Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG017000.D
Acq On : 9 May 2015 21:32
Operator : TP/IZ
Sample : G2184-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0443

Quant Time: May 11 01:24:04 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 16:13:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	58376	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	272833	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	176842	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	405023	20.00	ng	-0.02
75) Chrysene-d12	21.34	240	399575	20.00	ng	-0.03
86) Perylene-d12	23.64	264	390976	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	244063	72.80	ng	-0.02
7) Phenol-d6	6.96	99	218102	45.54	ng	0.00
23) Nitrobenzene-d5	8.94	82	520321	93.17	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	312387	175.96	ng	-0.02
44) 2-Fluorobiphenyl	13.05	172	1088615	92.89	ng	-0.02
78) Terphenyl-d14	19.80	244	1596458	93.66	ng	-0.02
Target Compounds						Qvalue
32) Benzoic acid	9.88	122	54	Below Cal	#	1

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

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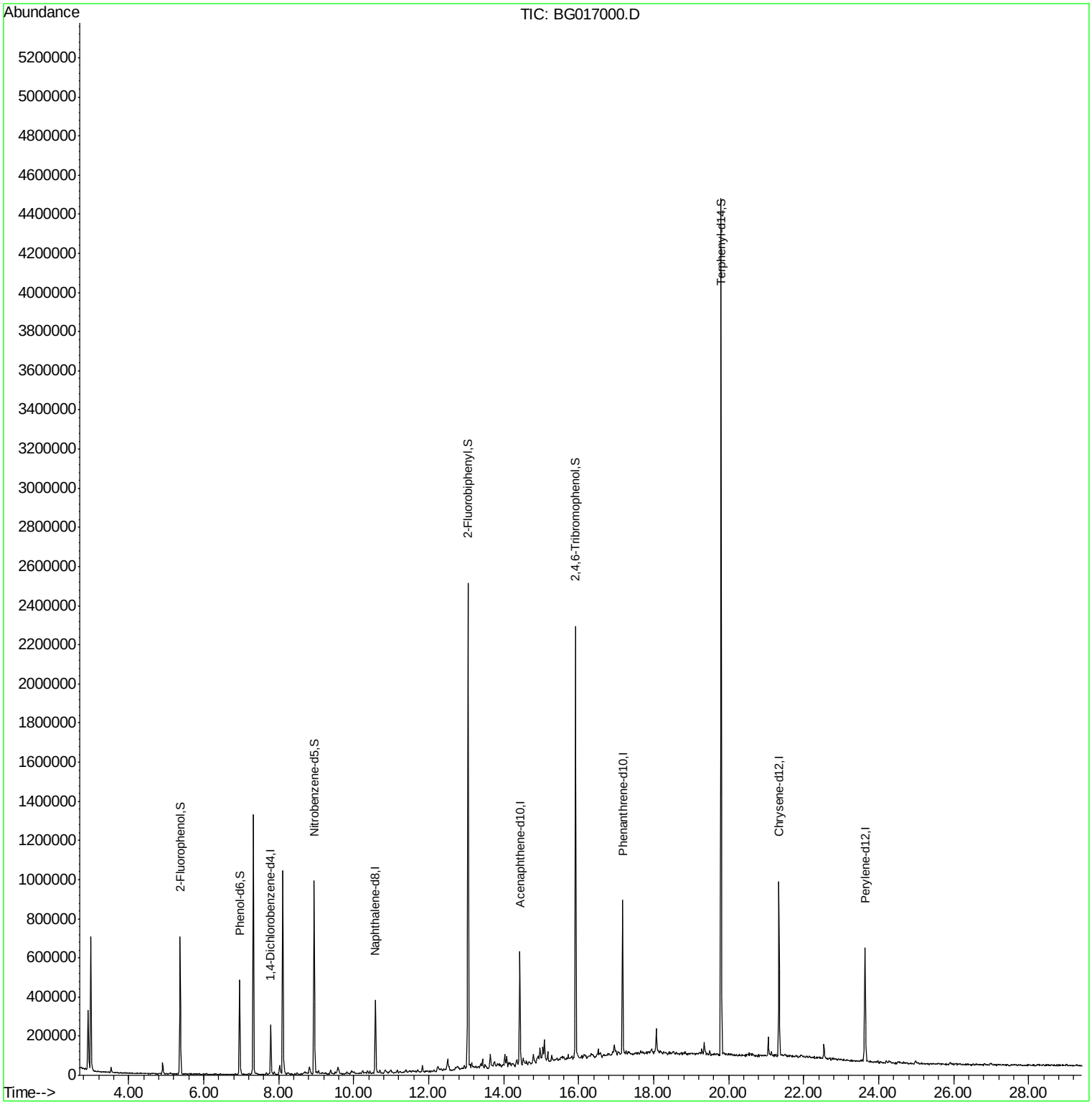
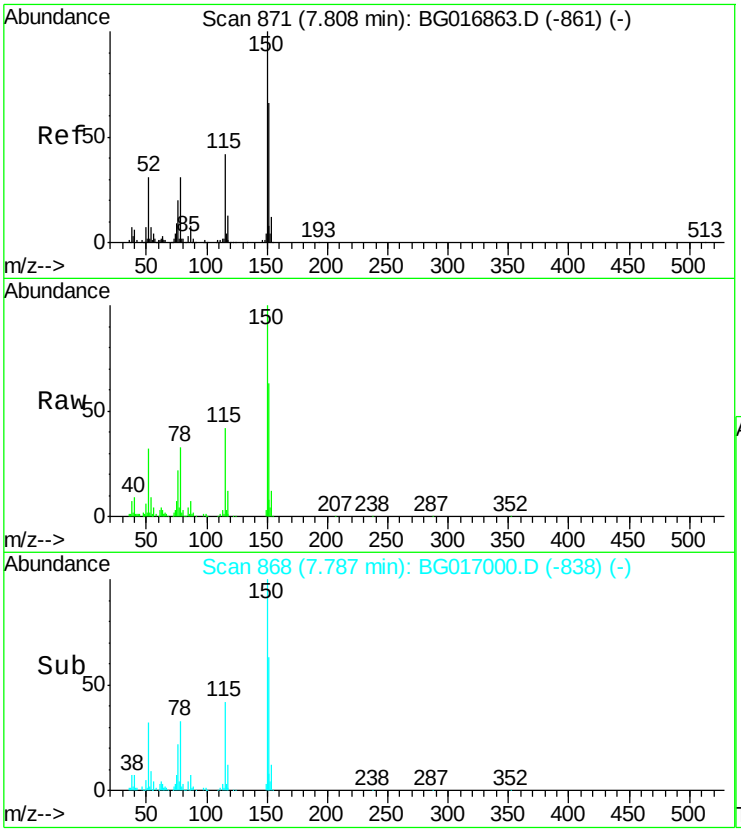


