Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060817\
Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-112

Quant Time: Jun 09 11:07:40 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	52405	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	254907	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	166001	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	350112	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	396479	20.00	ng	-0.04
86) Perylene-d12	25.96	264	387522	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	227676	66.30	ng	-0.01
7) Phenol-d6	7.69	99	209041	41.47	ng	-0.01
23) Nitrobenzene-d5	9.72	82	474074	116.96	ng	-0.02
41) 2,4,6-Tribromophenol	16.63	330	327530	149.83	ng	-0.02
44) 2-Fluorobiphenyl	13.76	172	1004175	84.63	ng	-0.03
78) Terphenyl-d14	20.47	244	1471733	94.69	ng	-0.03
Target Compounds						Qvalue
51) Acenaphthene	15.20	154	31773	2.841	ng	95

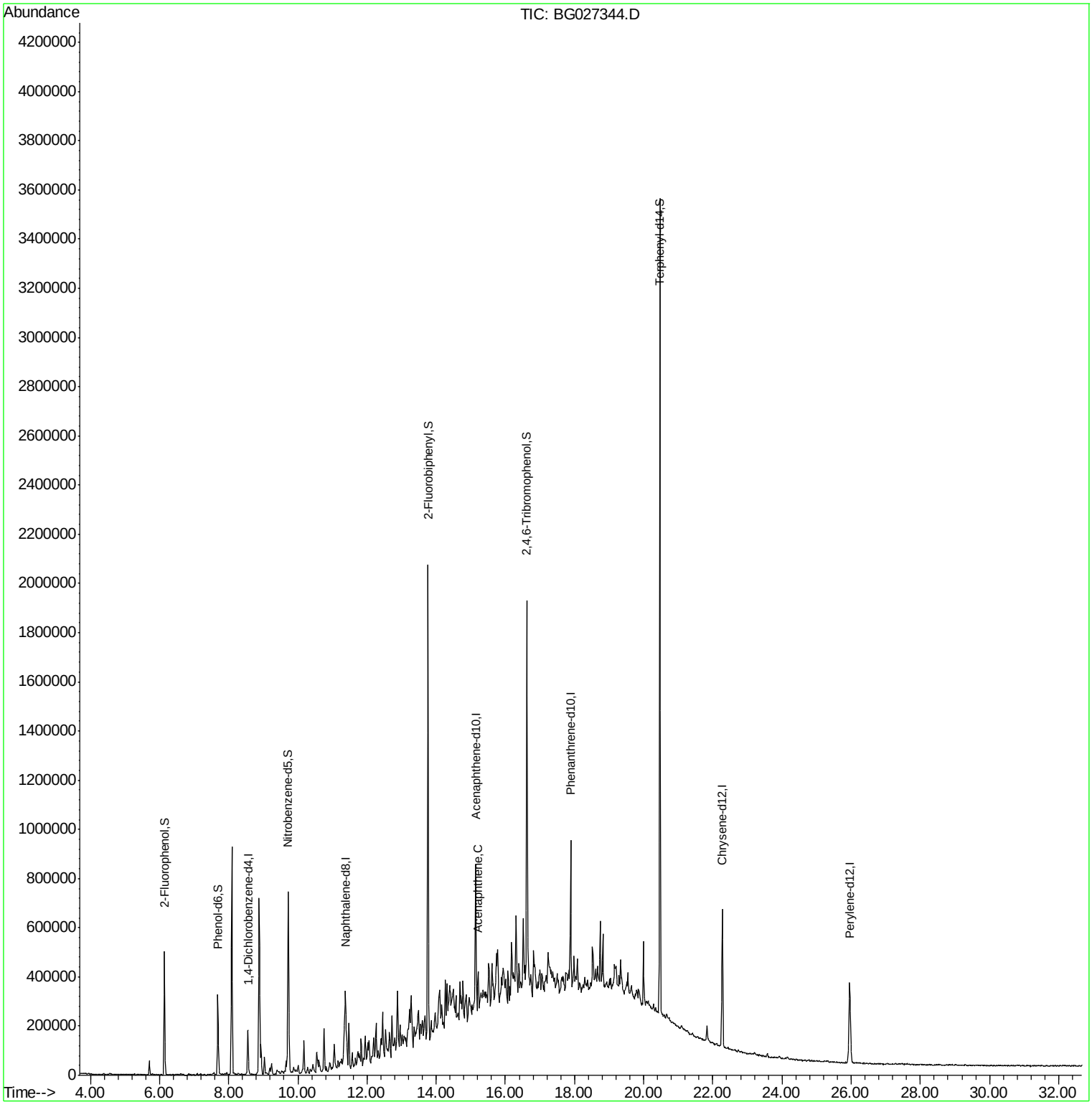
(#) = qualifier out of range (m) = manual integration (+) = signals summed

