Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
Data File : BG031607.D
Acq On : 16 Dec 2017 3:06
Operator : SJ/JU
Sample : I6884-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-20171211

Quant Time: Dec 16 04:33:51 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	71588	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	310904	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	211698	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	569237	20.00	ng	0.00
75) Chrysene-d12	21.74	240	638592	20.00	ng	0.00
86) Perylene-d12	25.02	264	546448	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	198051	49.04	ng	0.00
7) Phenol-d6	7.27	99	230138	41.05	ng	0.00
23) Nitrobenzene-d5	9.27	82	408158	80.92	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	39858	16.07	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1285124	89.11	ng	0.00
78) Terphenyl-d14	20.06	244	2437720	86.85	ng	0.00
Target Compounds						Qvalue
76) Benzidine	19.69	184	157514	10.599	ng	99

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

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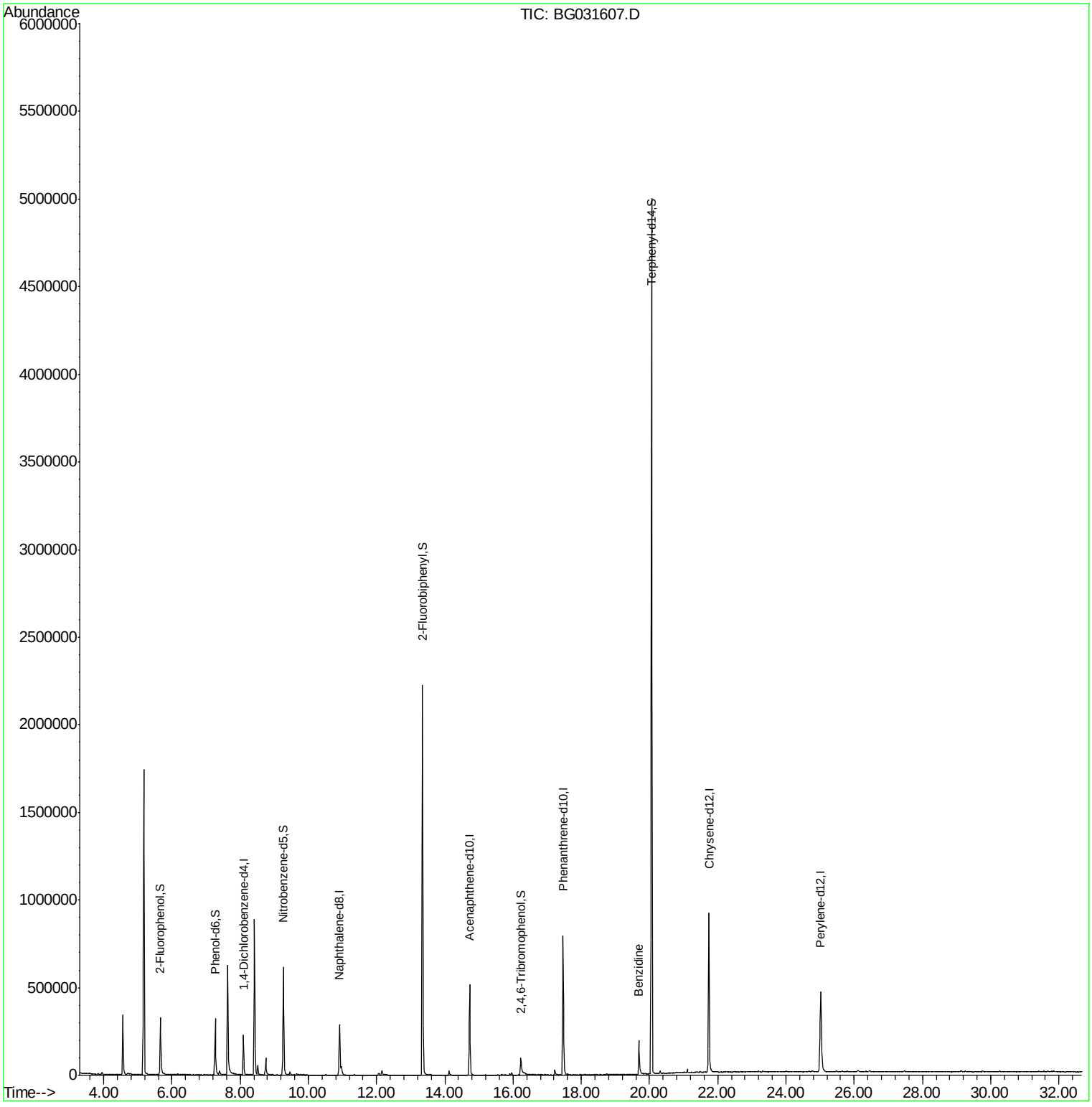
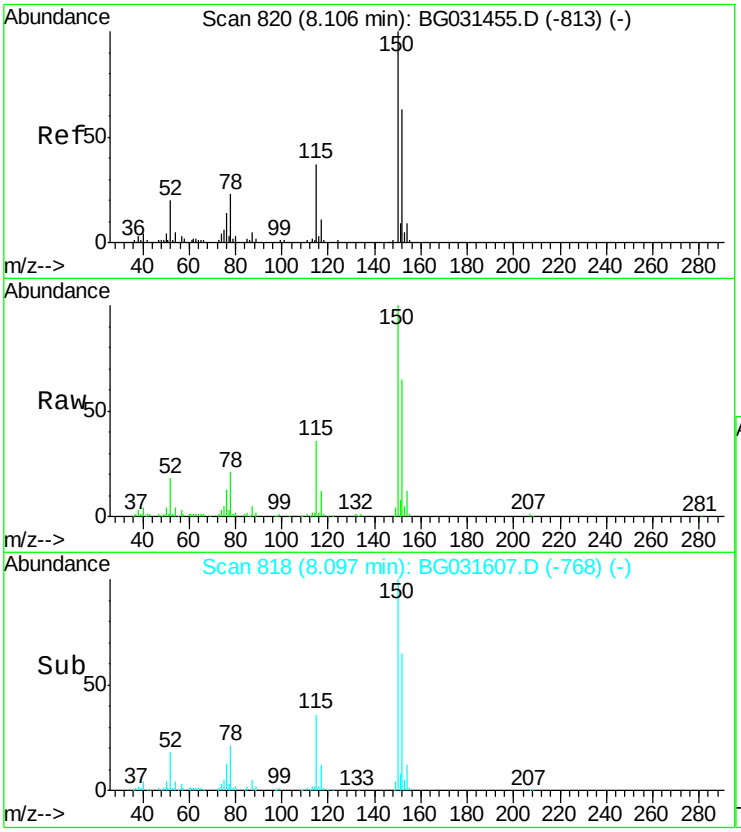


