Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG017040.D
Acq On : 11 May 2015 1:20
Operator : TP/IZ
Sample : G2109-06
Misc :
ALS Vial : 79 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-31

Quant Time: May 11 05:55:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 05:17:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	66576	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	312717	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	204972	20.00	ng	0.00
63) Phenanthrene-d10	17.17	188	423071	20.00	ng	0.00
75) Chrysene-d12	21.34	240	400961	20.00	ng	0.00
86) Perylene-d12	23.64	264	406361	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	229617	60.05	ng	0.00
7) Phenol-d6	6.98	99	209952	38.43	ng	0.00
23) Nitrobenzene-d5	8.95	82	548734	85.72	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	319260	155.15	ng	0.00
44) 2-Fluorobiphenyl	13.05	172	1150367	84.69	ng	0.00
78) Terphenyl-d14	19.80	244	1403723	82.07	ng	0.00
Target Compounds						Qvalue

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

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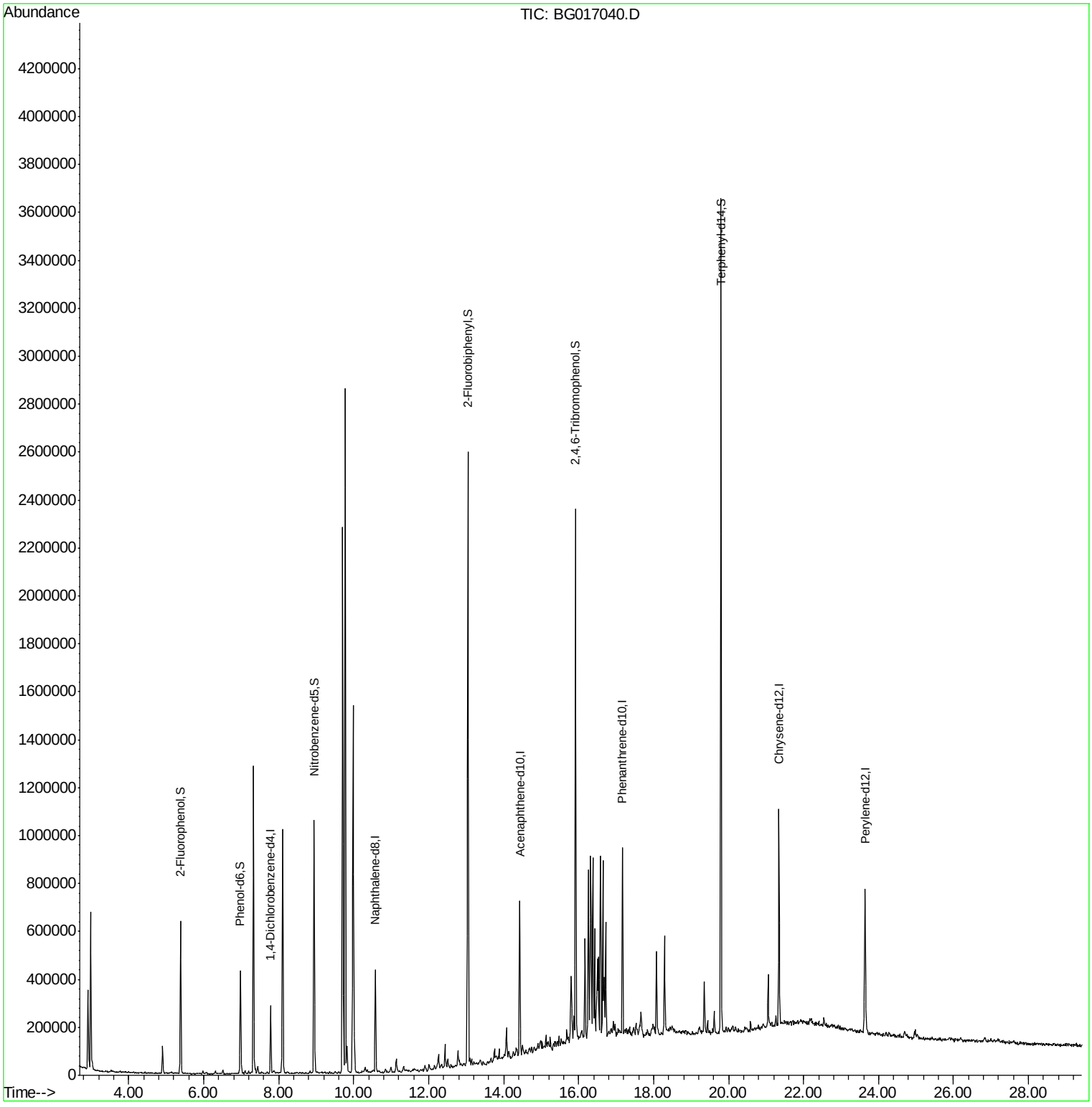
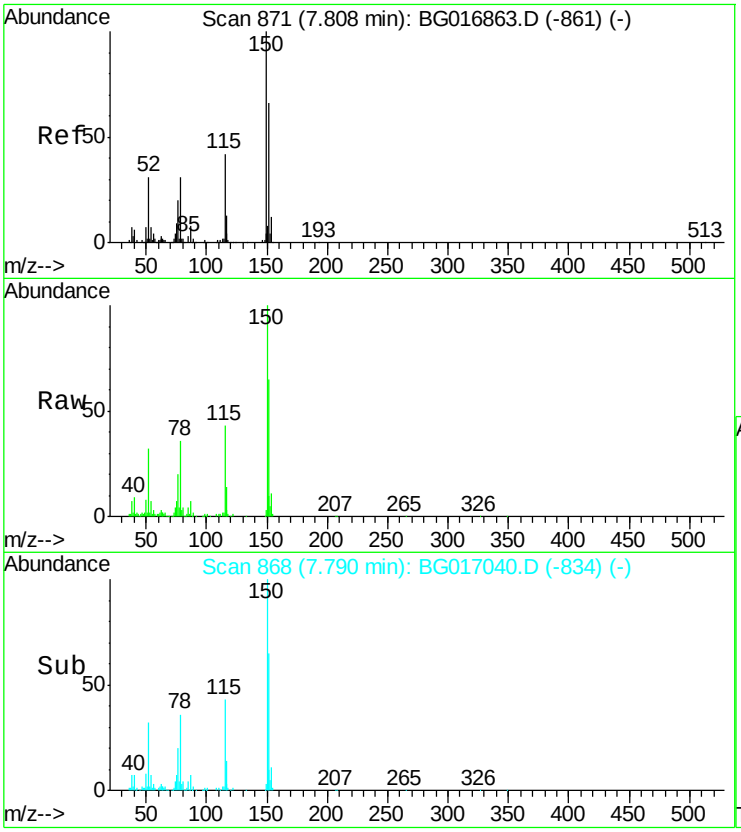


