Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052715\
Data File : BG017304.D
Acq On : 27 May 2015 16:16
Operator : TP/IZ
Sample : PB83614BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB83614BL

Quant Time: May 28 03:29:00 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 02:22:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	22948	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	90905	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	59820	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	158047	20.00	ng	0.00
75) Chrysene-d12	21.25	240	185056	20.00	ng	0.00
86) Perylene-d12	23.50	264	177076	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	181673	140.46	ng	0.00
7) Phenol-d6	6.87	99	232345	128.01	ng	0.00
23) Nitrobenzene-d5	8.82	82	153259	78.71	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	106888	147.81	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	321823	78.94	ng	0.00
78) Terphenyl-d14	19.70	244	697041	78.49	ng	0.00
Target Compounds						Qvalue

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

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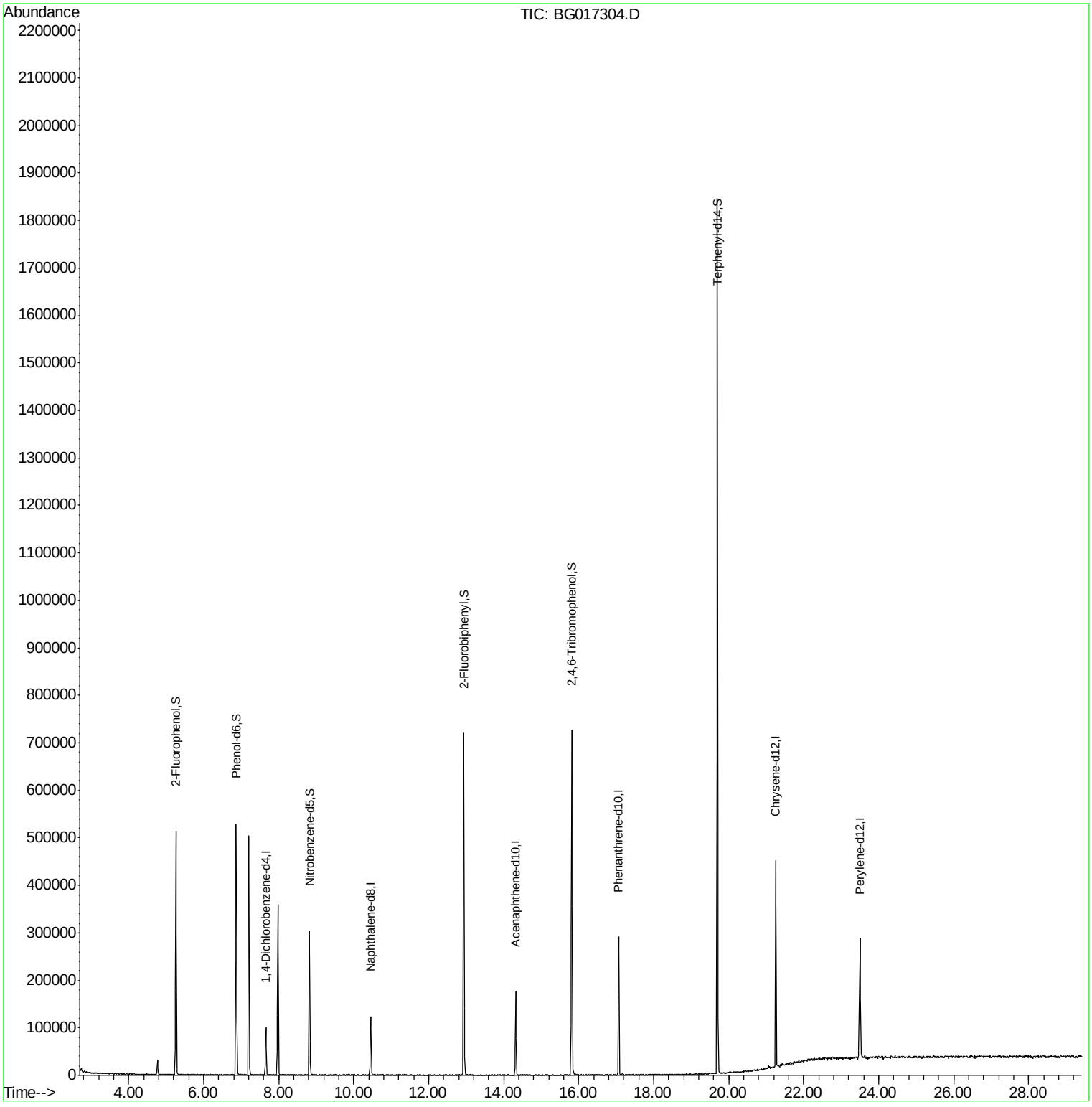
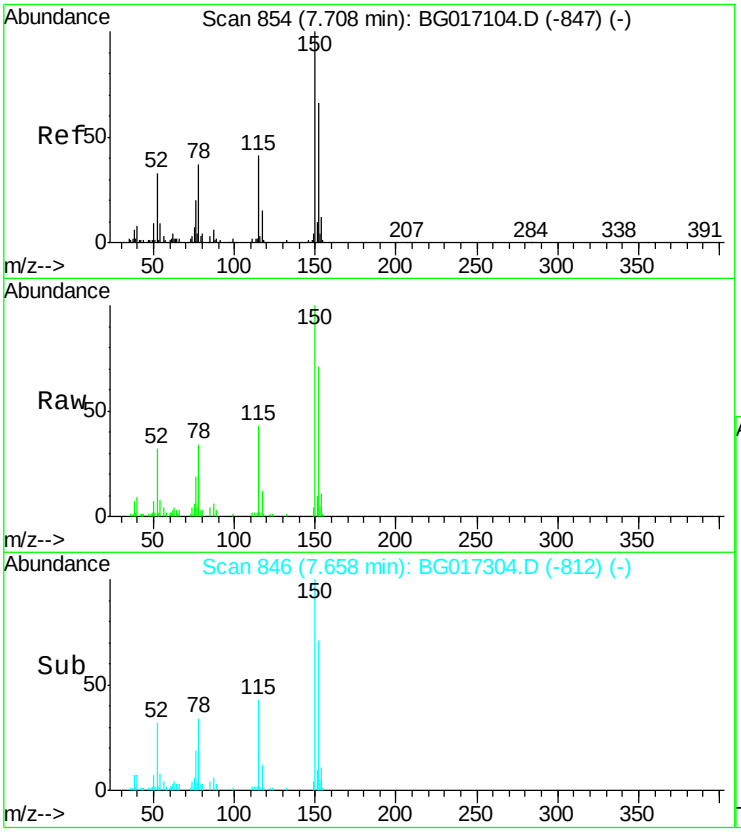