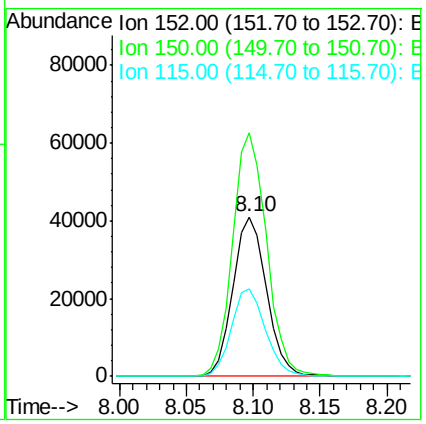


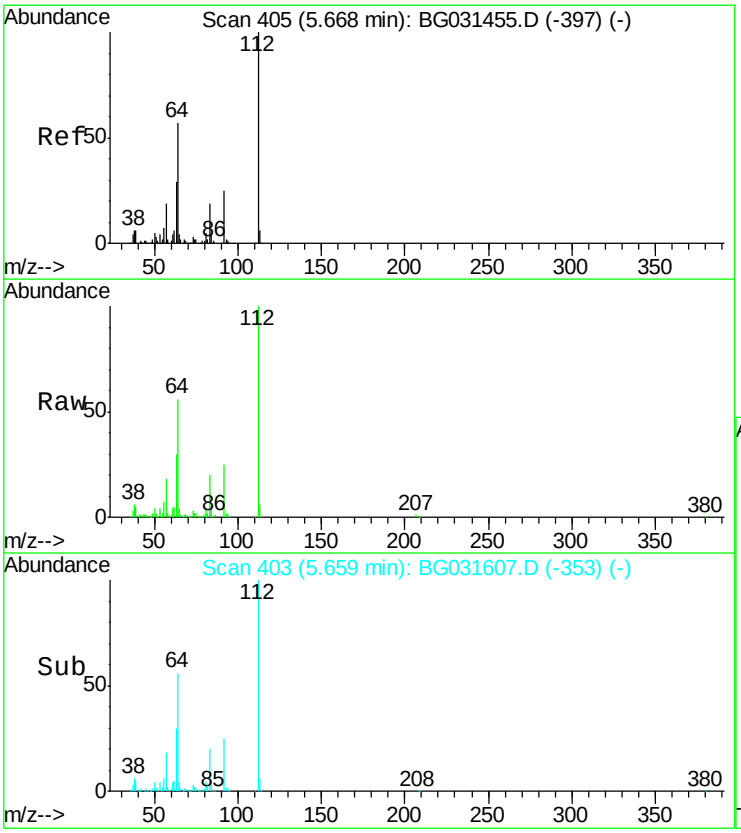
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031607.D
Acq: 16 Dec 2017 3:06