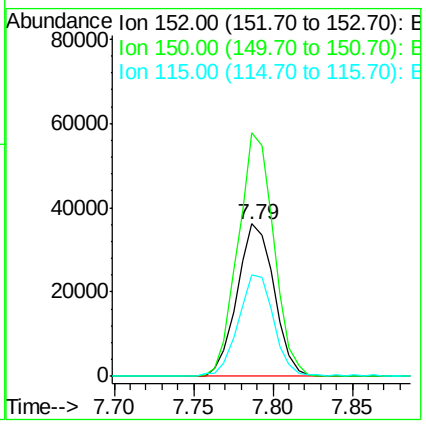


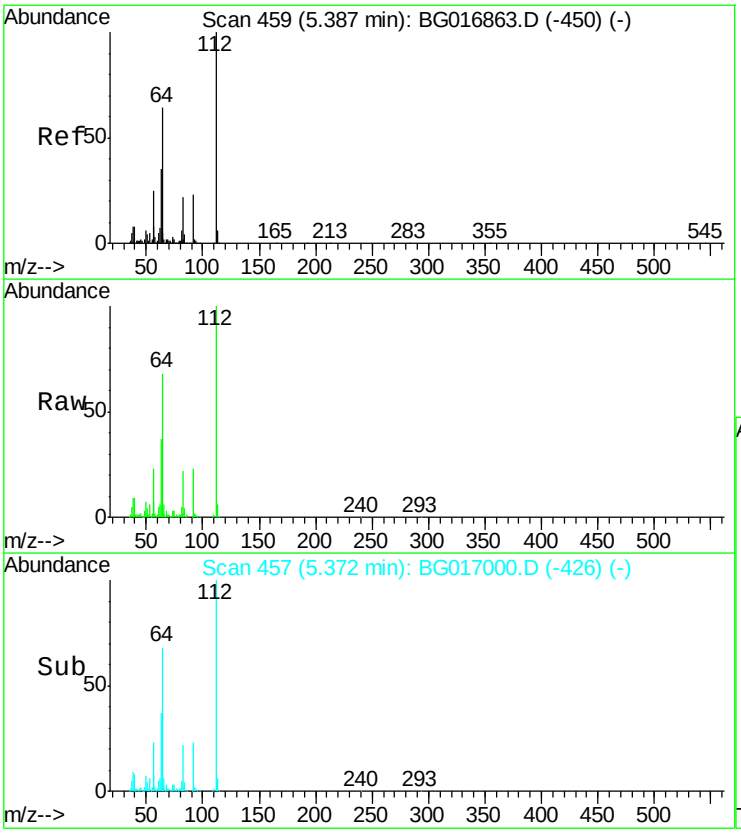
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.02 min
Lab File: BG017000.D
Acq: 9 May 2015 21:32