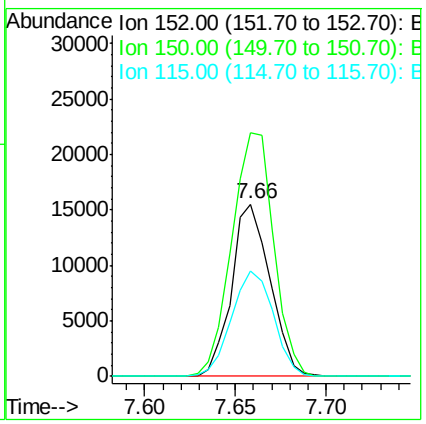


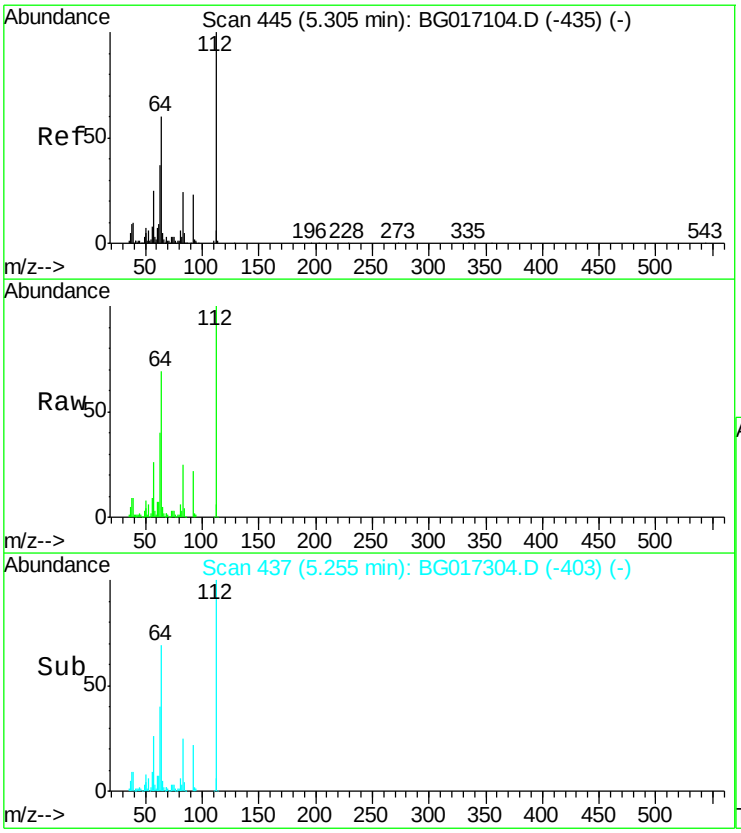
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.66 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG017304.D
Acq: 27 May 2015 16:16