Instrument :
BNA_G
ClientSampleId :
FB-20171211

Tgt Ion:152 Resp: 71588

Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.6	189.8
115	54.9	53.0	79.4

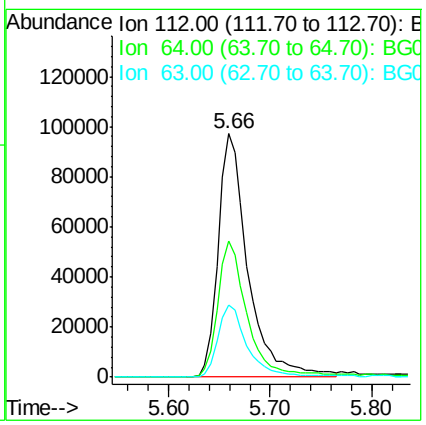


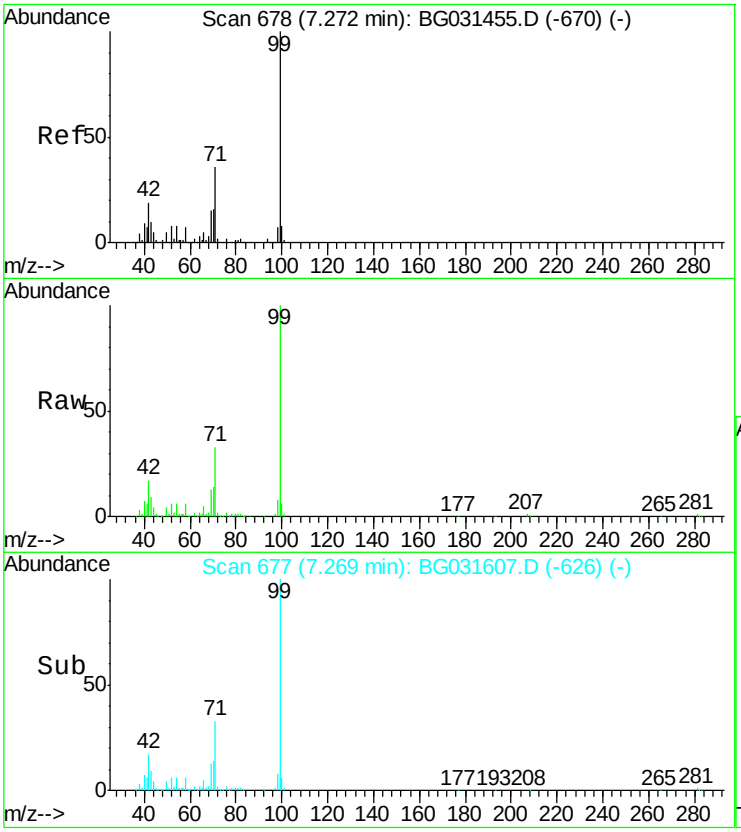


#5
2-Fluorophenol
Concen: 49.037 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031607.D
Acq: 16 Dec 2017 3:06

Tgt Ion:112 Resp: 198051

Ion	Ratio	Lower	Upper
112	100		
64	55.9	56.3	84.5#
63	29.8	30.1	45.1#



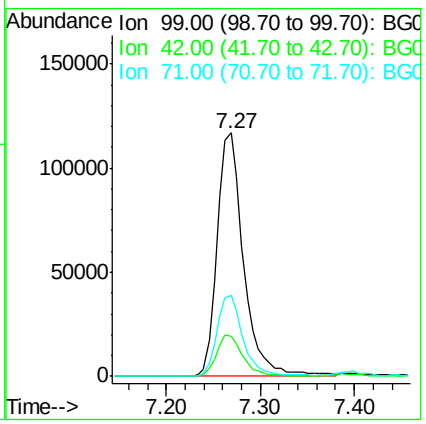


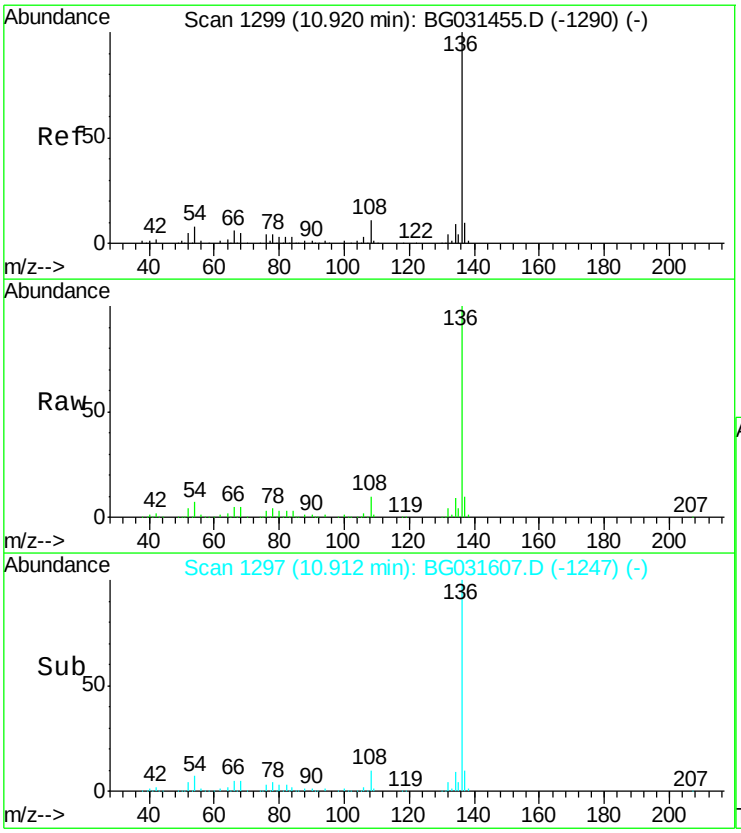
#7
Phenol-d6
Concen: 41.047 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.00 min
Lab File: BG031607.D
Acq: 16 Dec 2017 3:06

