Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062417\
Data File : BG027671.D
Acq On : 24 Jun 2017 22:46
Operator : SJ/JU
Sample : I3872-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-05-062217-B

Quant Time: Jun 26 07:14:17 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	19687	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	87979	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	55748	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	146101	20.00	ng	0.00
75) Chrysene-d12	22.20	240	169105	20.00	ng	-0.01
86) Perylene-d12	25.84	264	162180	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	181369	131.12	ng	0.00
7) Phenol-d6	7.65	99	228260	111.47	ng	0.00
23) Nitrobenzene-d5	9.67	82	178152	95.82	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	138304	166.41	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	409617	100.37	ng	0.00
78) Terphenyl-d14	20.42	244	816172	113.71	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.37	128	21422	4.505	ng	# 95

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062417\
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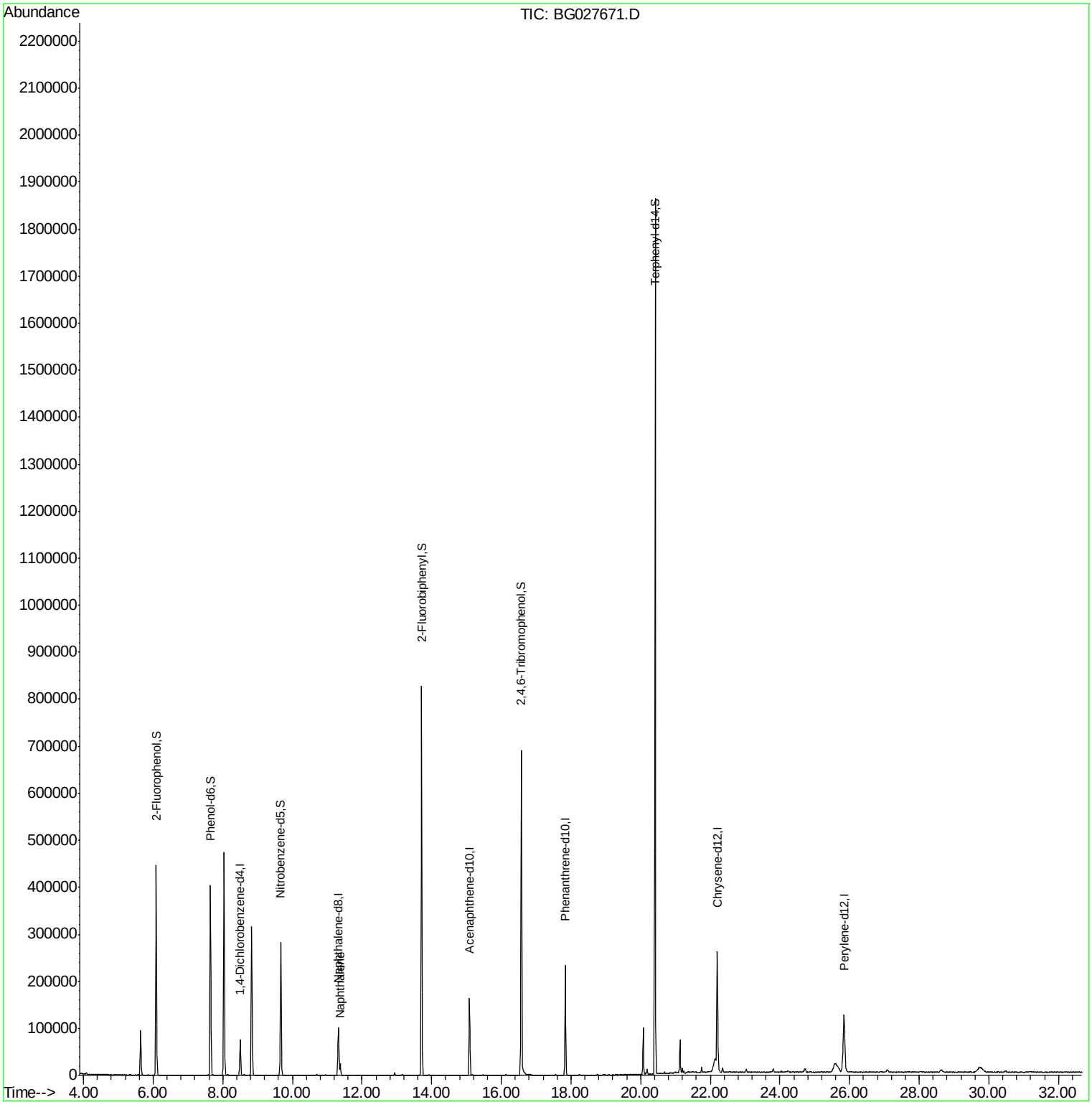
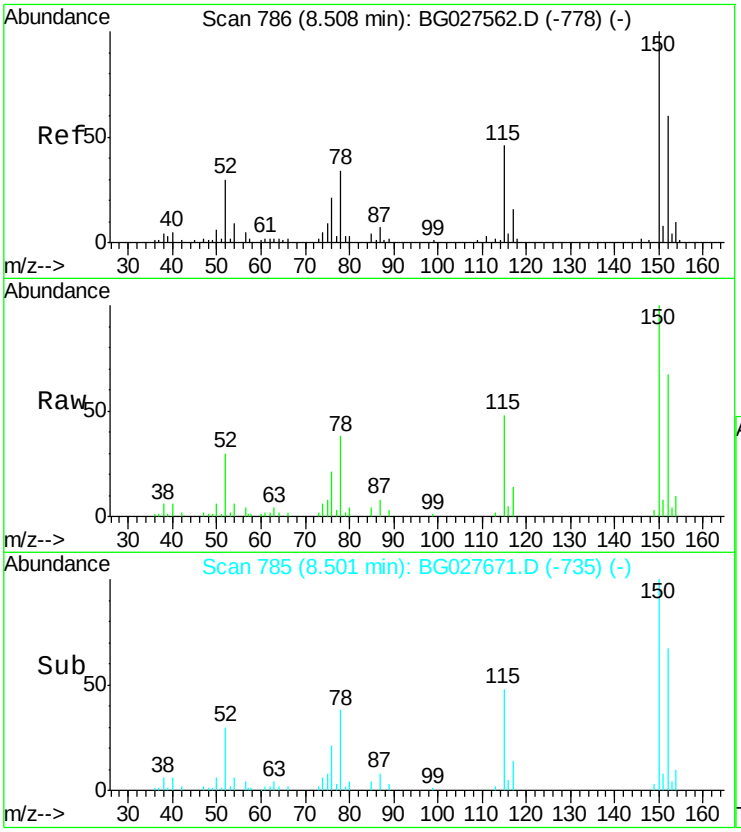