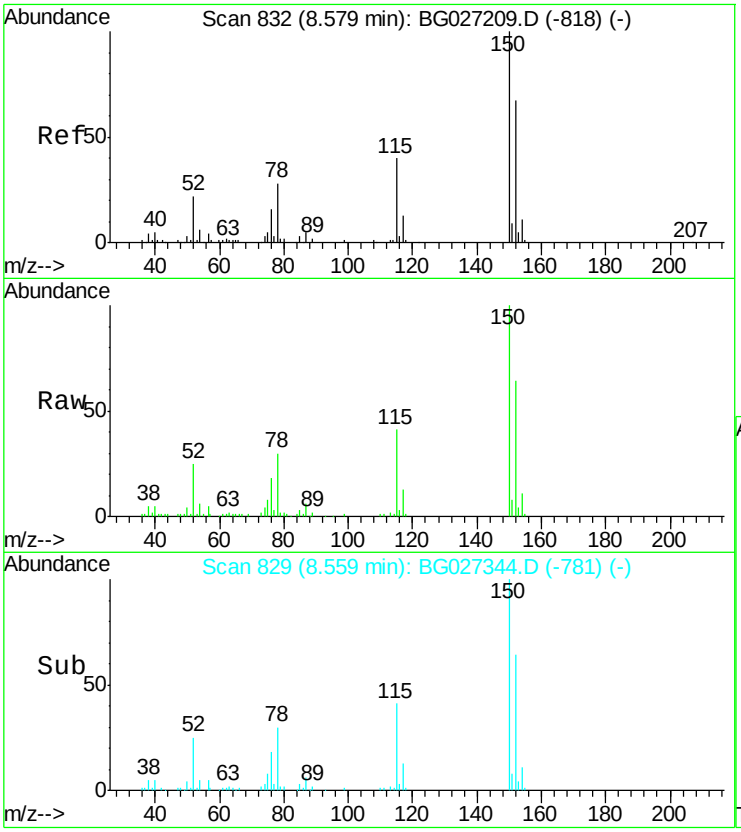
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060817\
Data File : BG027344.D
Acq On : 9 Jun 2017 9:31
Operator : SJ/MA
Sample : I3460-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-112

Quant Time: Jun 09 11:07:40 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration



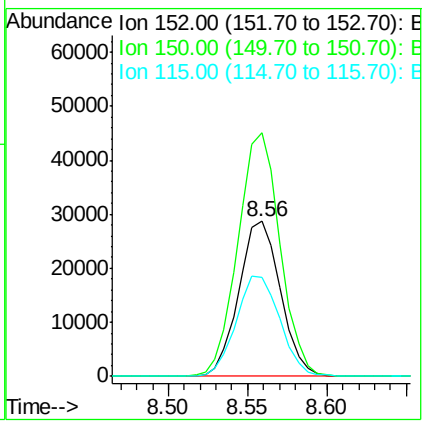


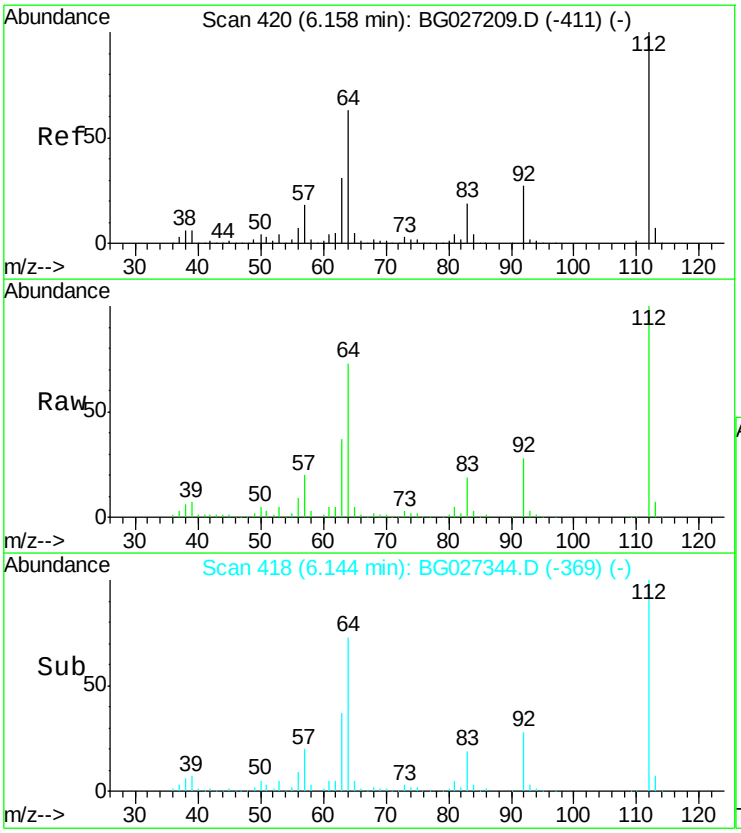
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027344.D
Acq: 9 Jun 2017 9:31