Instrument :
BNA_G
ClientSampleId :
FB-20171211

Tgt Ion: 99 Resp: 230138

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.1	21.1
71	33.4	26.1	39.1

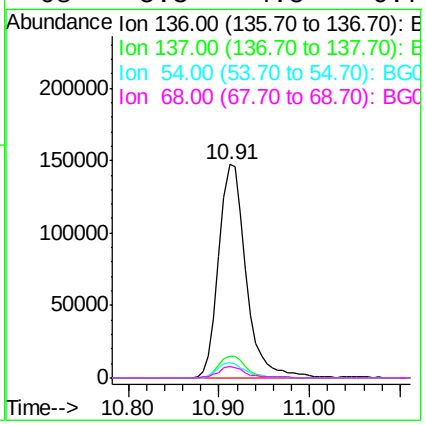


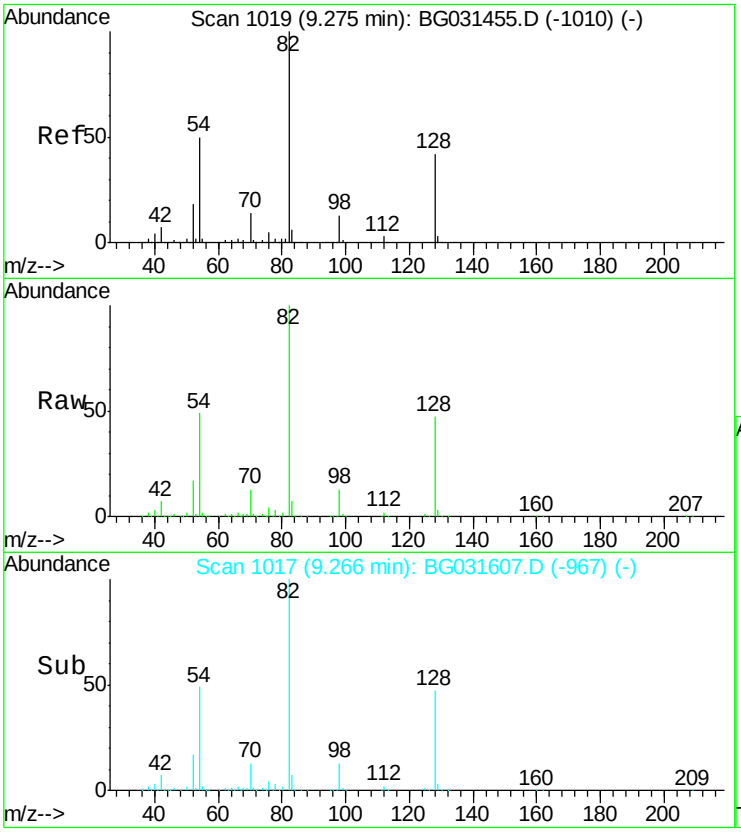


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG031607.D
Acq: 16 Dec 2017 3:06

Tgt Ion:136 Resp: 310904

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	6.9	10.3	15.5#
68	5.3	4.5	6.7



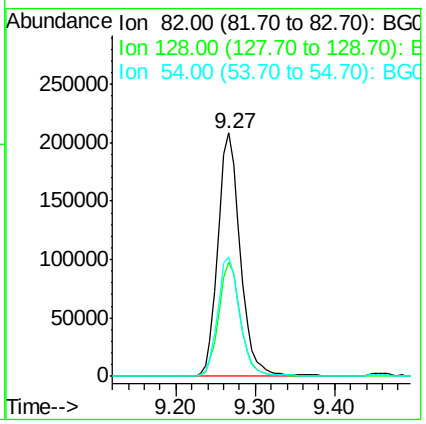


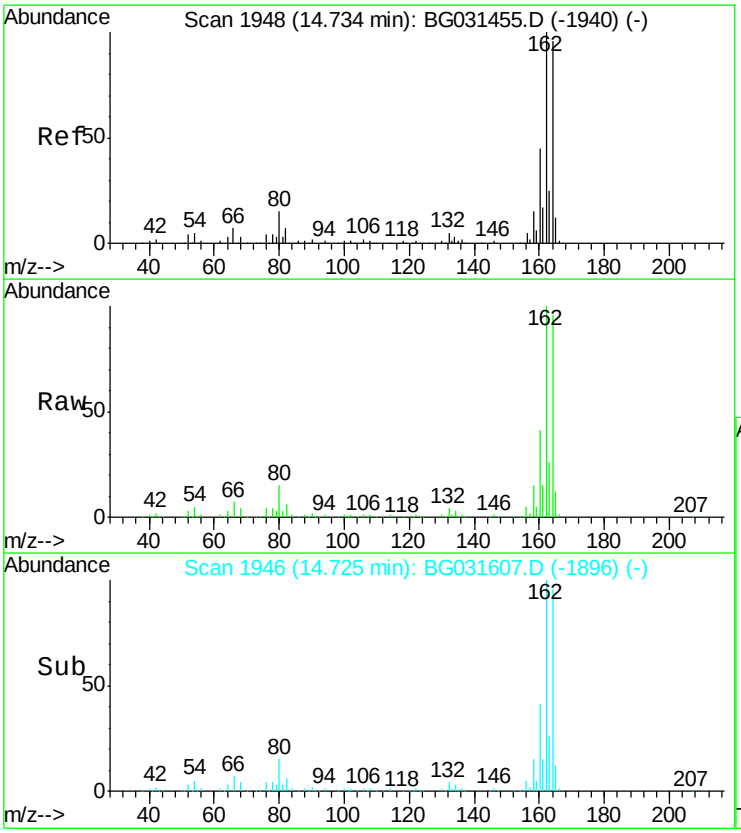
#23
Nitrobenzene-d5
Concen: 80.917 ng
RT: 9.27 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG031607.D
Acq: 16 Dec 2017 3:06