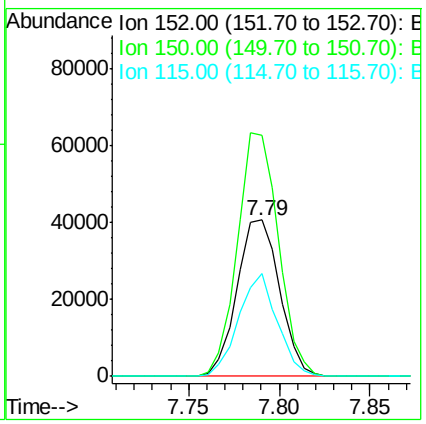


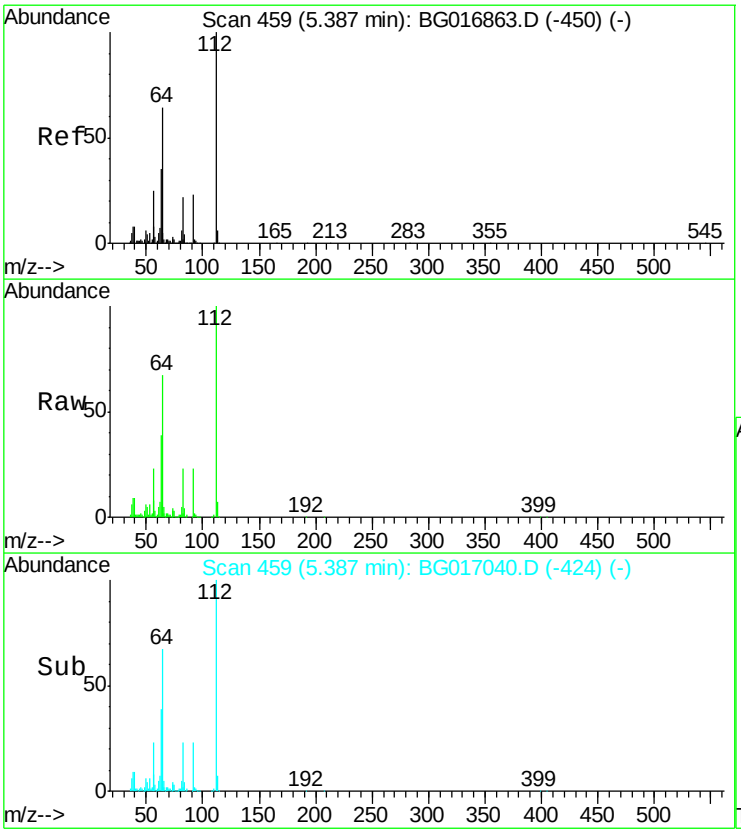
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. 0.00 min
Lab File: BG017040.D
Acq: 11 May 2015 1:20

