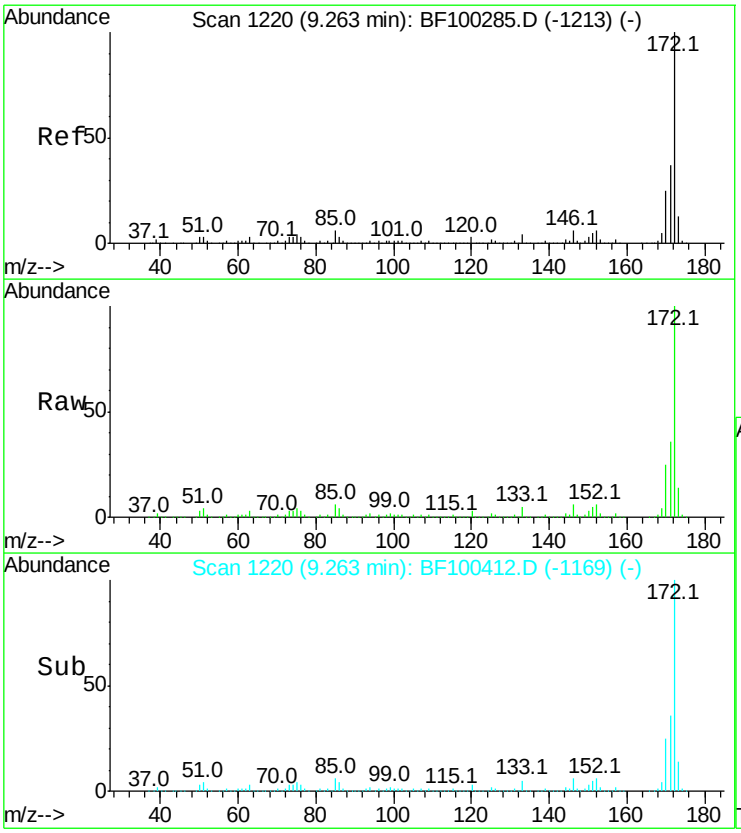
#41
2,4,6-Tribromophenol
Concen: 118.389 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100412.D
Acq: 11 Nov 2017 1:13

Instrument :
BNA_F
ClientSampleId :
S22-EB-2017-2

Tgt Ion:330 Resp: 321939

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	29.9	29.9	44.9#

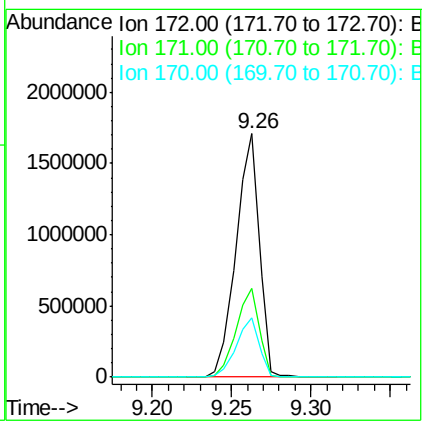


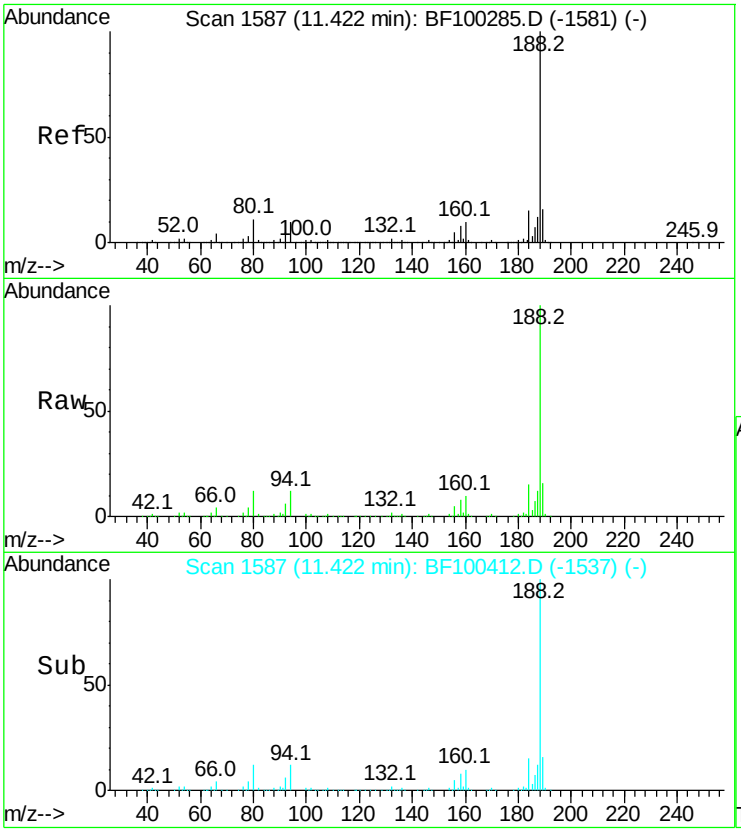


#44
2-Fluorobiphenyl
Concen: 98.846 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BF100412.D
Acq: 11 Nov 2017 1:13