Instrument : BNA_G
ClientSampleId : FB-20171211

Tgt Ion: 82 Resp: 408158

Ion	Ratio	Lower	Upper
82	100		
128	47.2	29.7	44.5#
54	49.1	43.1	64.7

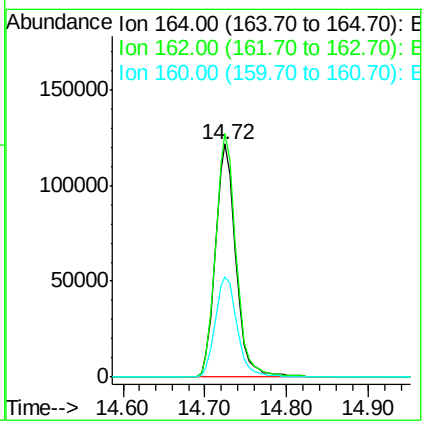


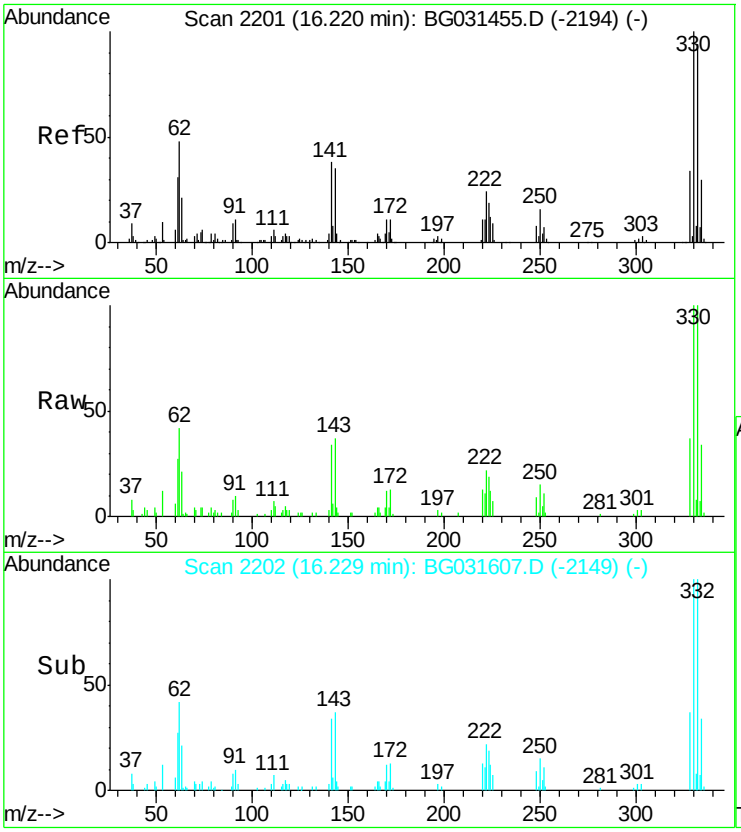


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031607.D
Acq: 16 Dec 2017 3:06

Tgt Ion:164 Resp: 211698

Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	42.9	35.4	53.0



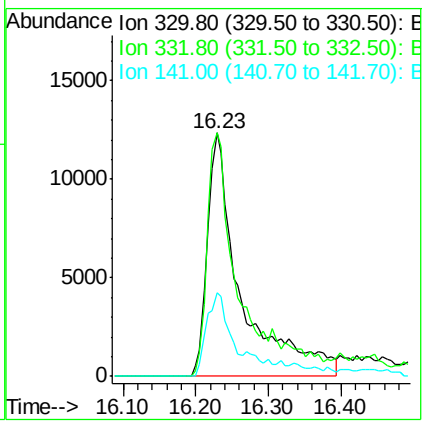


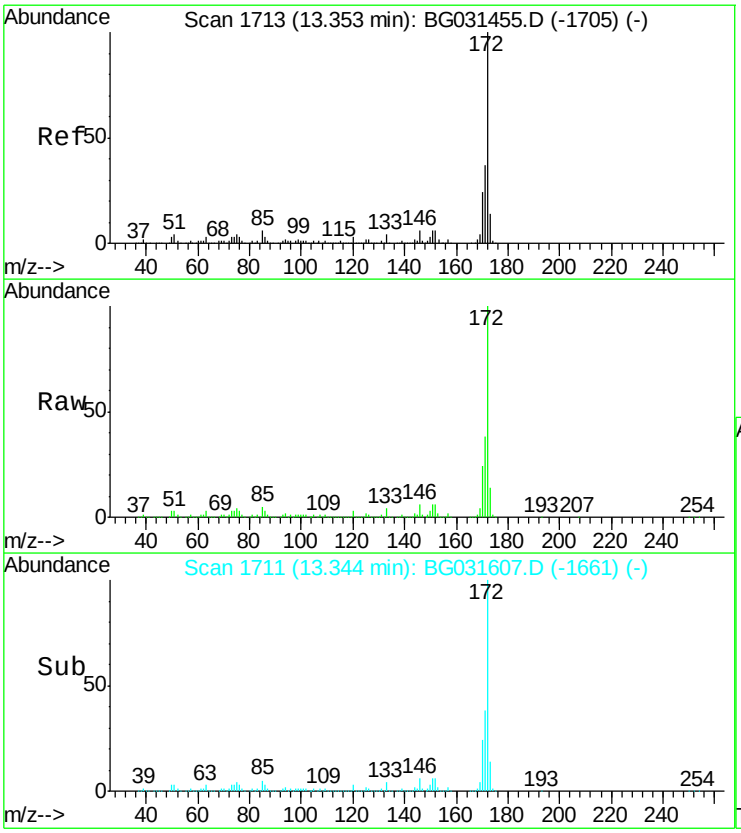
#41
2,4,6-Tribromophenol
Concen: 16.071 ng
RT: 16.23 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BG031607.D
Acq: 16 Dec 2017 3:06