Instrument :
BNA_G
ClientSampleId :
W-31

Tgt Ion:152 Resp: 66576

Ion	Ratio	Lower	Upper
152	100		
150	154.0	121.0	181.4
115	66.1	50.5	75.7

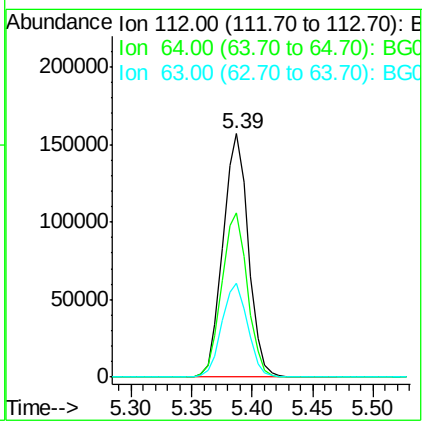


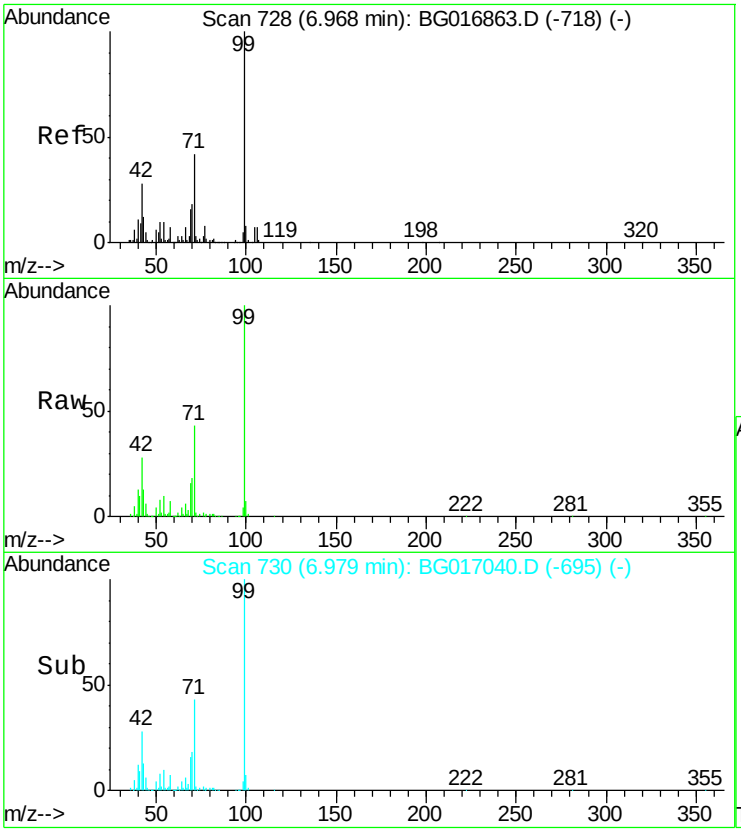


#5
2-Fluorophenol
Concen: 60.05 ng
RT: 5.39 min Scan# 459
Delta R.T. 0.01 min
Lab File: BG017040.D
Acq: 11 May 2015 1:20

Tgt Ion:112 Resp: 229617

Ion	Ratio	Lower	Upper
112	100		
64	67.4	51.4	77.2
63	38.7	28.1	42.1



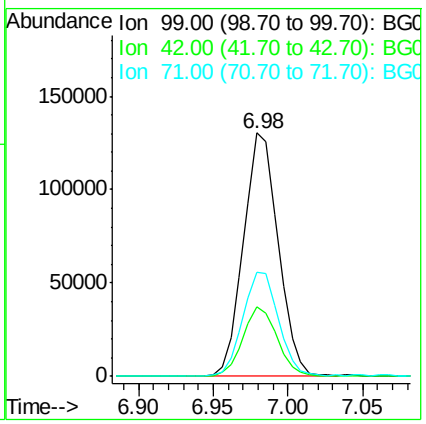


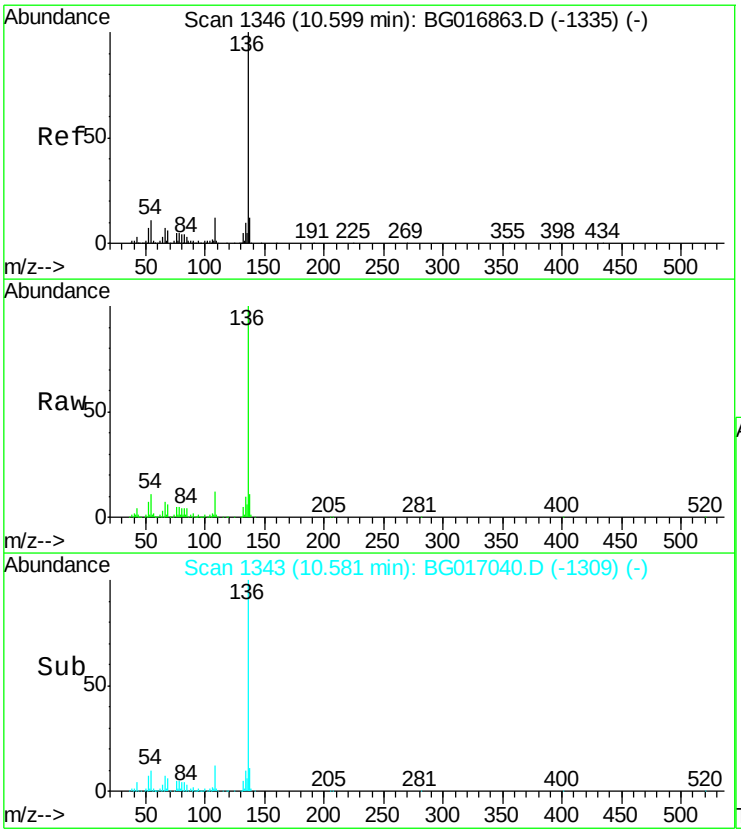
#7
Phenol-d6
Concen: 38.43 ng
RT: 6.98 min Scan# 730
Delta R.T. 0.01 min
Lab File: BG017040.D
Acq: 11 May 2015 1:20