Tgt Ion:172 Resp: 1732335

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.5	19.6	29.4



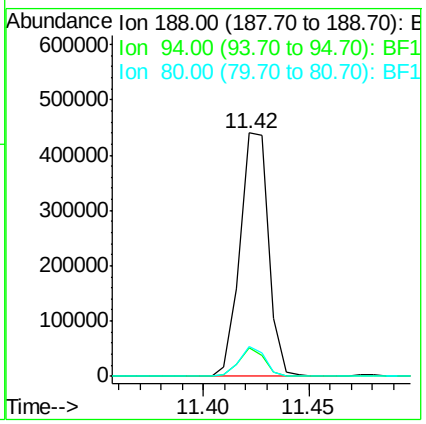


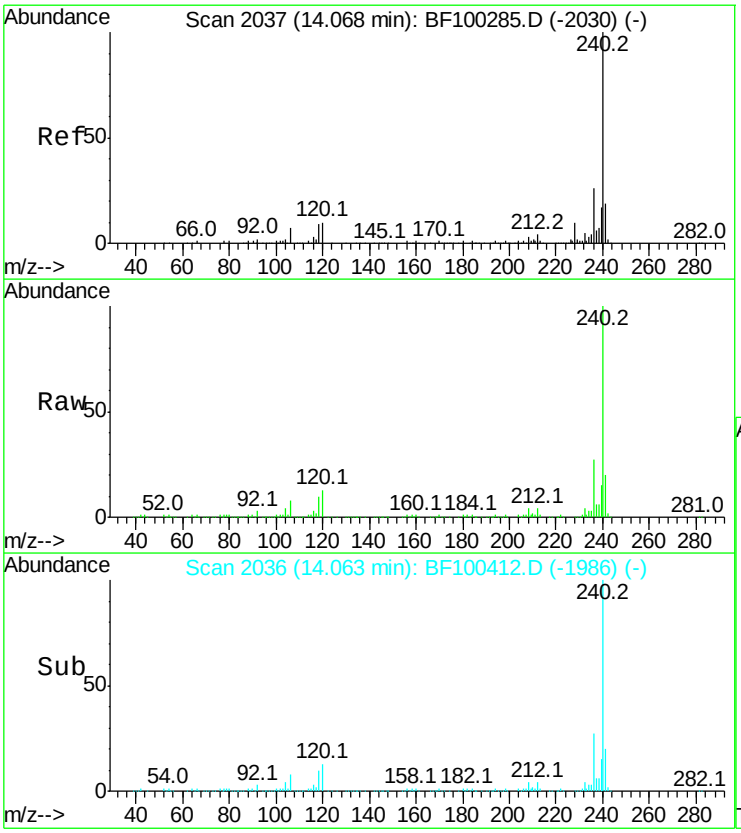
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF100412.D
Acq: 11 Nov 2017 1:13