Instrument :
BNA_G
ClientSampleId :
FB-20171211

Tgt Ion:330 Resp: 39858

Ion	Ratio	Lower	Upper
330	100		
332	80.1	77.0	115.6
141	23.3	25.2	37.8#

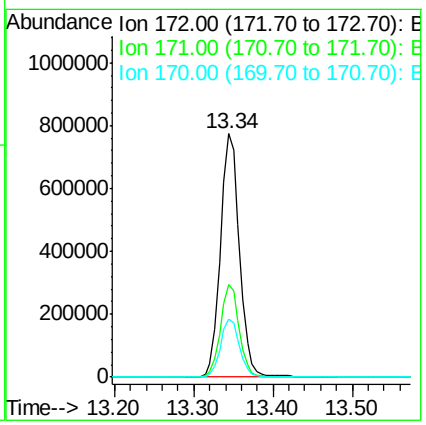


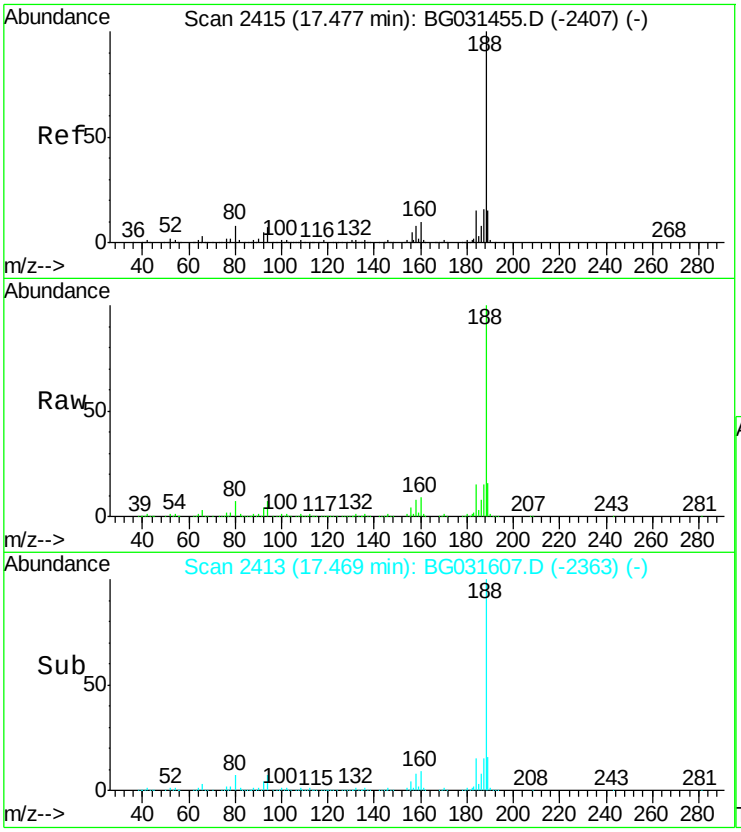


#44
2-Fluorobiphenyl
Concen: 89.108 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG031607.D
Acq: 16 Dec 2017 3:06