Instrument :
BNA_G
ClientSampleId :
MW-112

Tgt Ion:152 Resp: 52405

Ion	Ratio	Lower	Upper
152	100		
150	157.0	114.0	171.0
115	63.7	48.1	72.1

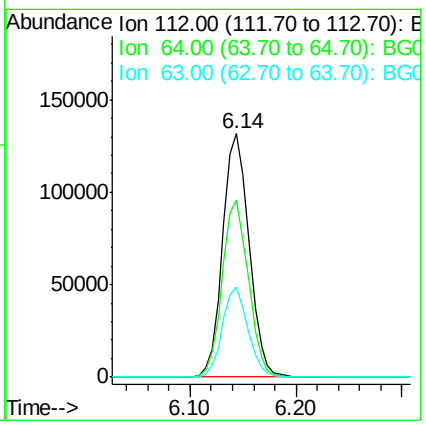


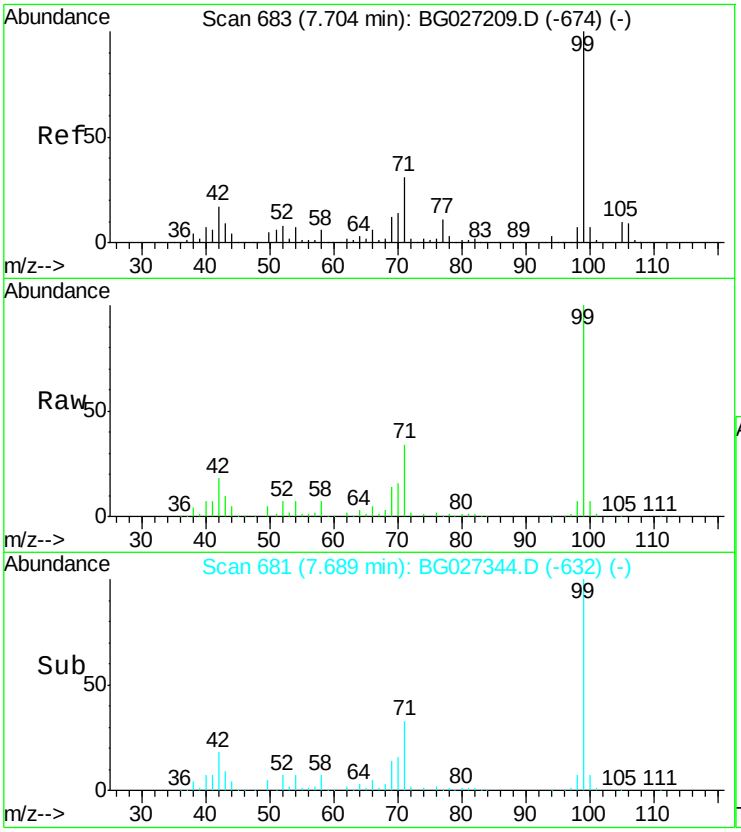


#5
2-Fluorophenol
Concen: 66.296 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027344.D
Acq: 9 Jun 2017 9:31

Tgt Ion:112 Resp: 227676

Ion	Ratio	Lower	Upper
112	100		
64	72.6	61.8	92.6
63	36.8	37.2	55.8#



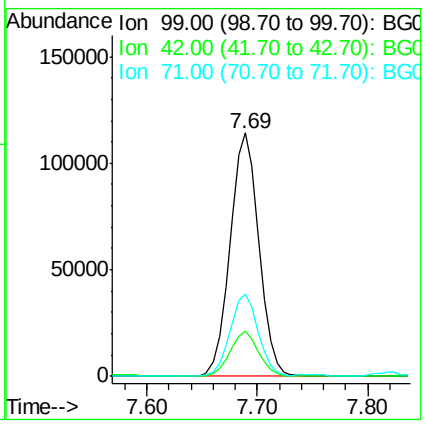


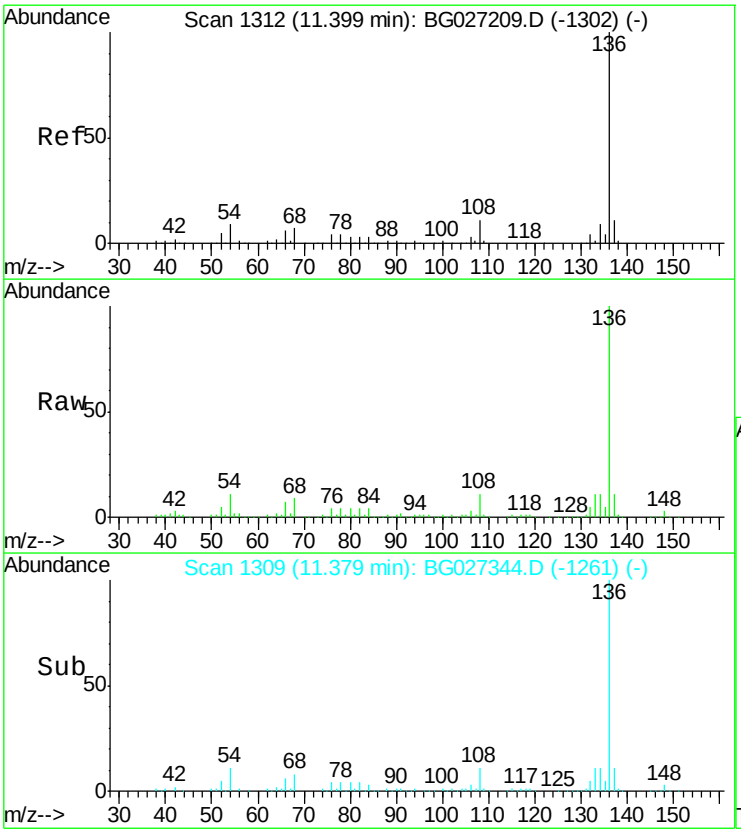
#7
Phenol-d6
Concen: 41.468 ng
RT: 7.69 min Scan# 681
Delta R.T. -0.01 min
Lab File: BG027344.D
Acq: 9 Jun 2017 9:31