Instrument :
BNA_G
ClientSampleId :
W-31

Tgt Ion: 99 Resp: 209952

Ion	Ratio	Lower	Upper
99	100		
42	28.3	22.1	33.1
71	42.6	33.4	50.0

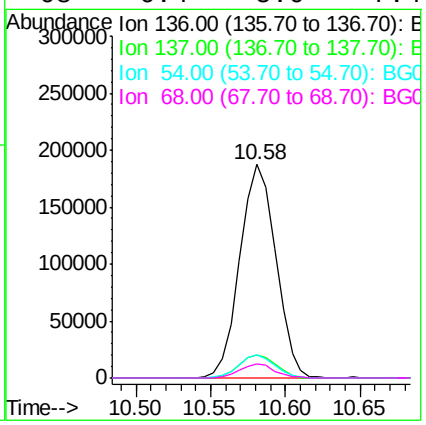


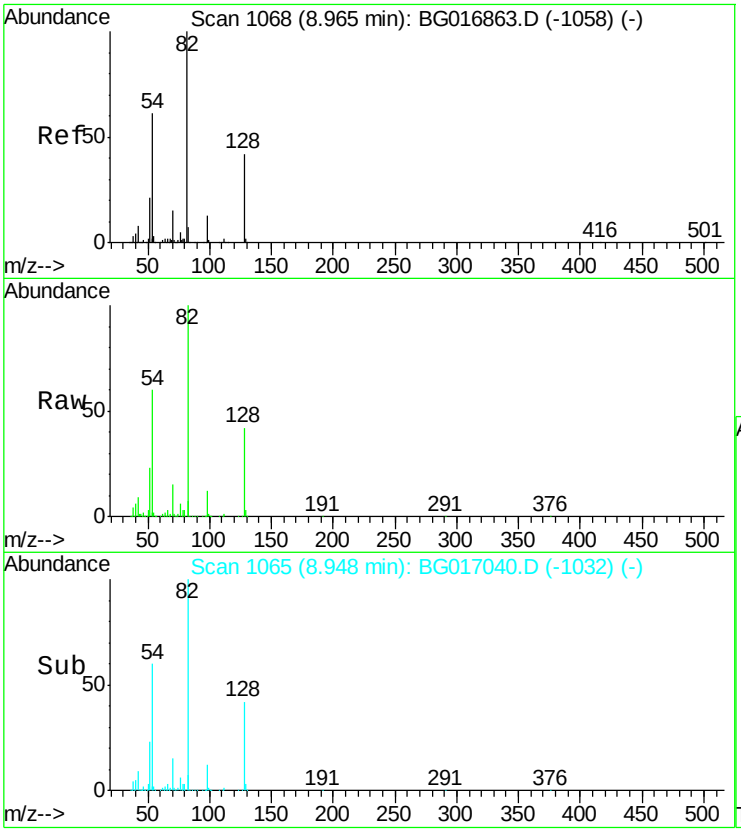


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG017040.D
Acq: 11 May 2015 1:20

Tgt Ion:136 Resp: 312717

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	10.6	8.7	13.1
68	6.4	5.0	7.4