Tgt Ion:172 Resp: 1285124

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.8	19.5	29.3



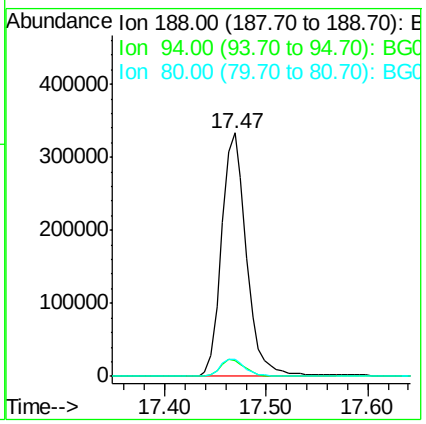


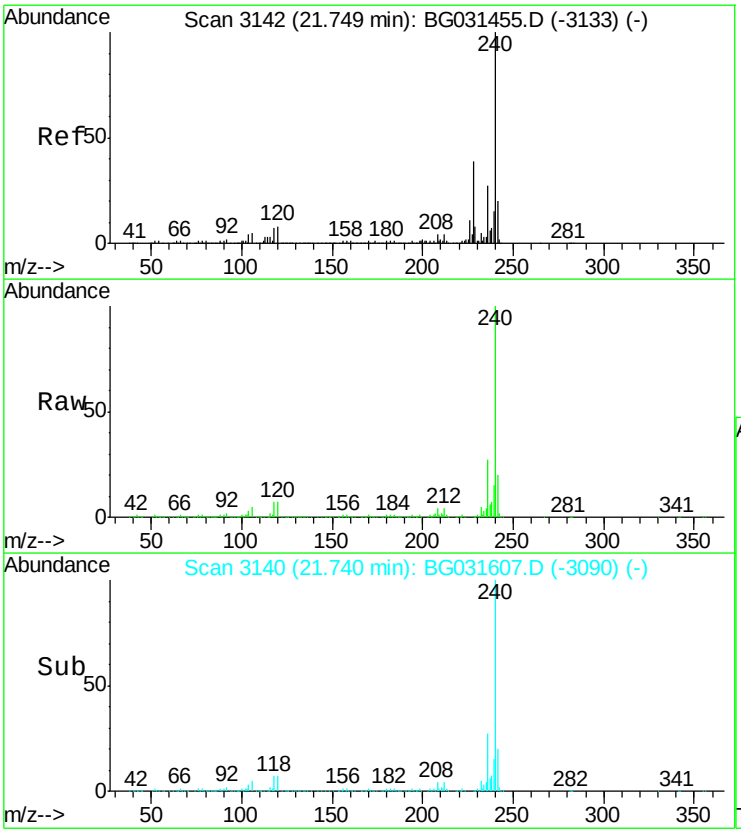
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031607.D
Acq: 16 Dec 2017 3:06

Instrument :
BNA_G
ClientSampleId :
FB-20171211

Tgt Ion:188 Resp: 569237

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	6.9	7.7	11.5#

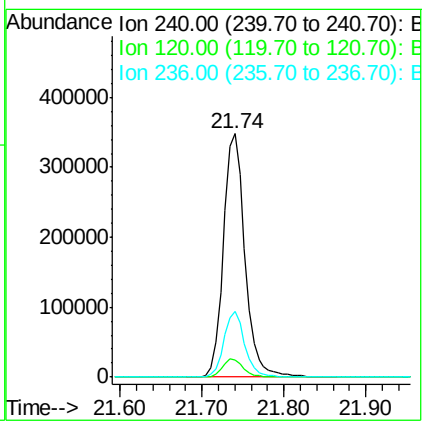


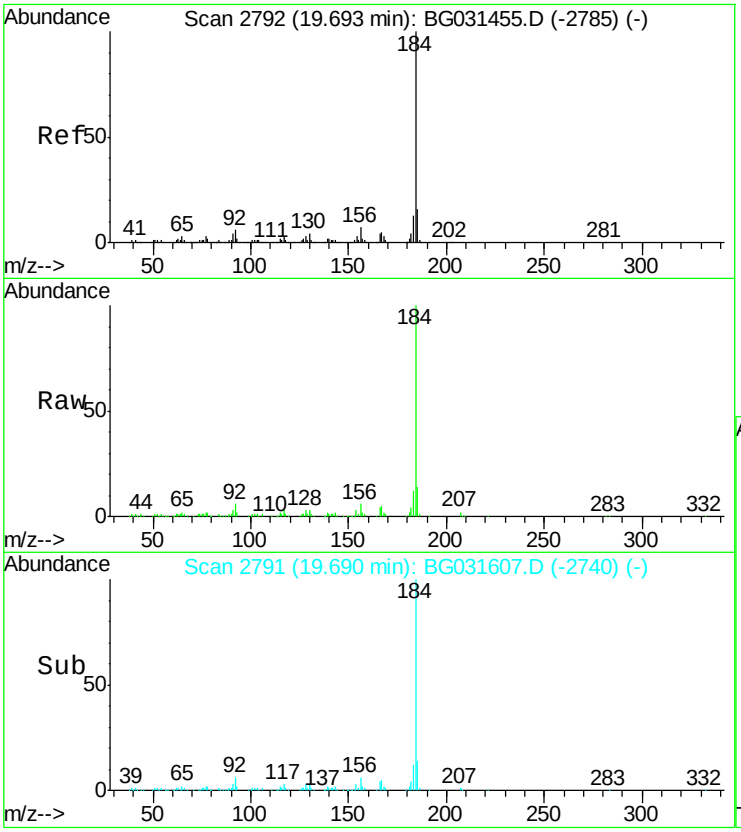


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031607.D
Acq: 16 Dec 2017 3:06