Instrument :
BNA_G
ClientSampleId :
MW-112

Tgt Ion: 99 Resp: 209041

Ion	Ratio	Lower	Upper
99	100		
42	18.4	20.5	30.7#
71	33.7	37.6	56.4#

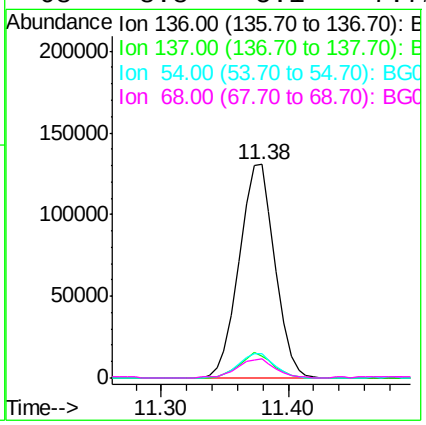


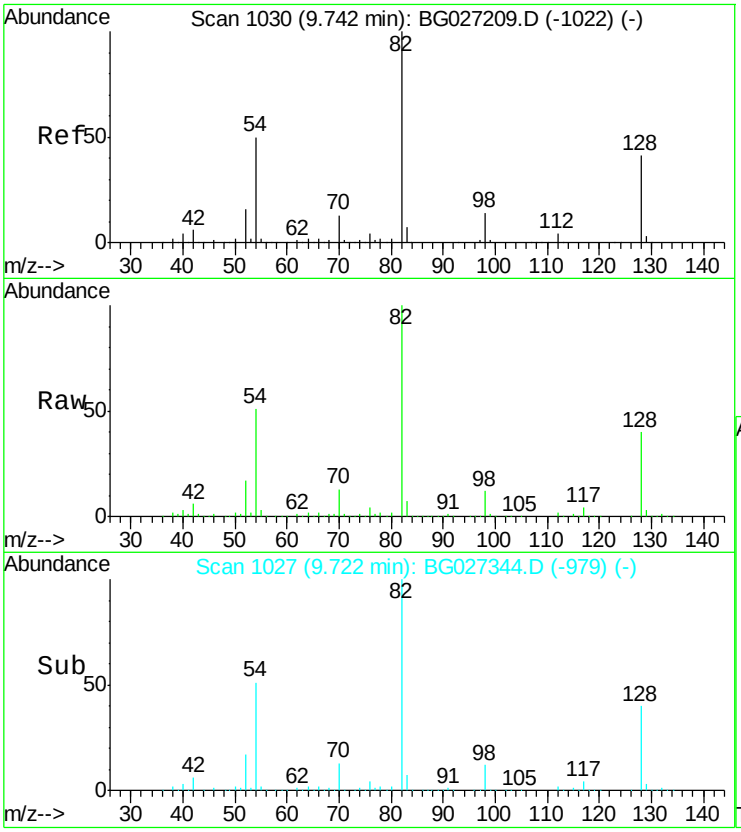


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.38 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BG027344.D
Acq: 9 Jun 2017 9:31

Tgt Ion:136 Resp: 254907

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	11.1	9.3	13.9
68	8.8	5.1	7.7#



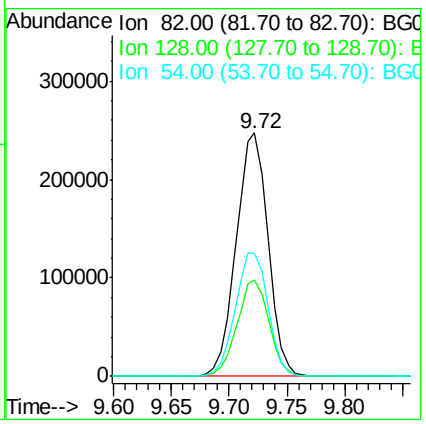


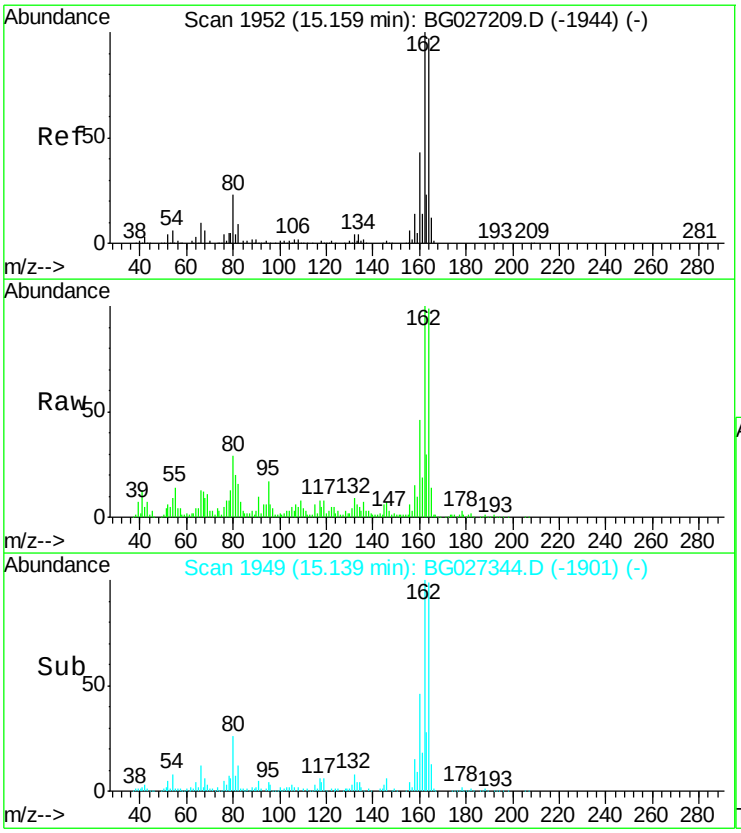
#23
Nitrobenzene-d5
Concen: 116.962 ng
RT: 9.72 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG027344.D
Acq: 9 Jun 2017 9:31