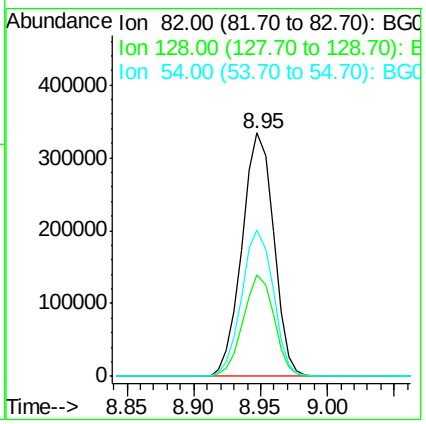


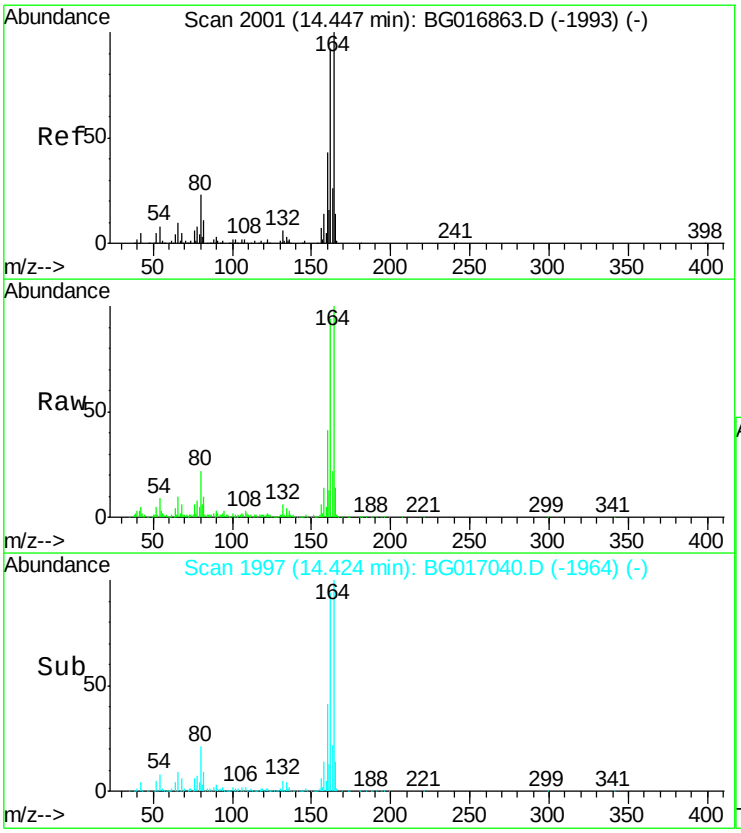
#23
Nitrobenzene-d5
Concen: 85.72 ng
RT: 8.95 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG017040.D
Acq: 11 May 2015 1:20

Instrument :
BNA_G
ClientSampleId :
W-31

Tgt Ion: 82 Resp: 548734

Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.2	49.8
54	60.0	48.6	72.8

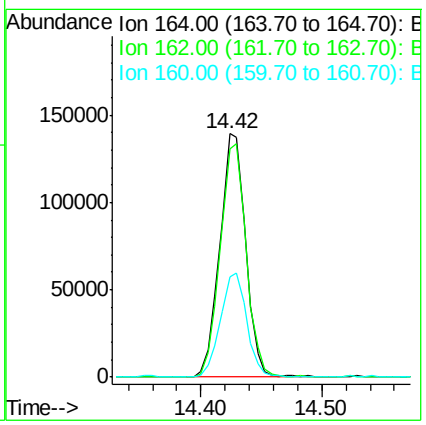


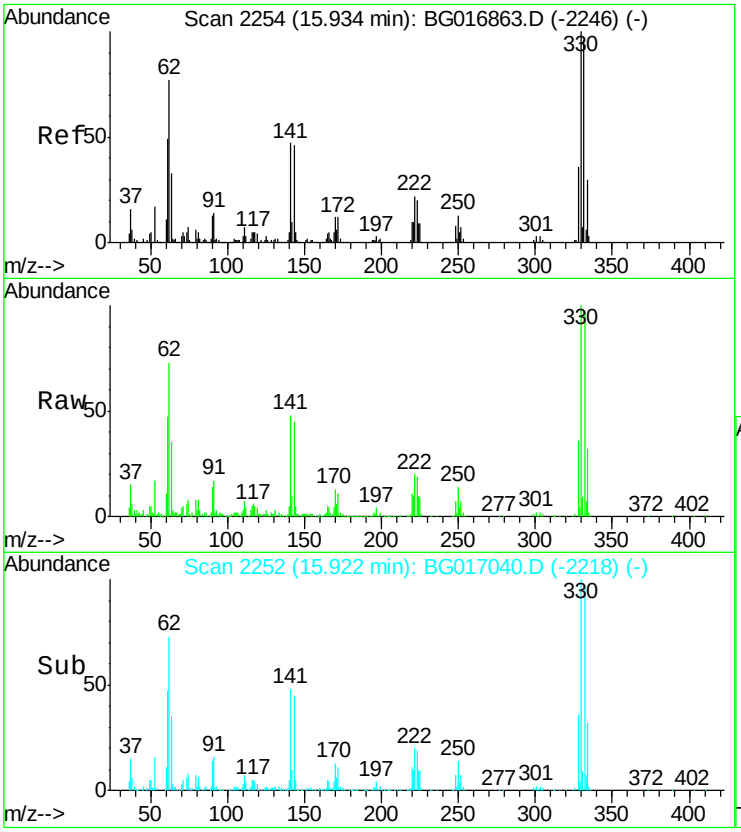


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BG017040.D
Acq: 11 May 2015 1:20