Instrument :
BNA_G
ClientSampleId :
PB83614BL

Tgt Ion:152 Resp: 22948

Ion	Ratio	Lower	Upper
152	100		
150	141.3	120.8	181.2
115	60.8	49.4	74.2

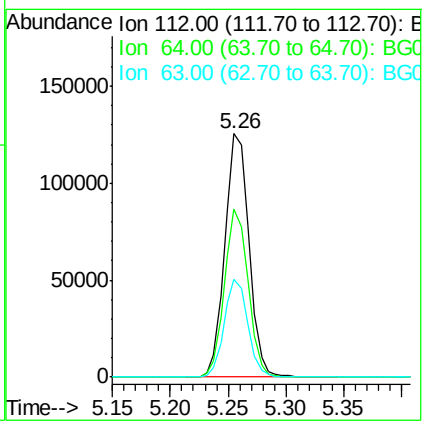


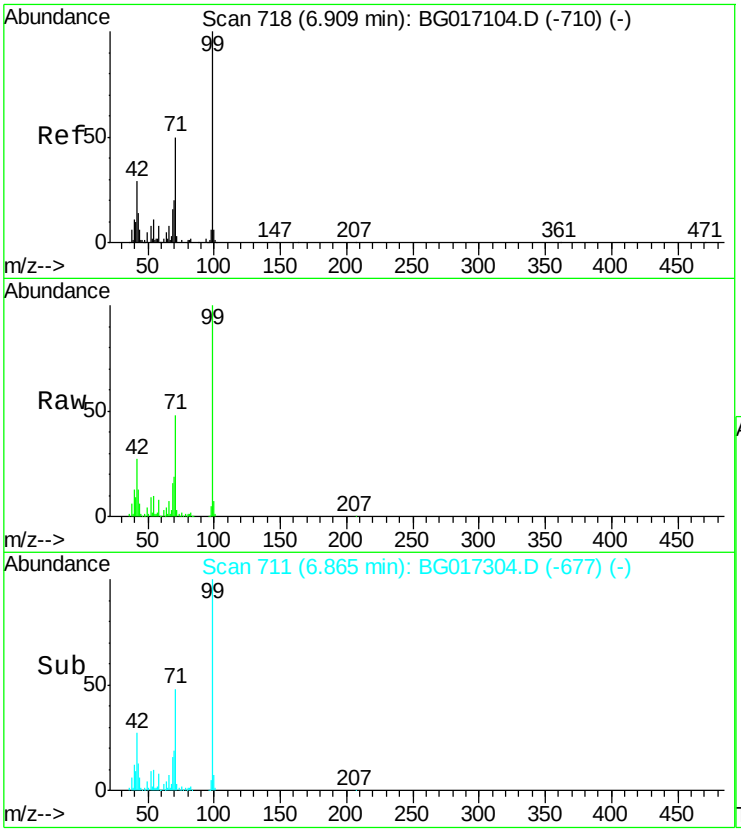


#5
2-Fluorophenol
Concen: 140.46 ng
RT: 5.26 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG017304.D
Acq: 27 May 2015 16:16

Tgt Ion:112 Resp: 181673

Ion	Ratio	Lower	Upper
112	100		
64	69.0	48.1	72.1
63	40.3	29.8	44.8



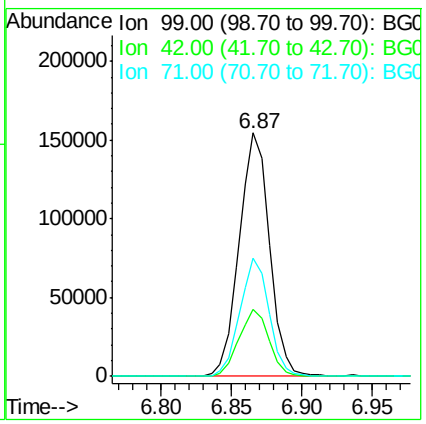


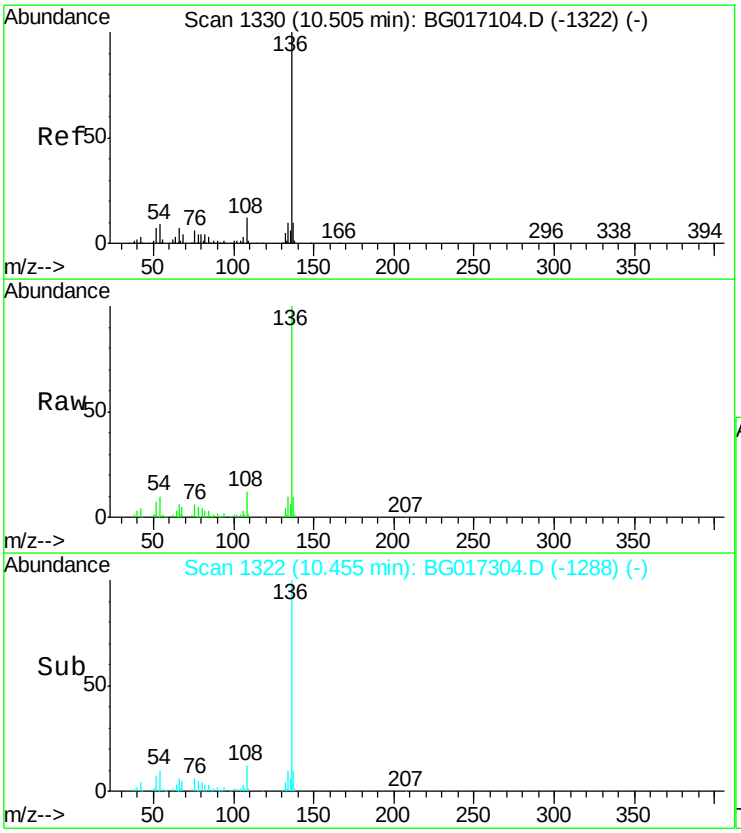
#7
Phenol-d6
Concen: 128.01 ng
RT: 6.87 min Scan# 711
Delta R.T. -0.00 min
Lab File: BG017304.D
Acq: 27 May 2015 16:16