Instrument :
BNA_G
ClientSampleId :
S8-0443

Tgt Ion:152 Resp: 58376

Ion	Ratio	Lower	Upper
152	100		
150	159.6	121.0	181.4
115	67.0	50.5	75.7

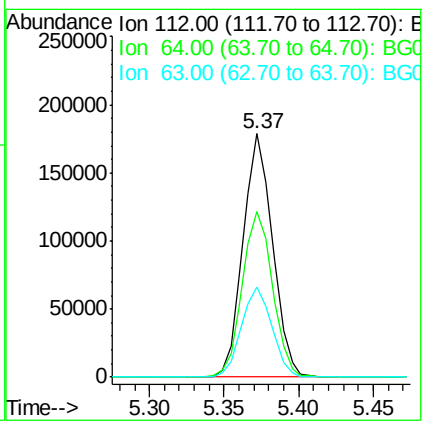


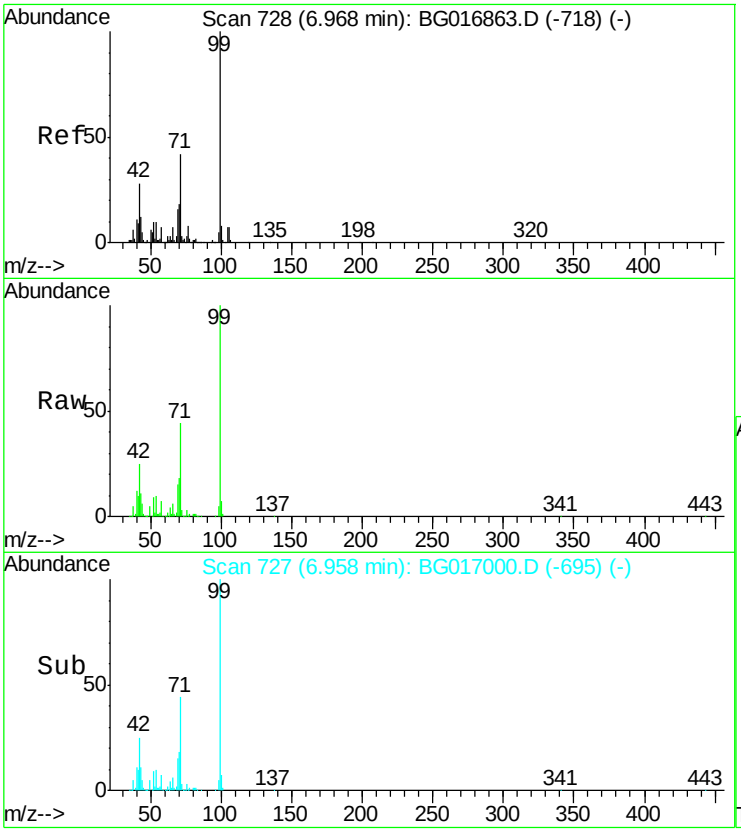


#5
2-Fluorophenol
Concen: 72.80 ng
RT: 5.37 min Scan# 457
Delta R.T. -0.02 min
Lab File: BG017000.D
Acq: 9 May 2015 21:32

Tgt Ion:112 Resp: 244063

Ion	Ratio	Lower	Upper
112	100		
64	67.8	51.4	77.2
63	36.9	28.1	42.1



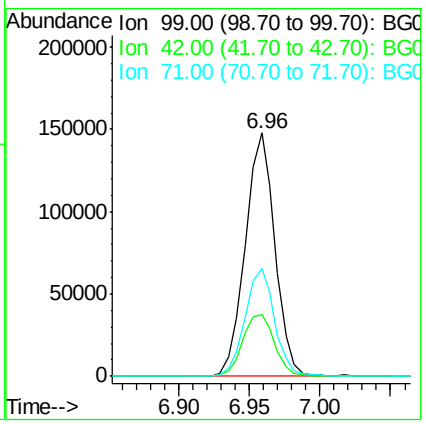


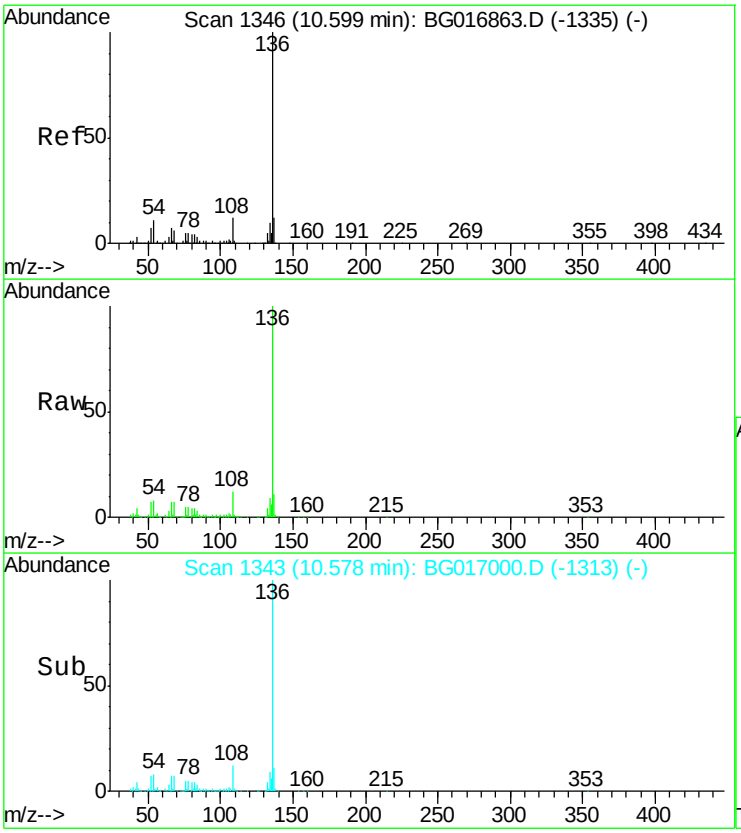
#7
Phenol-d6
Concen: 45.54 ng
RT: 6.96 min Scan# 727
Delta R.T. -0.01 min
Lab File: BG017000.D
Acq: 9 May 2015 21:32