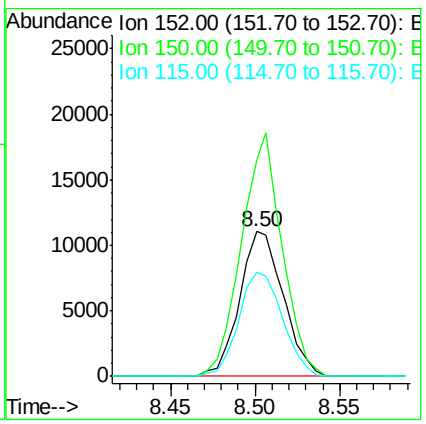


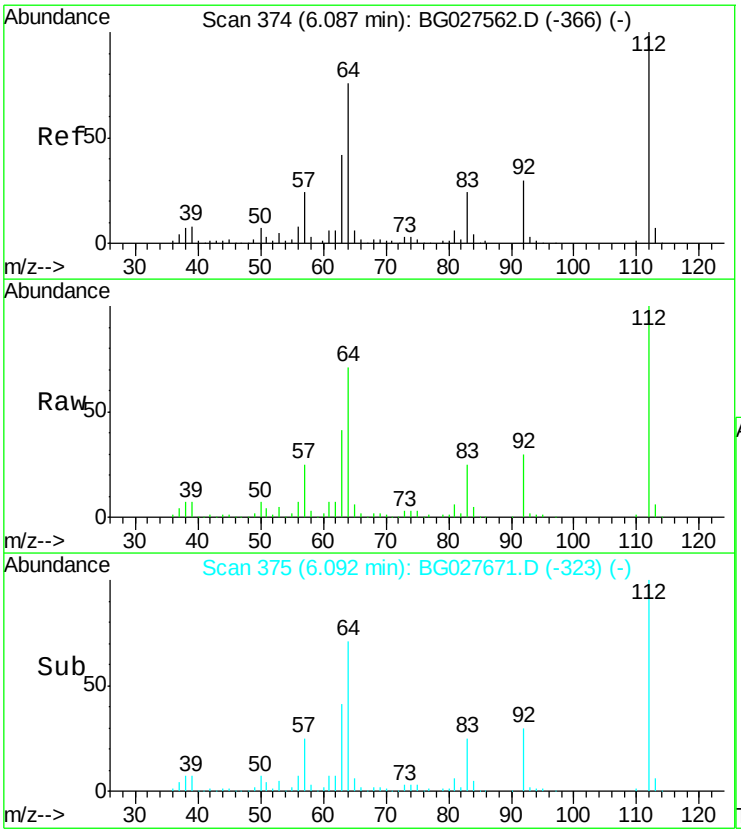
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Instrument :
BNA_G
ClientSampleId :
HR-05-062217-B