Instrument :
BNA_G
ClientSampleId :
PB83614BL

Tgt Ion: 99 Resp: 232345

Ion	Ratio	Lower	Upper
99	100		
42	27.3	23.5	35.3
71	48.3	39.8	59.8

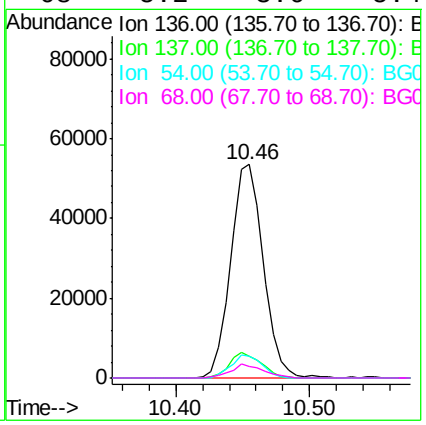


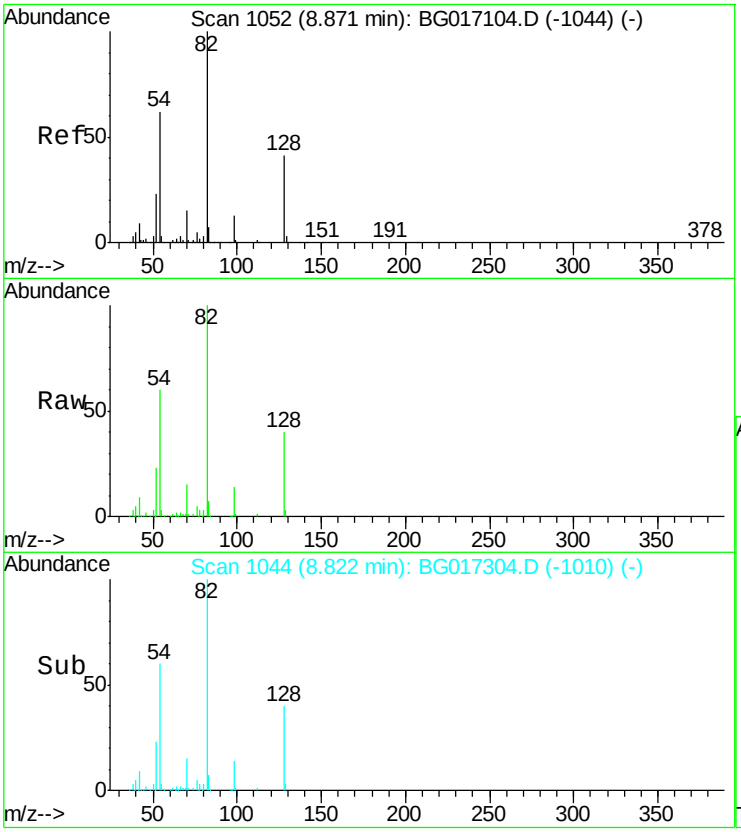


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG017304.D
Acq: 27 May 2015 16:16

Tgt Ion:136 Resp: 90905

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.3	12.5
54	10.0	7.4	11.2
68	5.2	3.6	5.4