Instrument :
BNA_G
ClientSampleId :
S8-0443

Tgt Ion: 99 Resp: 218102

Ion	Ratio	Lower	Upper
99	100		
42	25.3	22.1	33.1
71	44.5	33.4	50.0

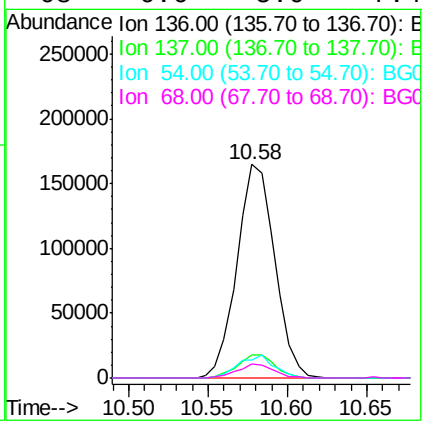


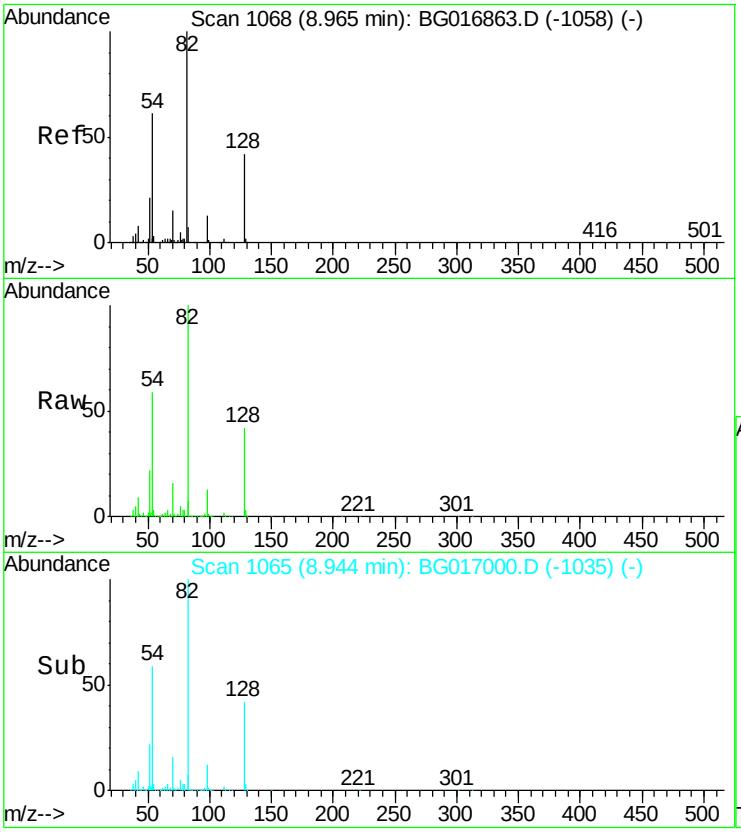


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BG017000.D
Acq: 9 May 2015 21:32

Tgt Ion:136 Resp: 272833

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.8
54	8.1	8.7	13.1#
68	6.6	5.0	7.4