Tgt Ion:164 Resp: 204972

Ion	Ratio	Lower	Upper
164	100		
162	93.6	74.0	111.0
160	41.4	34.7	52.1



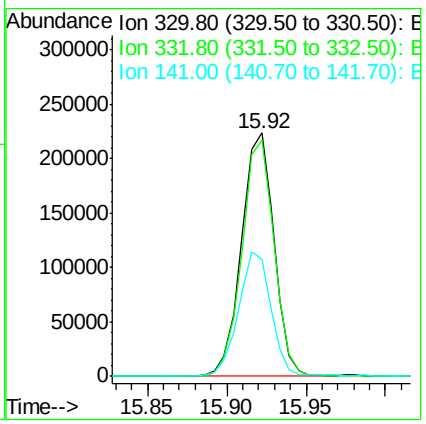


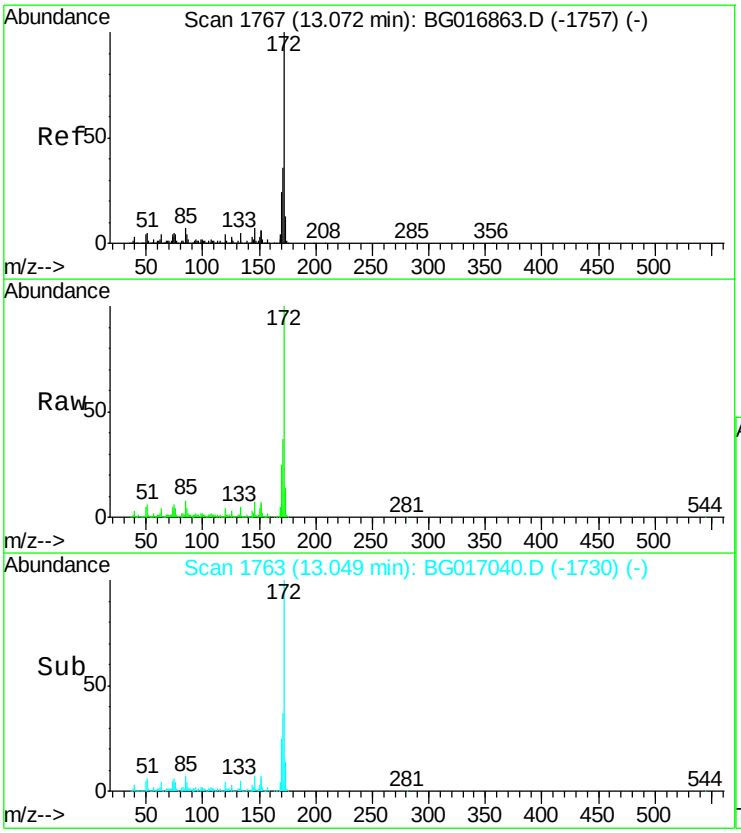
#41
2,4,6-Tribromophenol
Concen: 155.15 ng
RT: 15.92 min Scan# 2252
Delta R.T. 0.00 min
Lab File: BG017040.D
Acq: 11 May 2015 1:20