Tgt Ion:152 Resp: 19687

Ion	Ratio	Lower	Upper
152	100		
150	150.3	114.0	171.0
115	72.0	48.1	72.1

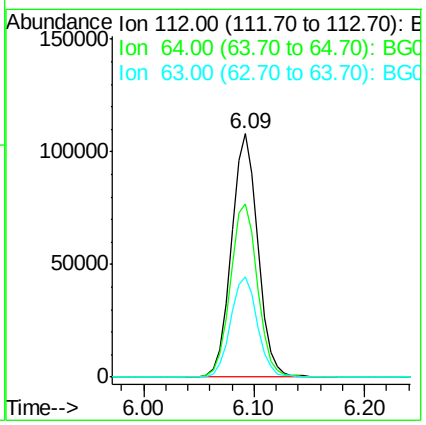


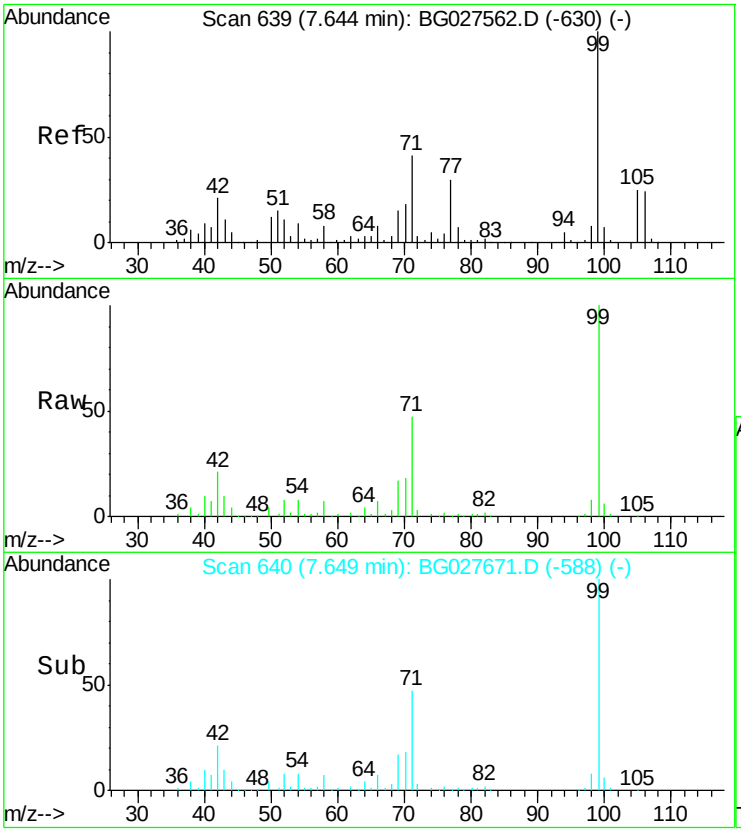


#5
2-Fluorophenol
Concen: 131.116 ng
RT: 6.09 min Scan# 375
Delta R.T. 0.00 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Tgt Ion:112 Resp: 181369