Instrument :
BNA_G
ClientSampleId :
MW-112

Tgt Ion: 82 Resp: 474074

Ion	Ratio	Lower	Upper
82	100		
128	39.6	26.4	39.6#
54	50.8	49.4	74.2

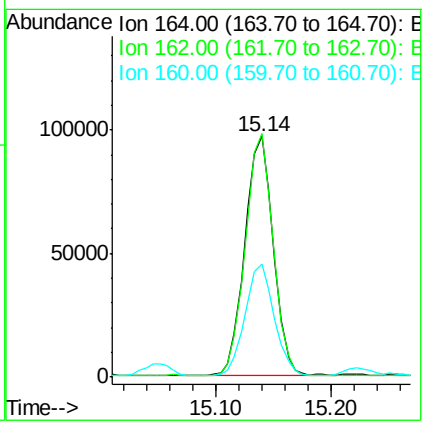


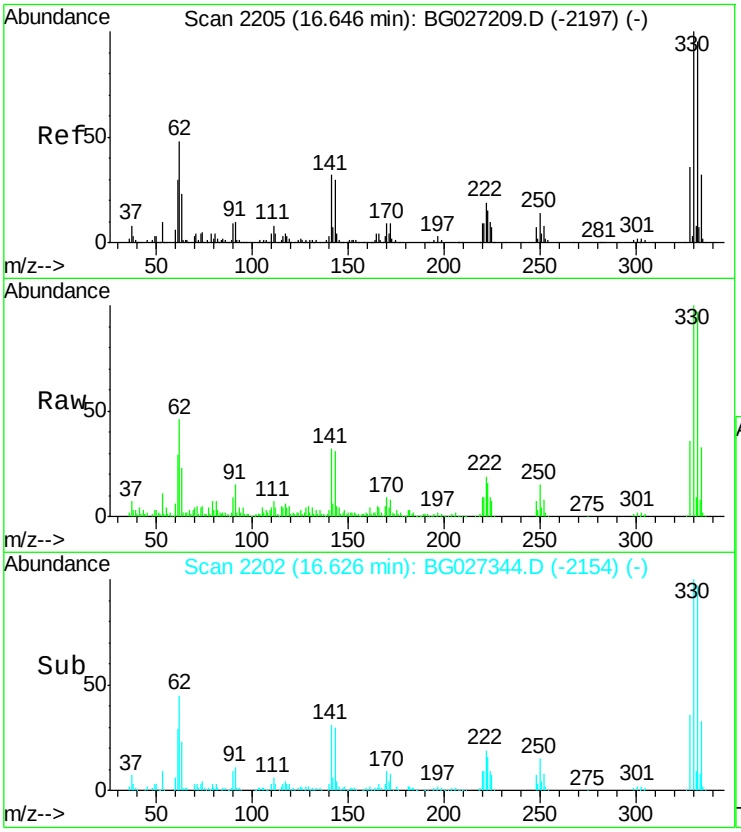


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.14 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027344.D
Acq: 9 Jun 2017 9:31

Tgt Ion:164 Resp: 166001

Ion	Ratio	Lower	Upper
164	100		
162	101.1	85.1	127.7
160	46.8	34.7	52.1



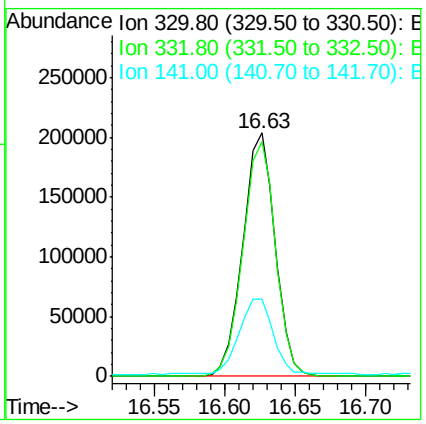


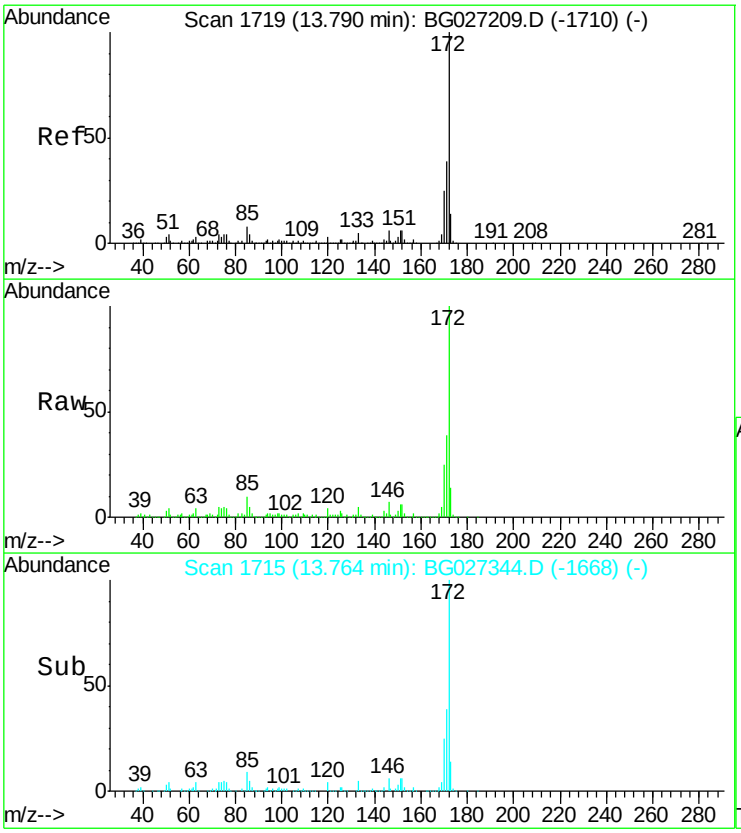
#41
2,4,6-Tribromophenol
Concen: 149.835 ng
RT: 16.63 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BG027344.D
Acq: 9 Jun 2017 9:31