Instrument :
BNA_G
ClientSampleId :
W-31

Tgt Ion:330 Resp: 319260

Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	51.1	0.0	0.0#

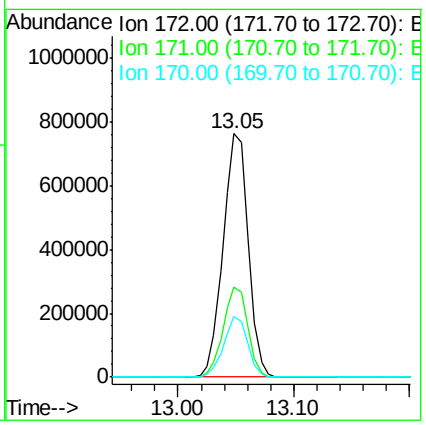


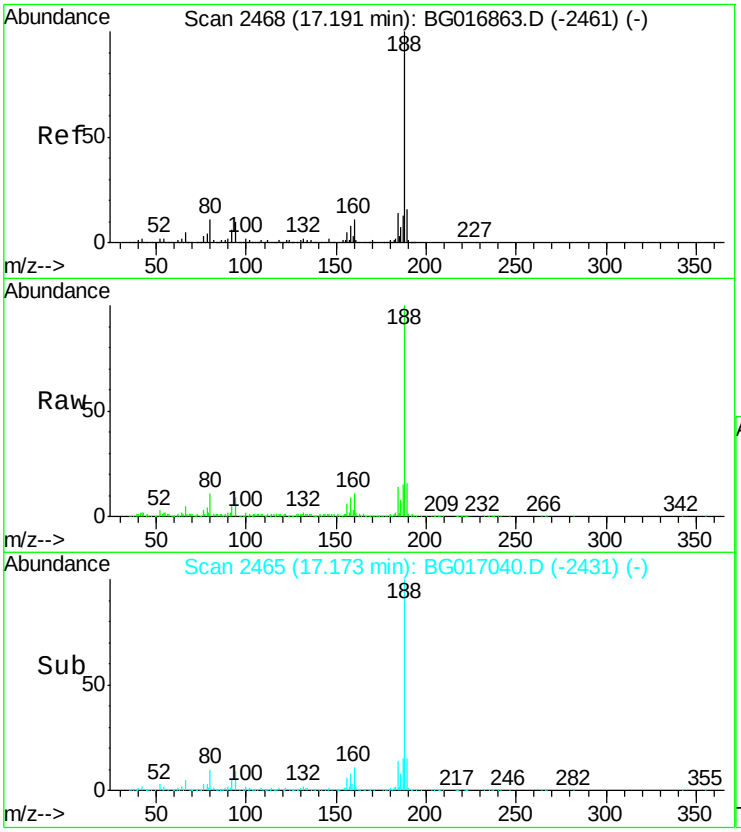


#44
2-Fluorobiphenyl
Concen: 84.69 ng
RT: 13.05 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BG017040.D
Acq: 11 May 2015 1:20

Tgt Ion:172 Resp: 1150367

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.4
170	25.1	19.0	28.4



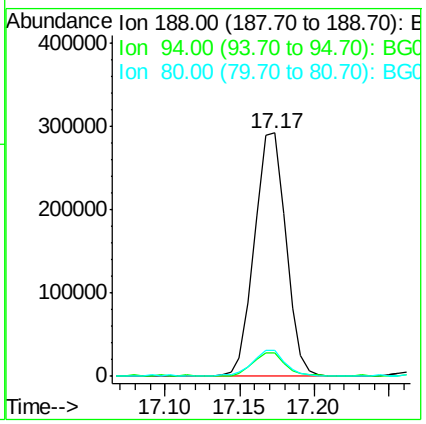


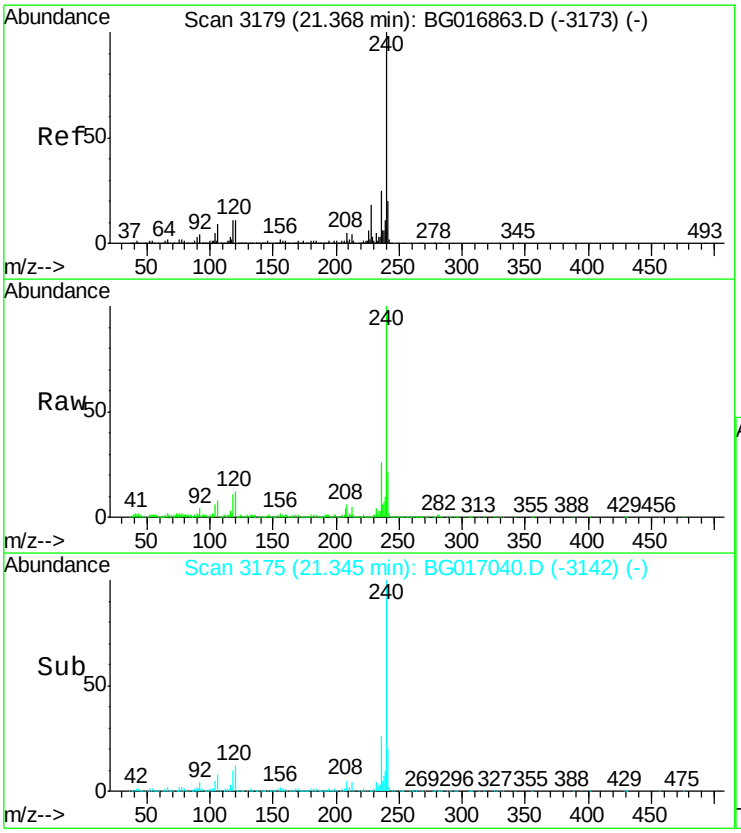
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. 0.00 min
Lab File: BG017040.D
Acq: 11 May 2015 1:20