Ion	Ratio	Lower	Upper
112	100		
64	70.9	61.8	92.6
63	41.2	37.2	55.8



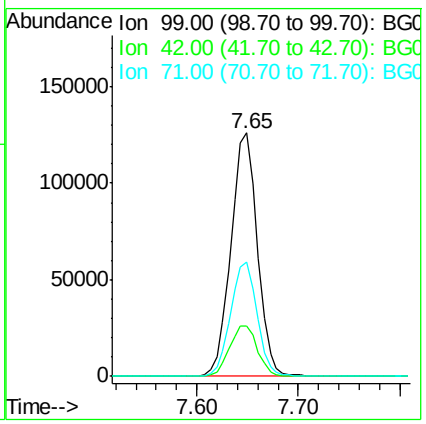


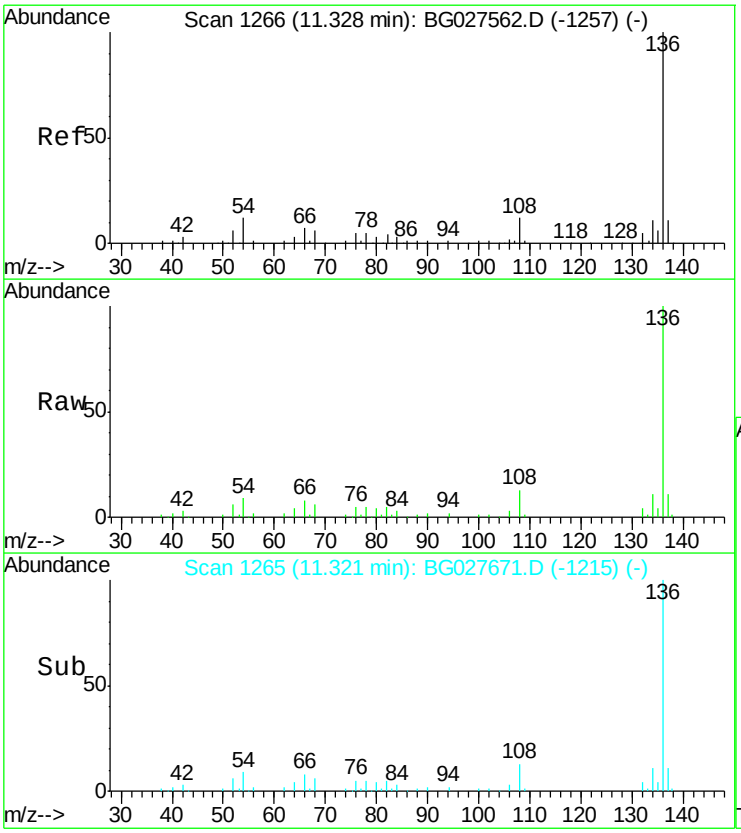
#7
Phenol-d6
Concen: 111.466 ng
RT: 7.65 min Scan# 640
Delta R.T. 0.00 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Instrument :
BNA_G
ClientSampleId :
HR-05-062217-B