Instrument :
BNA_G
ClientSampleId :
MW-112

Tgt Ion:330 Resp: 327530

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	33.7	32.1	48.1

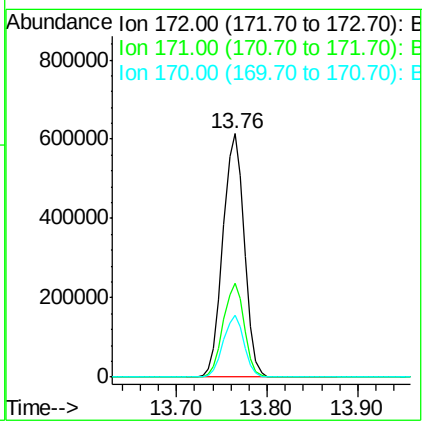


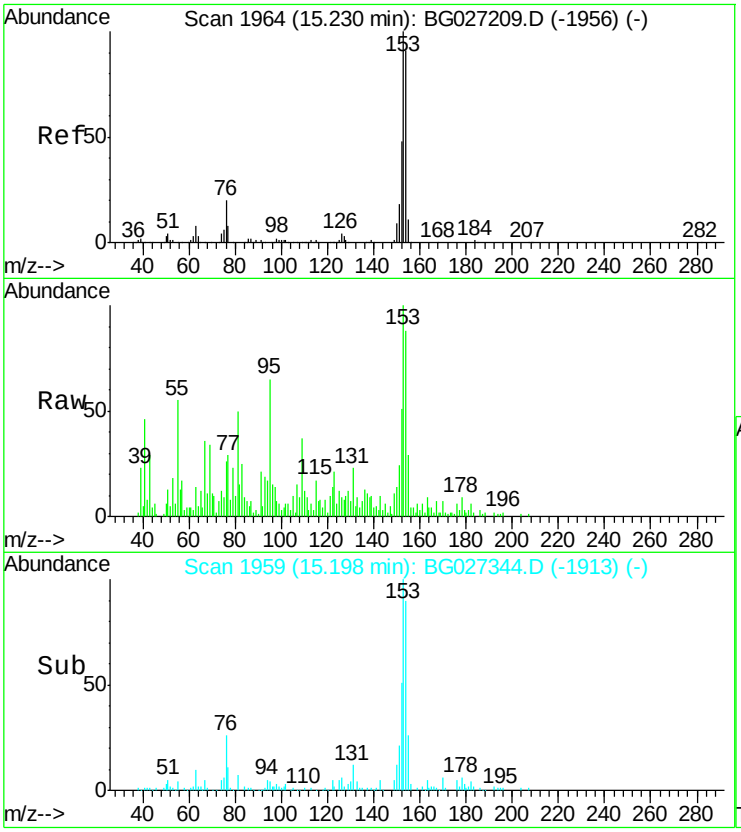


#44
2-Fluorobiphenyl
Concen: 84.627 ng
RT: 13.76 min Scan# 1715
Delta R.T. -0.03 min
Lab File: BG027344.D
Acq: 9 Jun 2017 9:31