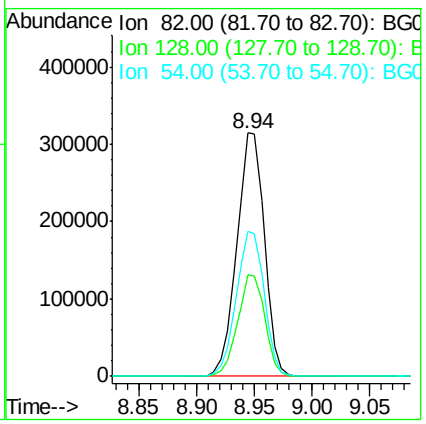


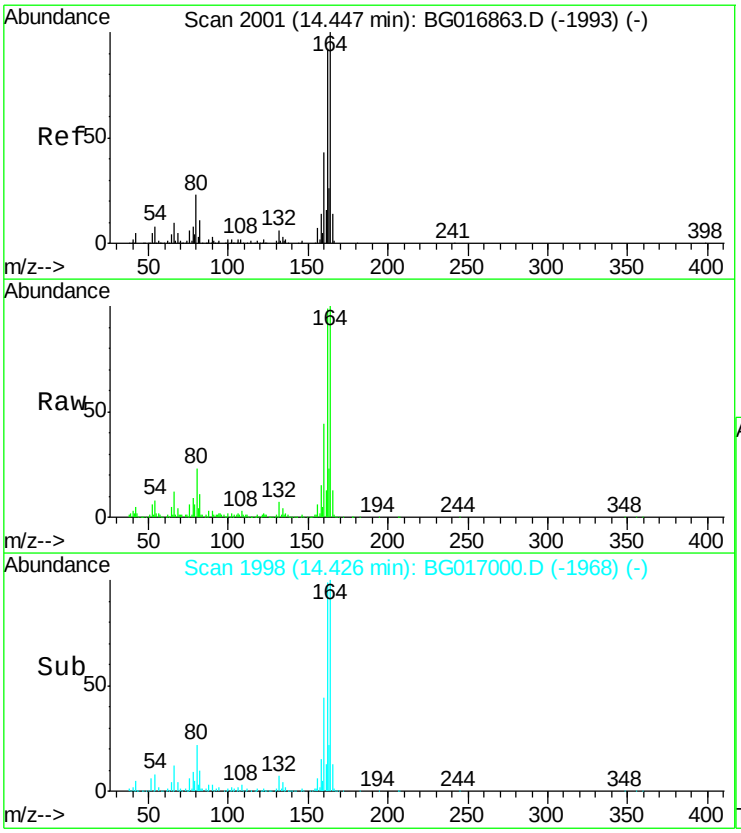
#23
Nitrobenzene-d5
Concen: 93.17 ng
RT: 8.94 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG017000.D
Acq: 9 May 2015 21:32

Instrument :
BNA_G
ClientSampleId :
S8-0443

Tgt Ion: 82 Resp: 520321

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.2	49.8
54	59.3	48.6	72.8

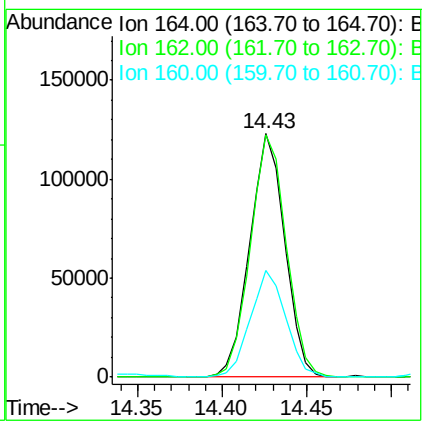


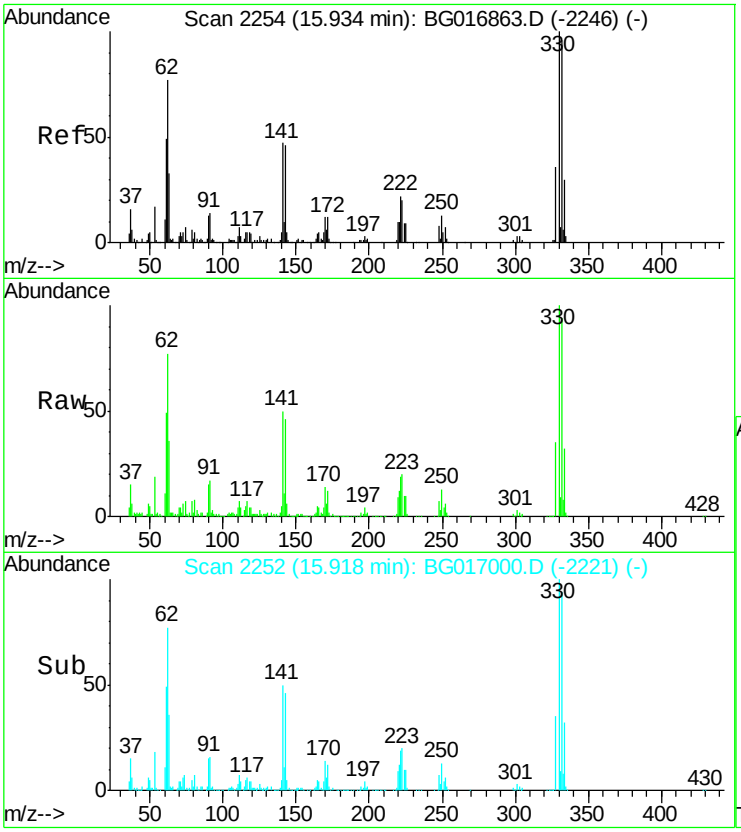


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BG017000.D
Acq: 9 May 2015 21:32