Tgt Ion:240 Resp: 638592

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.8	10.2
236	26.8	20.9	31.3



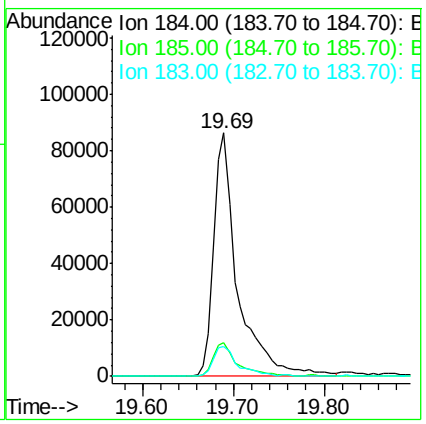


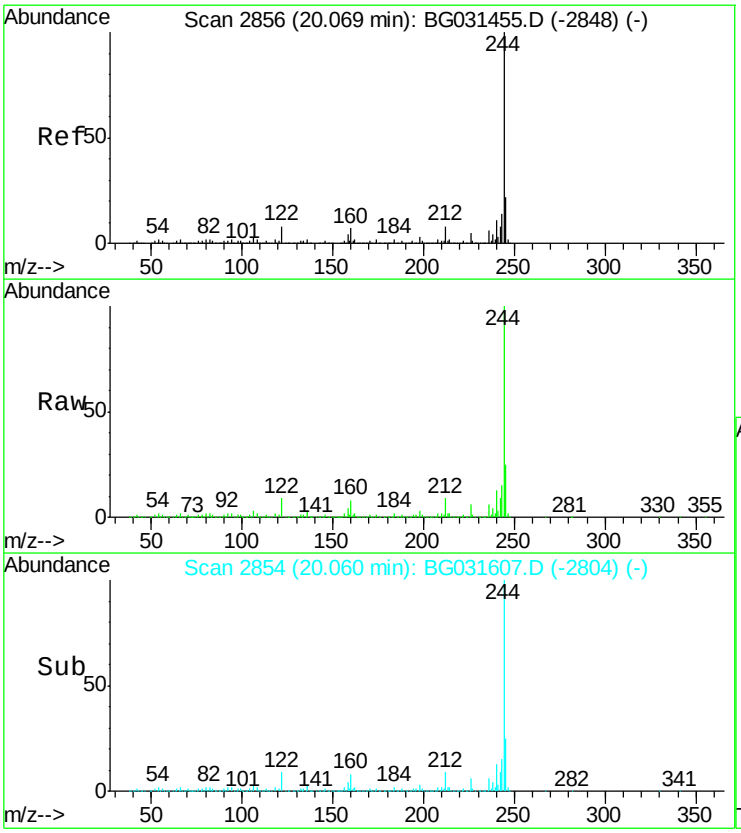
#76
Benzidine
Concen: 10.599 ng
RT: 19.69 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BG031607.D
Acq: 16 Dec 2017 3:06

Instrument :
BNA_G
ClientSampleId :
FB-20171211

Tgt Ion:184 Resp: 157514

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.1	16.7
183	12.3	10.6	16.0

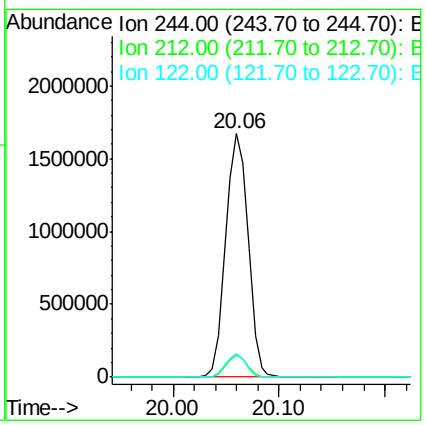


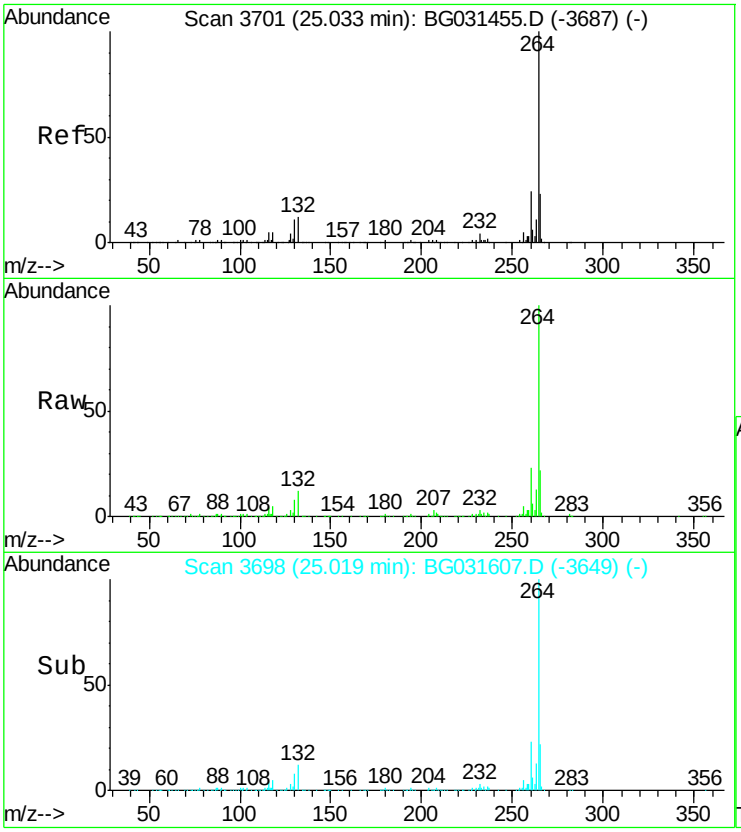


#78
Terphenyl-d14
Concen: 86.851 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG031607.D
Acq: 16 Dec 2017 3:06

Tgt Ion:244 Resp: 2437720

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	9.4	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG031607.D
Acq: 16 Dec 2017 3:06

Instrument :
BNA_G
ClientSampleId :
FB-20171211

Tgt Ion:264 Resp: 546448

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	22.0	17.7	26.5