Tgt Ion:172 Resp: 1004175

Ion	Ratio	Lower	Upper
172	100		
171	38.5	32.2	48.2
170	25.2	21.8	32.6



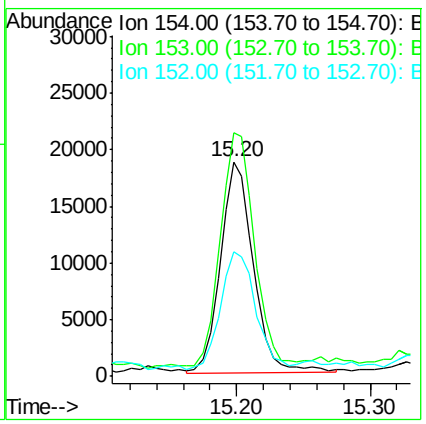


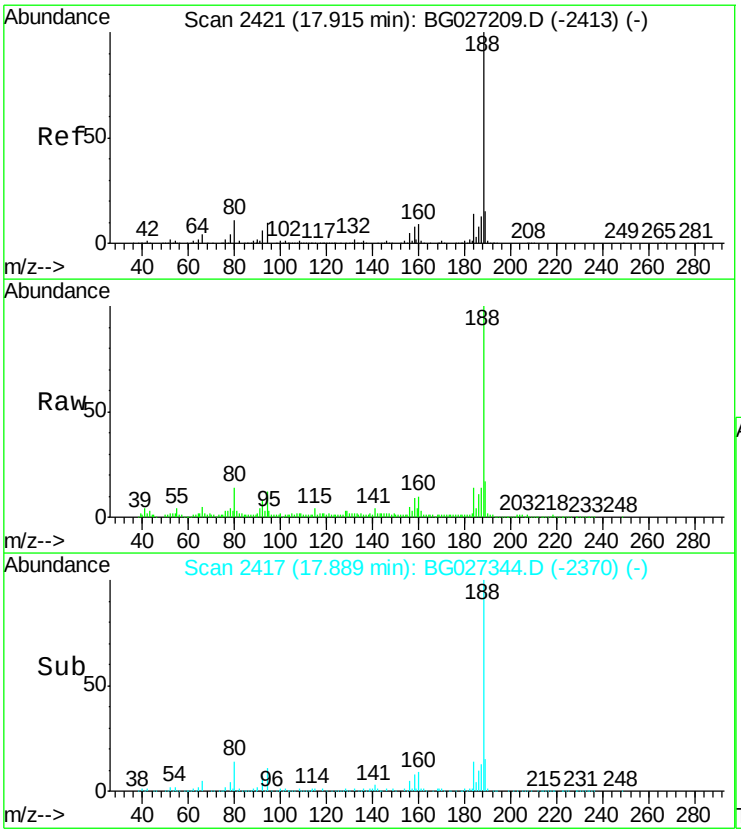
#51
Acenaphthene
Concen: 2.841 ng
RT: 15.20 min Scan# 1959
Delta R.T. -0.03 min
Lab File: BG027344.D
Acq: 9 Jun 2017 9:31

Instrument :
BNA_G
ClientSampleId :
MW-112

Tgt Ion:154 Resp: 31773

Ion	Ratio	Lower	Upper
154	100		
153	113.5	87.8	131.6
152	58.1	42.2	63.4

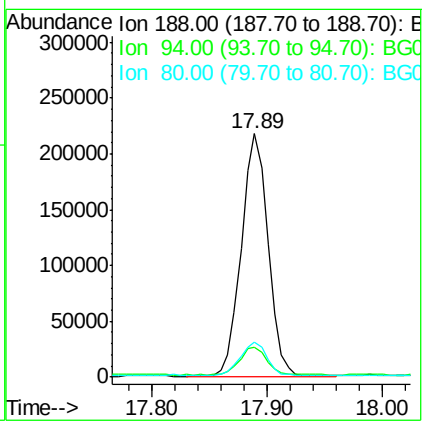


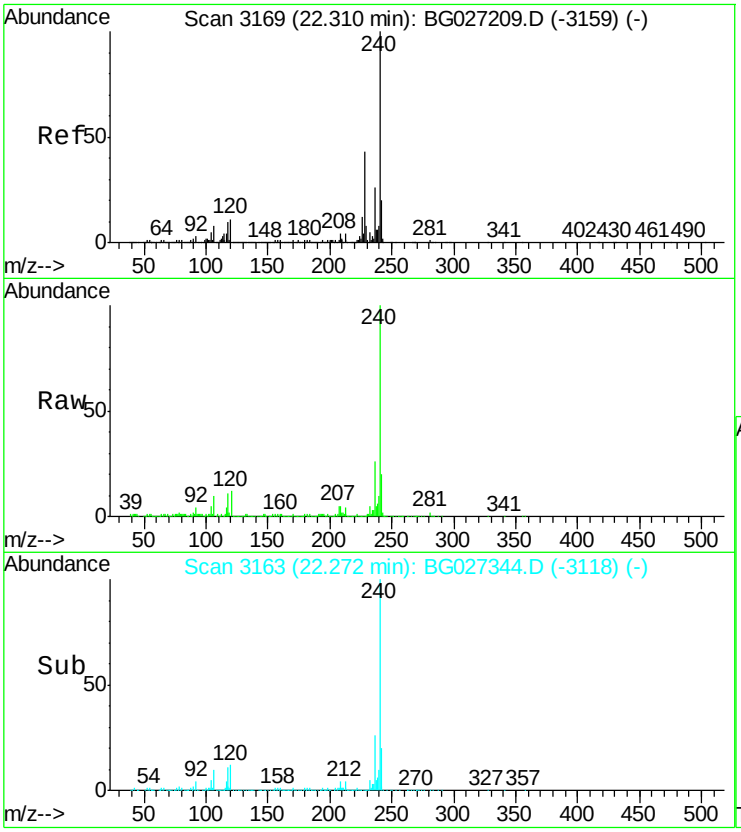


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027344.D
Acq: 9 Jun 2017 9:31