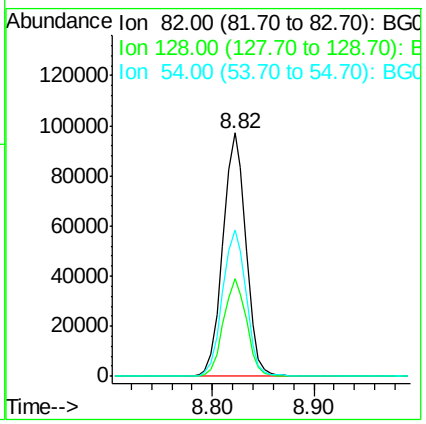


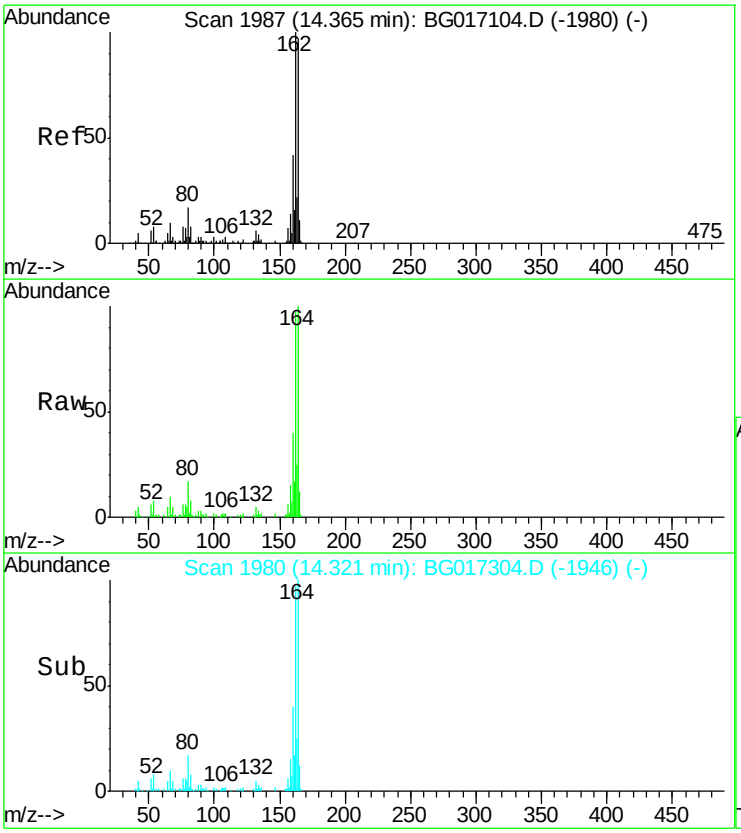
#23
Nitrobenzene-d5
Concen: 78.71 ng
RT: 8.82 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BG017304.D
Acq: 27 May 2015 16:16

Instrument :
BNA_G
ClientSampleId :
PB83614BL

Tgt Ion: 82 Resp: 153259

Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.6	49.0
54	60.3	49.6	74.4

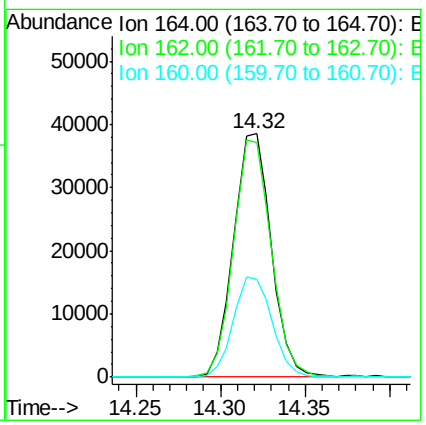


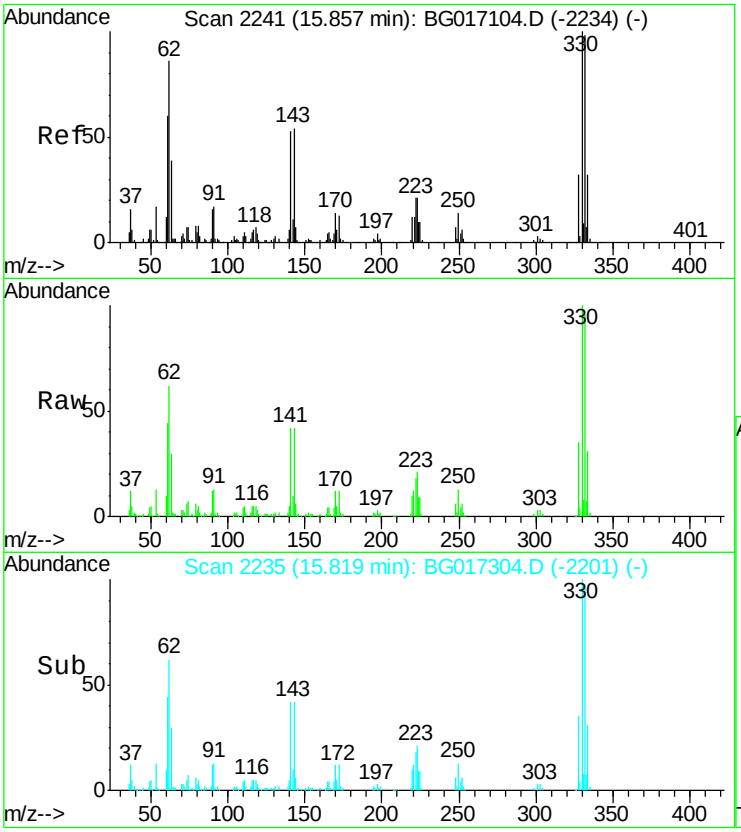


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.32 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG017304.D
Acq: 27 May 2015 16:16