Instrument :
BNA_G
ClientSampleId :
W-31

Tgt Ion:188 Resp: 423071

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.2	12.4
80	10.5	8.8	13.2

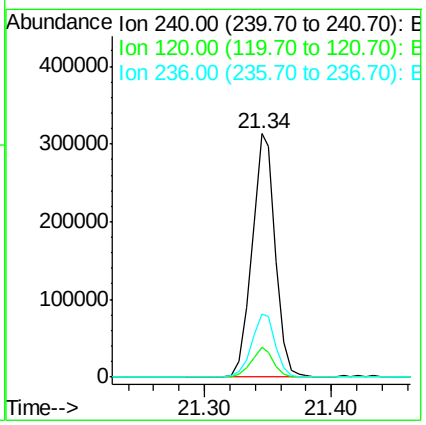


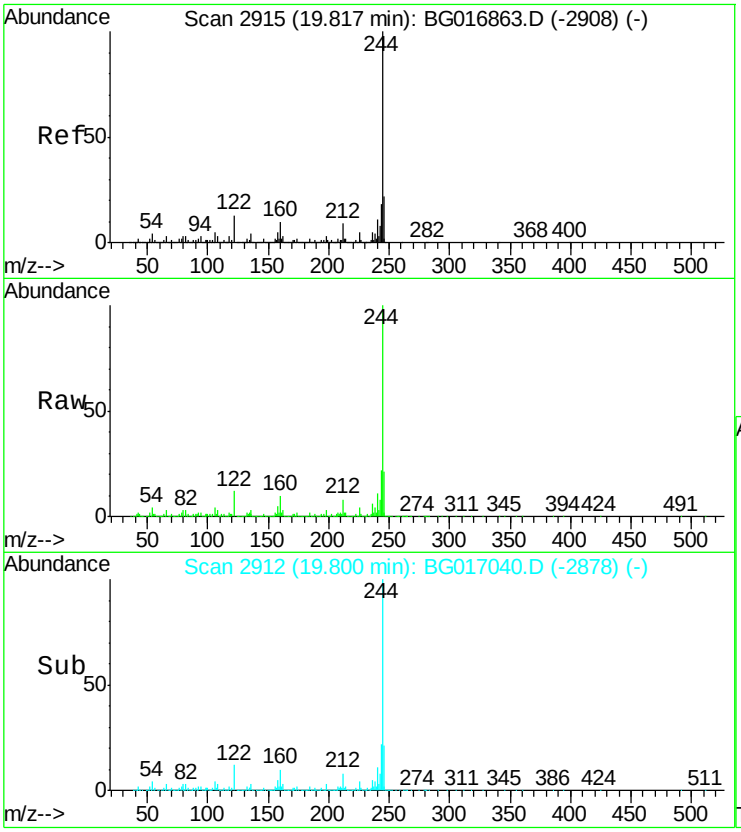


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 3175
Delta R.T. -0.00 min
Lab File: BG017040.D
Acq: 11 May 2015 1:20

Tgt Ion:240 Resp: 400961

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.1	13.7
236	25.8	20.2	30.4



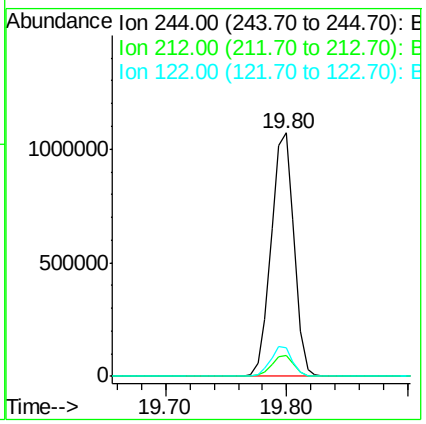


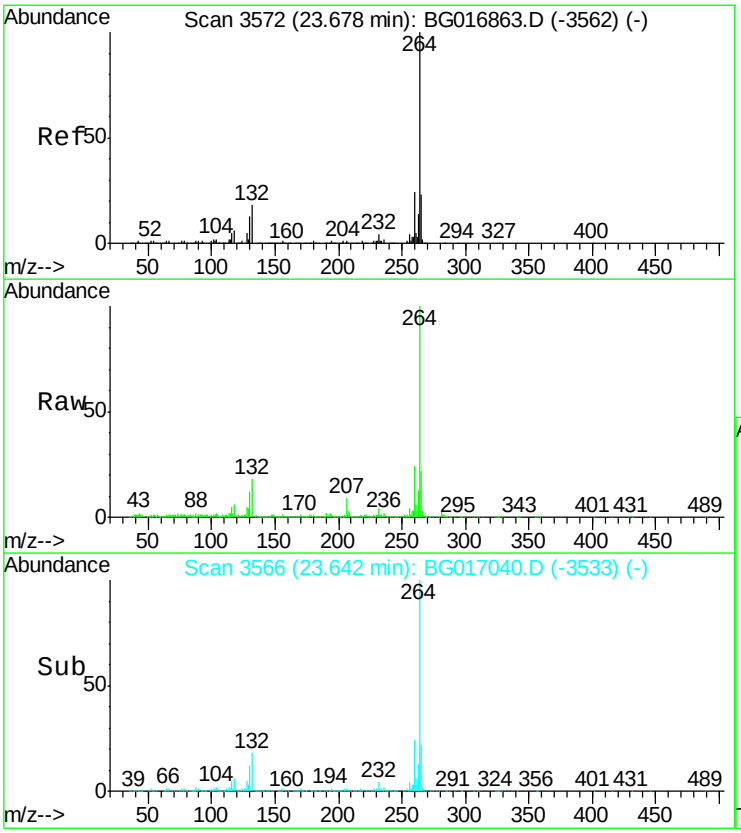
#78
Terphenyl-d14
Concen: 82.07 ng
RT: 19.80 min Scan# 2912
Delta R.T. 0.00 min
Lab File: BG017040.D
Acq: 11 May 2015 1:20

Instrument :
BNA_G
ClientSampleId :
W-31

Tgt Ion:244 Resp: 1403723

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.6
122	11.8	10.4	15.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3566
Delta R.T. -0.00 min
Lab File: BG017040.D
Acq: 11 May 2015 1:20

Tgt Ion:264 Resp: 406361

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.2	18.5	27.7