Tgt Ion:188 Resp: 350112

Ion	Ratio	Lower	Upper
188	100		
94	12.3	5.8	8.8#
80	14.4	7.5	11.3#



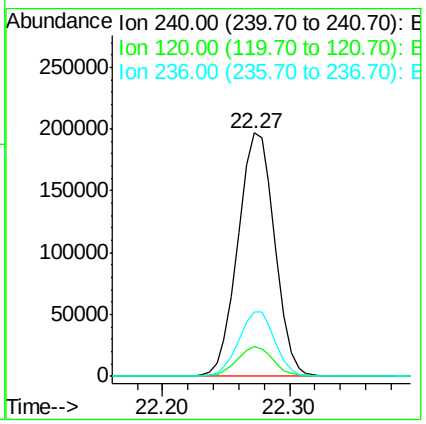


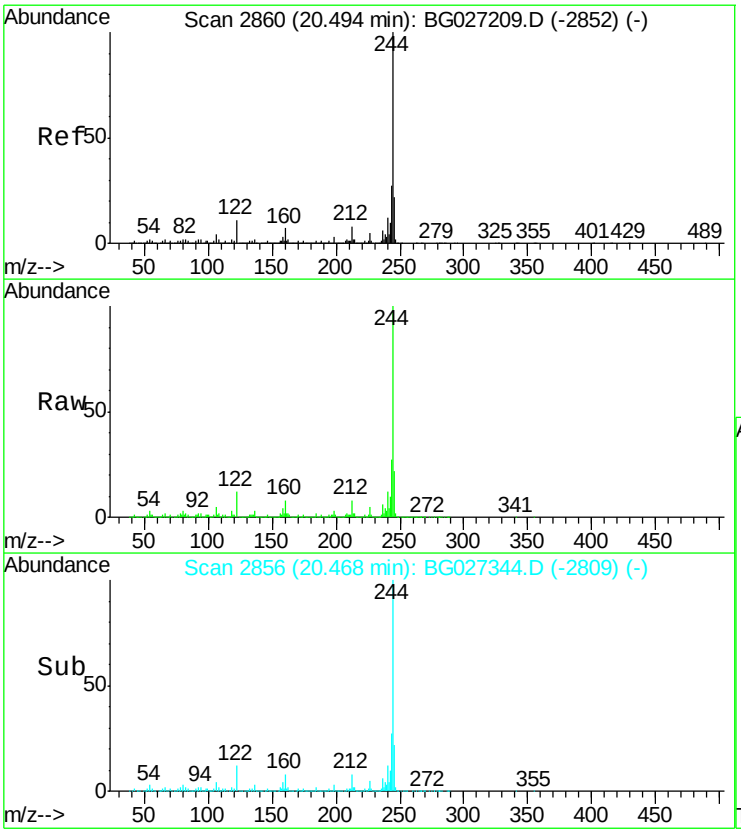
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027344.D
Acq: 9 Jun 2017 9:31

Instrument :
BNA_G
ClientSampleId :
MW-112

Tgt Ion:240 Resp: 396479

Ion	Ratio	Lower	Upper
240	100		
120	12.4	5.7	8.5#
236	26.2	22.2	33.4

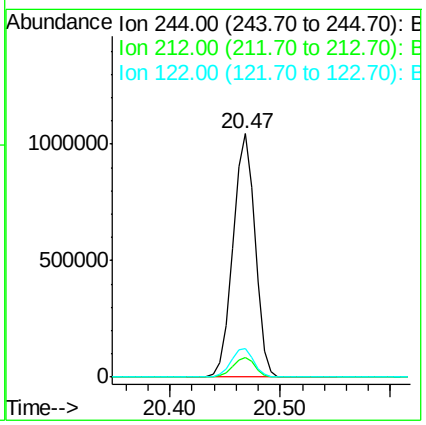


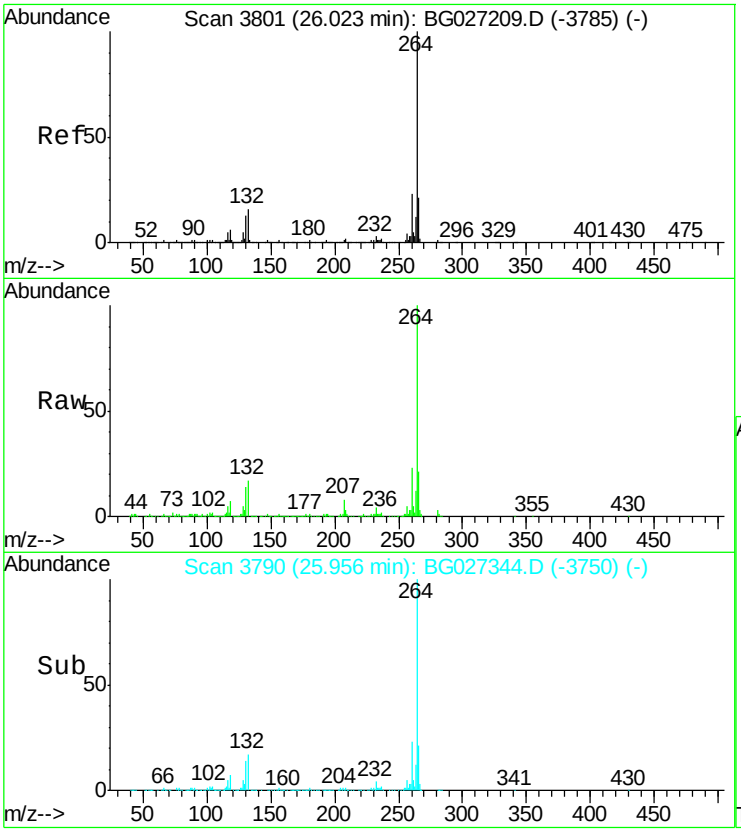


#78
Terphenyl-d14
Concen: 94.693 ng
RT: 20.47 min Scan# 2856
Delta R.T. -0.03 min
Lab File: BG027344.D
Acq: 9 Jun 2017 9:31

Tgt Ion:244 Resp: 1471733

Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	11.9	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.96 min Scan# 3790
Delta R.T. -0.07 min
Lab File: BG027344.D
Acq: 9 Jun 2017 9:31

Instrument :
BNA_G
ClientSampleId :
MW-112

Tgt Ion:264 Resp: 387522

Ion	Ratio	Lower	Upper
264	100		
260	23.3	21.8	32.8
265	21.0	18.2	27.4