Tgt Ion:164 Resp: 176842

Ion	Ratio	Lower	Upper
164	100		
162	99.3	74.0	111.0
160	43.8	34.7	52.1



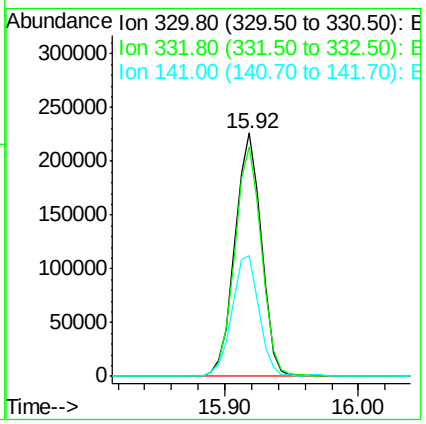


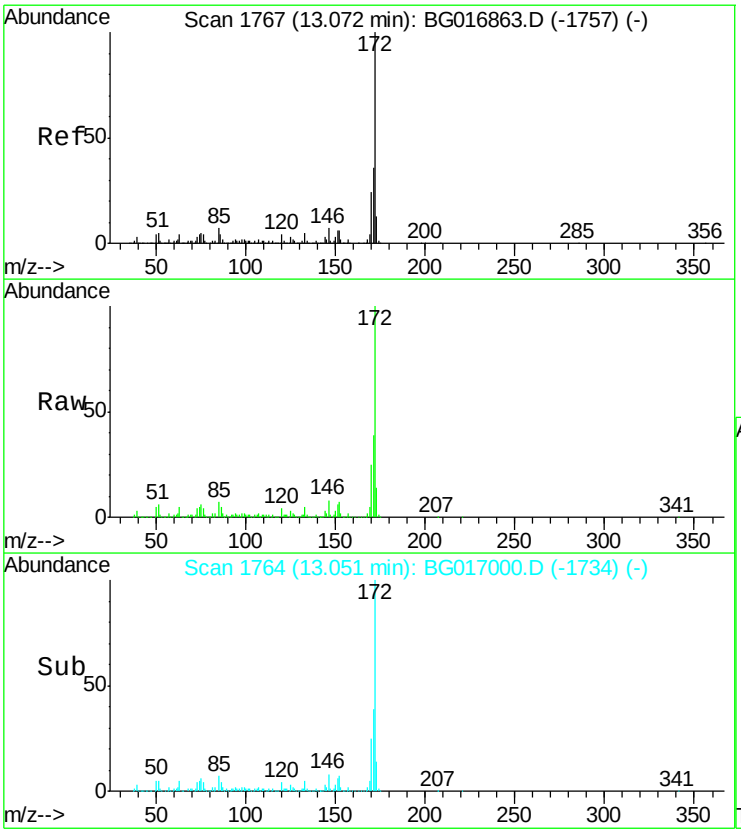
#41
2,4,6-Tribromophenol
Concen: 175.96 ng
RT: 15.92 min Scan# 2252
Delta R.T. -0.02 min
Lab File: BG017000.D
Acq: 9 May 2015 21:32