Tgt Ion:164 Resp: 59820

Ion	Ratio	Lower	Upper
164	100		
162	96.5	82.1	123.1
160	40.1	34.8	52.2



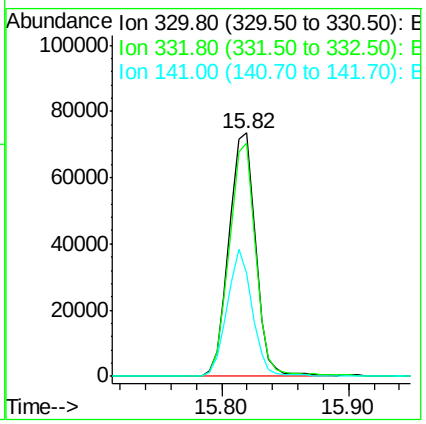


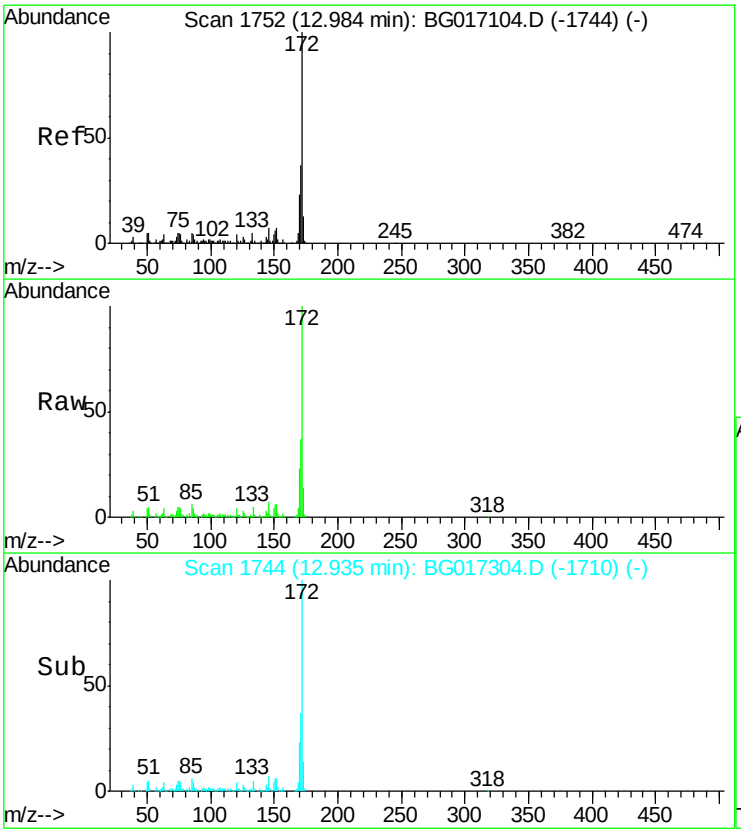
#41
2,4,6-Tribromophenol
Concen: 147.81 ng
RT: 15.82 min Scan# 2235
Delta R.T. -0.00 min
Lab File: BG017304.D
Acq: 27 May 2015 16:16

Instrument :
BNA_G
ClientSampleId :
PB83614BL

Tgt Ion:330 Resp: 106888

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	49.0	42.2	63.2

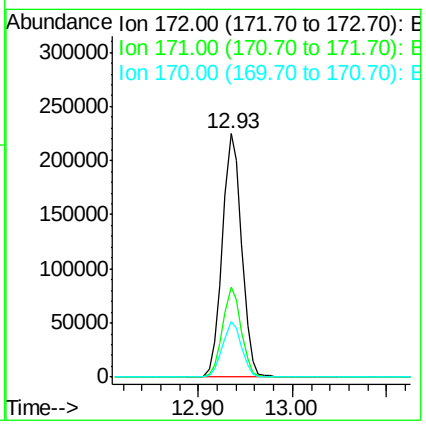


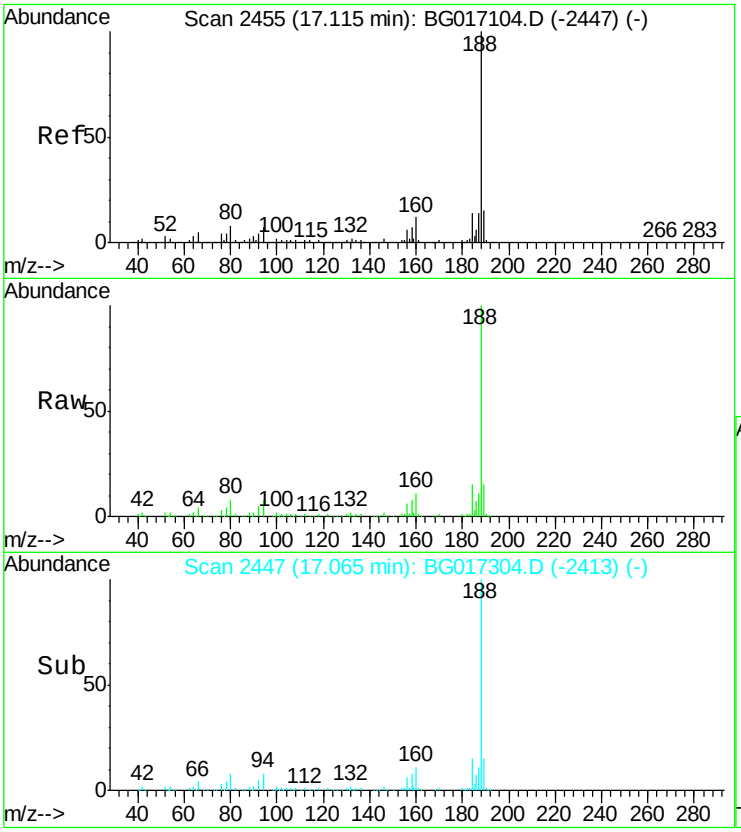


#44
2-Fluorobiphenyl
Concen: 78.94 ng
RT: 12.93 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG017304.D
Acq: 27 May 2015 16:16