Instrument :
BNA_F
ClientSampleId :
S22-EB-2017-2

Tgt Ion:188 Resp: 412527

Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.5	12.7
80	12.3	9.2	13.8

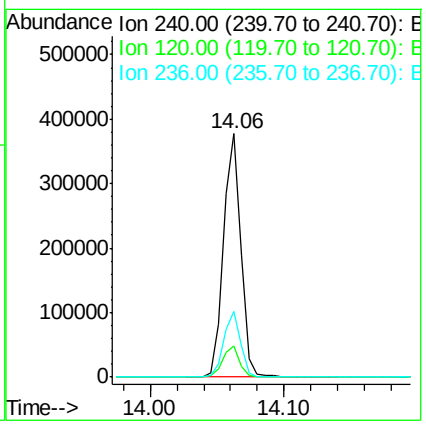


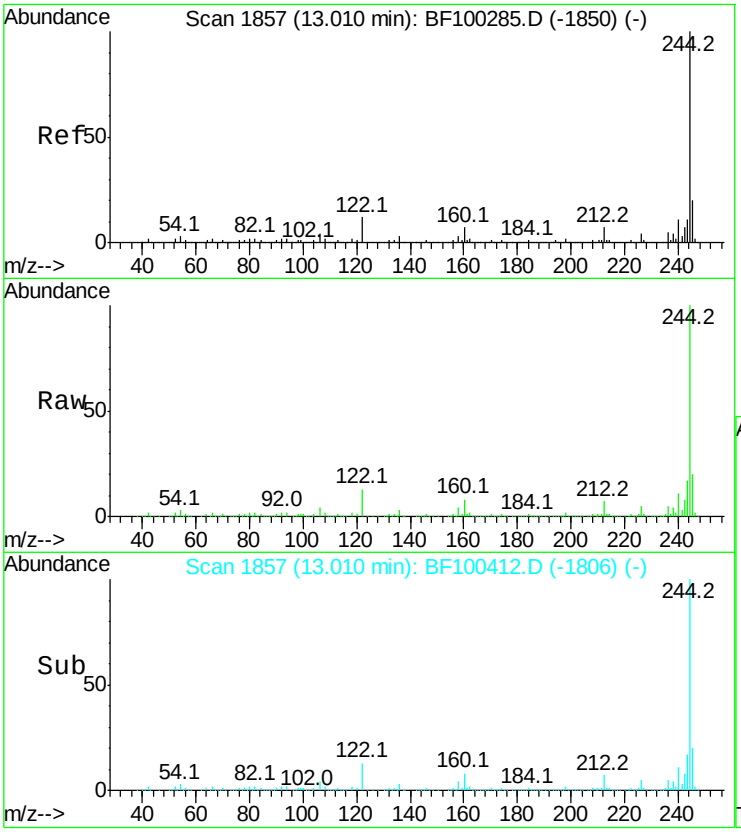


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100412.D
Acq: 11 Nov 2017 1:13

Tgt Ion:240 Resp: 348086

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	26.8	20.7	31.1



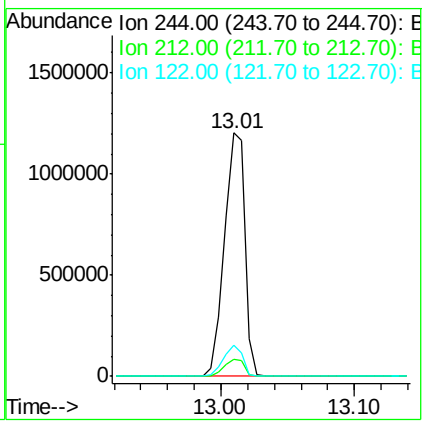


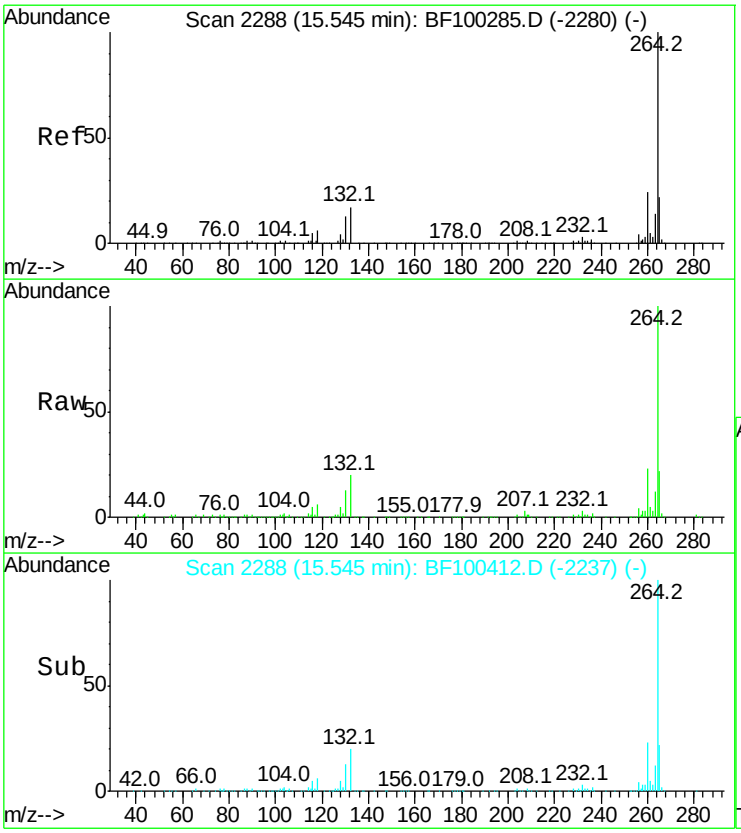
#78
Terphenyl-d14
Concen: 86.427 ng
RT: 13.01 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BF100412.D
Acq: 11 Nov 2017 1:13

Instrument :
BNA_F
ClientSampleId :
S22-EB-2017-2

Tgt Ion:244 Resp: 1309303

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	12.6	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BF100412.D
Acq: 11 Nov 2017 1:13

Tgt Ion:264 Resp: 271705

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.7	17.5	26.3