Instrument :
BNA_G
ClientSampleId :
S8-0443

Tgt Ion:330 Resp: 312387

Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	50.6	0.0	0.0#

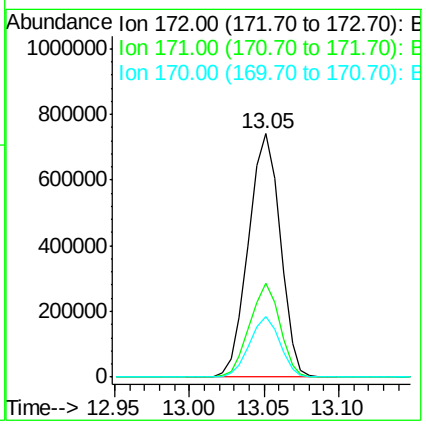


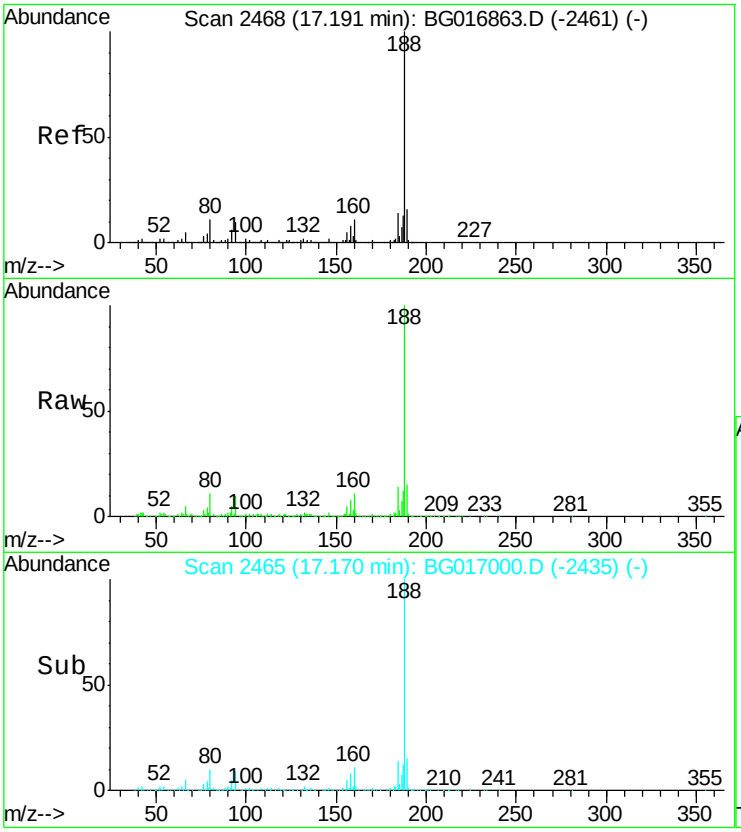


#44
2-Fluorobiphenyl
Concen: 92.89 ng
RT: 13.05 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BG017000.D
Acq: 9 May 2015 21:32

Tgt Ion:172 Resp: 1088615

Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.0	43.4
170	25.1	19.0	28.4



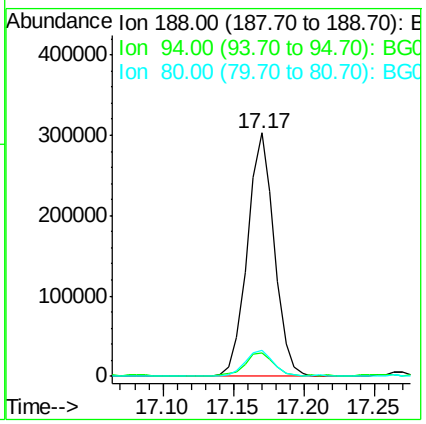


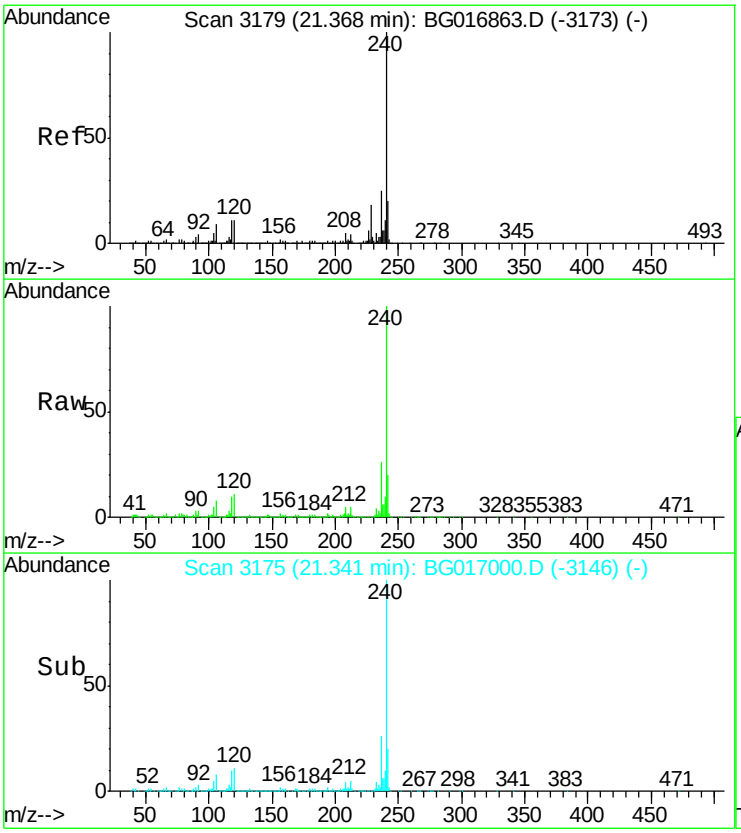
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.02 min
Lab File: BG017000.D
Acq: 9 May 2015 21:32