Tgt Ion:172 Resp: 321823

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.0	18.4	27.6



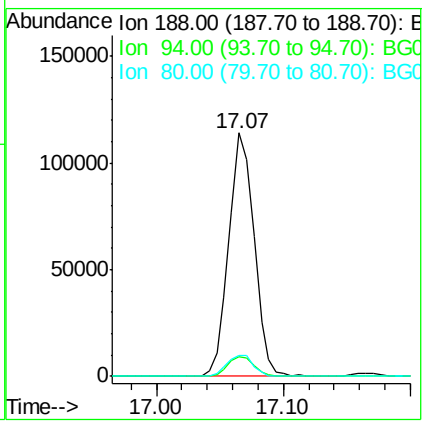


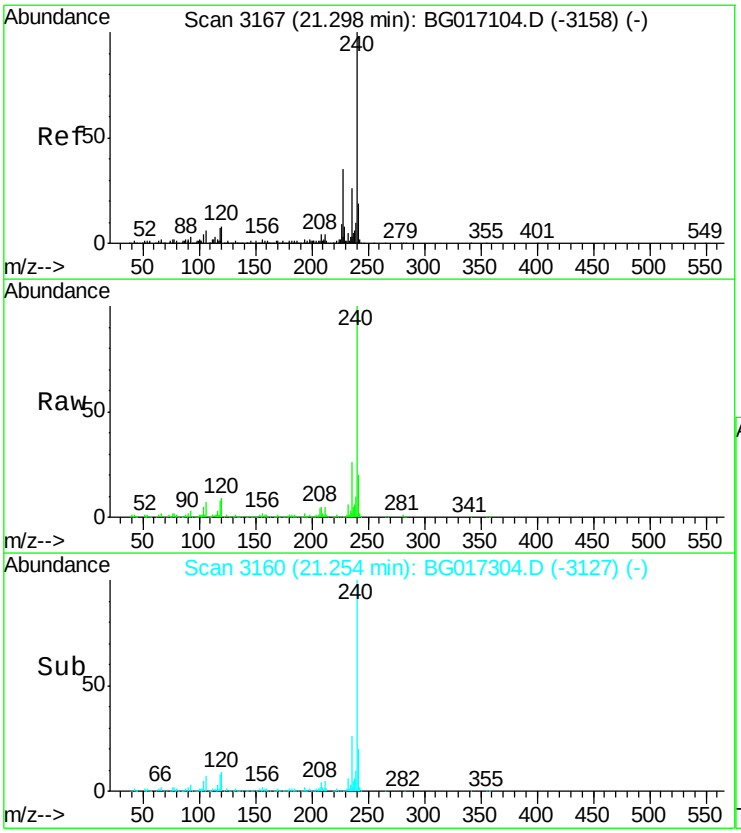
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.07 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG017304.D
Acq: 27 May 2015 16:16

Instrument :
BNA_G
ClientSampleId :
PB83614BL

Tgt Ion:188 Resp: 158047

Ion	Ratio	Lower	Upper
188	100		
94	8.3	5.8	8.6
80	8.3	6.5	9.7

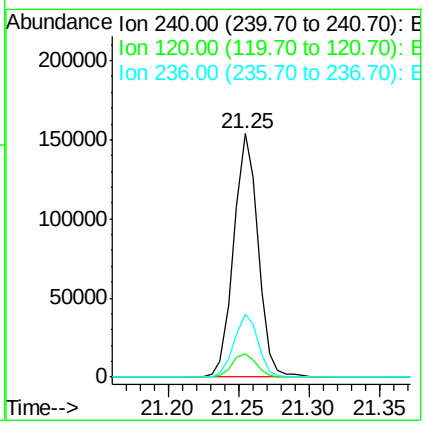


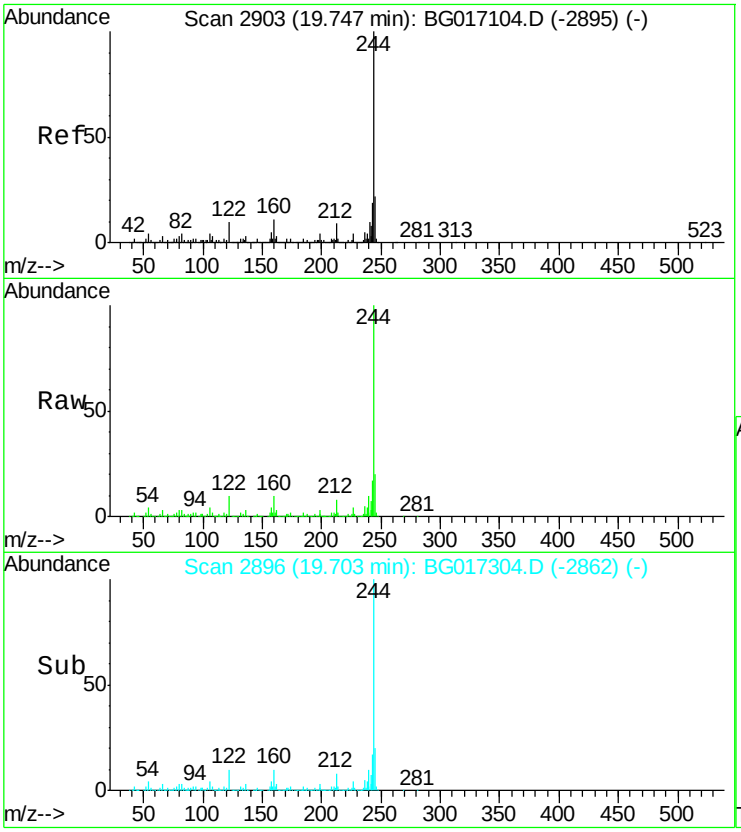


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG017304.D
Acq: 27 May 2015 16:16

Tgt Ion:240 Resp: 185056

Ion	Ratio	Lower	Upper
240	100		
120	9.4	6.0	9.0#
236	26.0	20.5	30.7



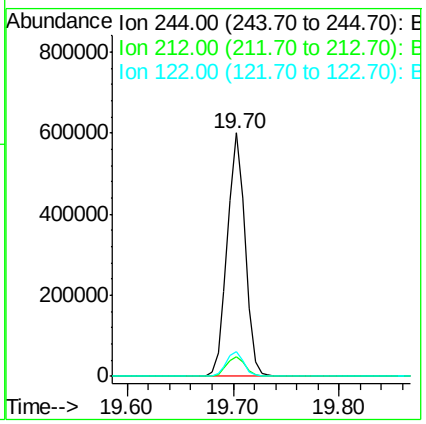


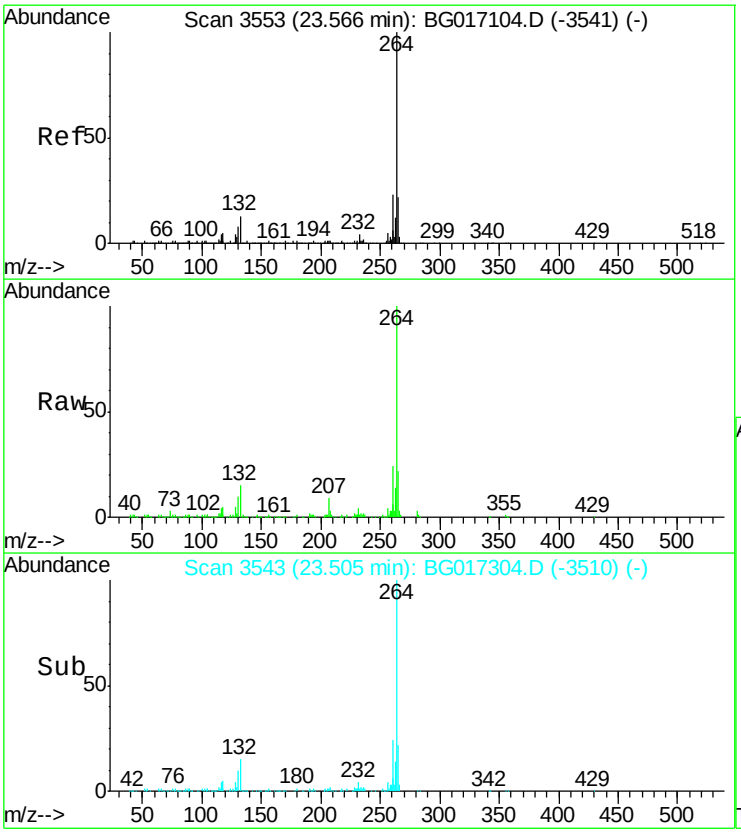
#78
Terphenyl-d14
Concen: 78.49 ng
RT: 19.70 min Scan# 2896
Delta R.T. -0.00 min
Lab File: BG017304.D
Acq: 27 May 2015 16:16

Instrument :
BNA_G
ClientSampleId :
PB83614BL

Tgt Ion:244 Resp: 697041

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.4
122	10.1	8.4	12.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.50 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG017304.D
Acq: 27 May 2015 16:16

Tgt Ion:264 Resp: 177076

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.0	27.0
265	22.1	17.4	26.0