Instrument :
BNA_G
ClientSampleId :
S8-0443

Tgt Ion:188 Resp: 405023

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.4
80	10.6	8.8	13.2

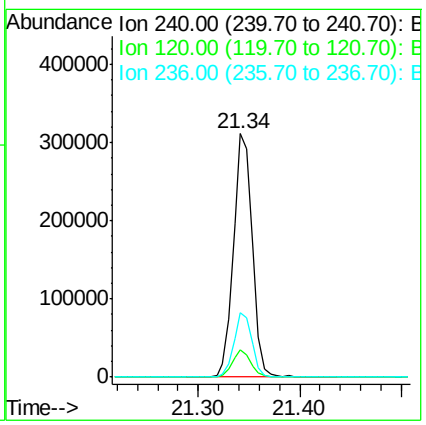


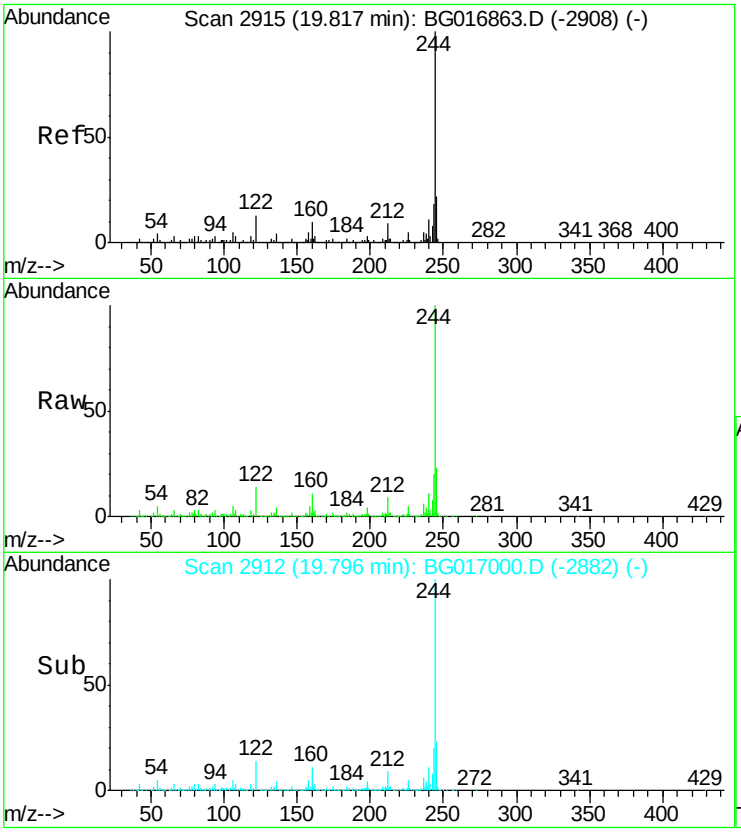


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 3175
Delta R.T. -0.03 min
Lab File: BG017000.D
Acq: 9 May 2015 21:32

Tgt Ion:240 Resp: 399575

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.1	13.7
236	26.4	20.2	30.4



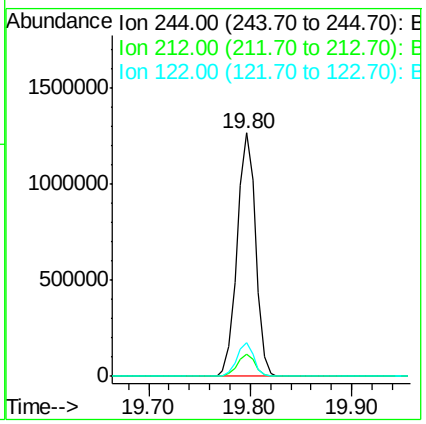


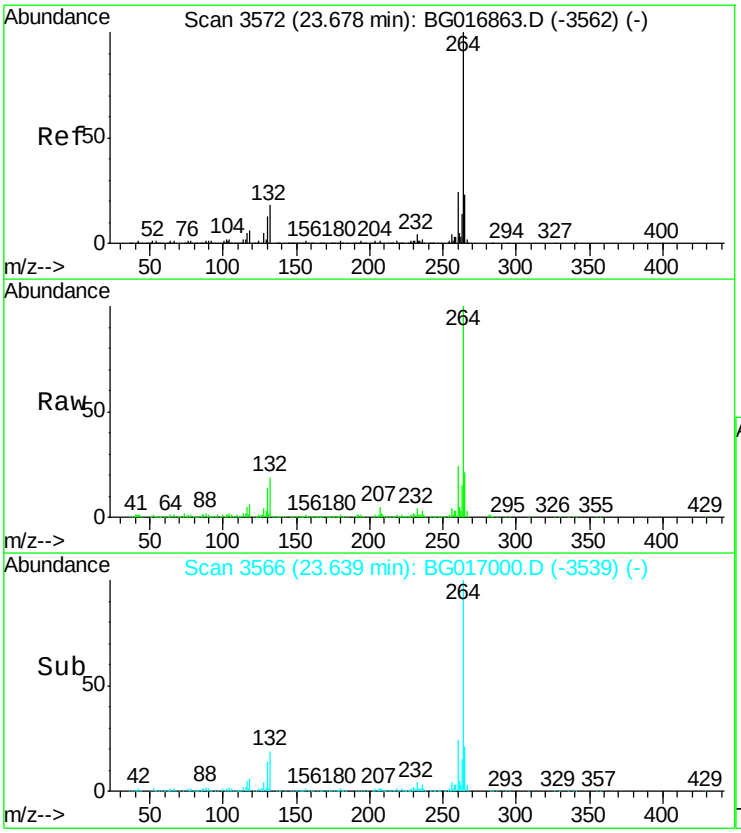
#78
Terphenyl-d14
Concen: 93.66 ng
RT: 19.80 min Scan# 2912
Delta R.T. -0.02 min
Lab File: BG017000.D
Acq: 9 May 2015 21:32

Instrument :
BNA_G
ClientSampleId :
S8-0443

Tgt Ion:244 Resp: 1596458

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.0	10.6
122	13.6	10.4	15.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3566
Delta R.T. -0.04 min
Lab File: BG017000.D
Acq: 9 May 2015 21:32

Tgt Ion:264 Resp: 390976

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.4	18.5	27.7