Tgt Ion: 99 Resp: 228260

Ion	Ratio	Lower	Upper
99	100		
42	20.6	20.5	30.7
71	47.0	37.6	56.4

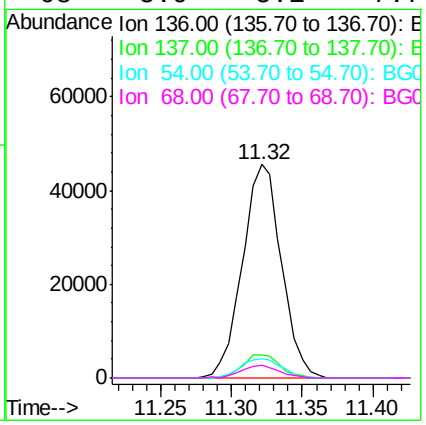


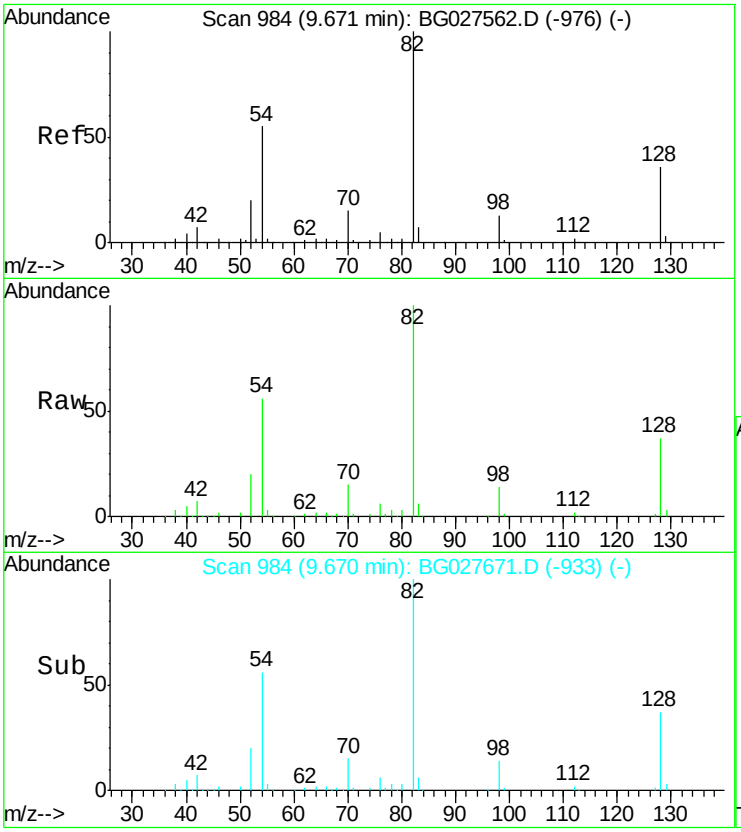


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Tgt Ion:136 Resp: 87979

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.2	9.3	13.9#
68	5.9	5.1	7.7



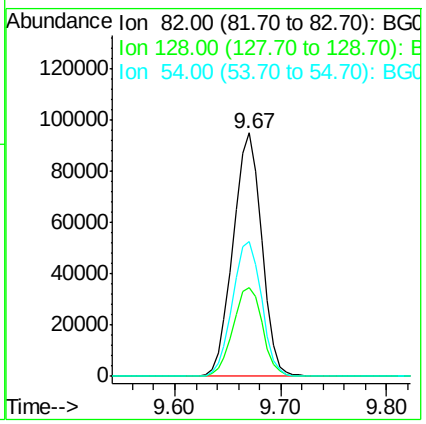


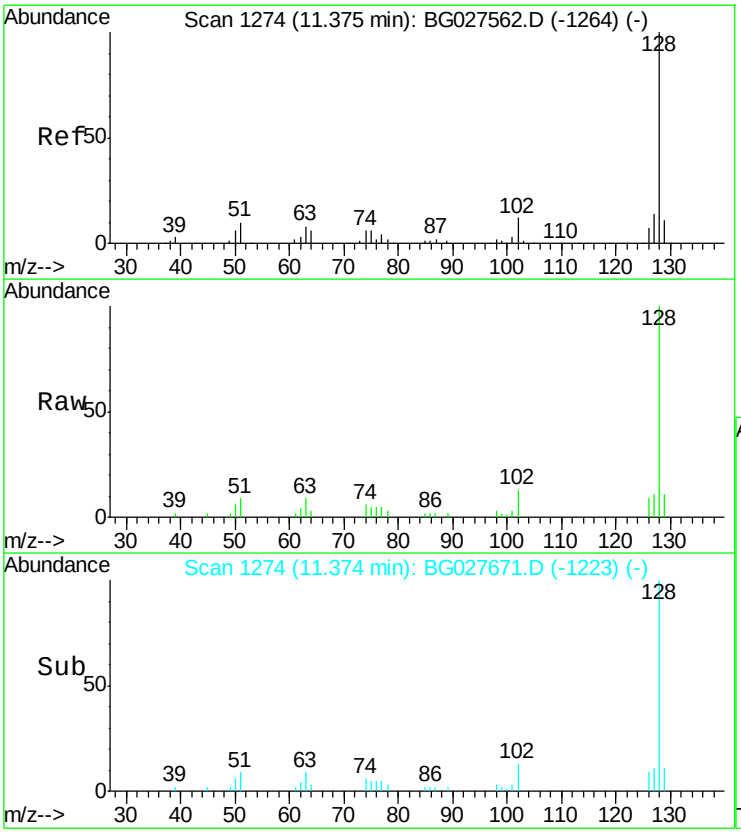
#23
Nitrobenzene-d5
Concen: 95.817 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Instrument :
BNA_G
ClientSampleId :
HR-05-062217-B

Tgt Ion: 82 Resp: 178152

Ion	Ratio	Lower	Upper
82	100		
128	36.6	26.4	39.6
54	55.6	49.4	74.2

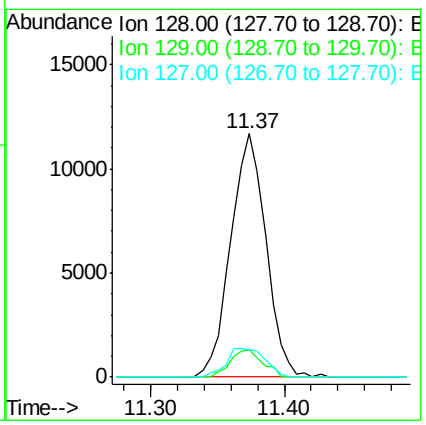


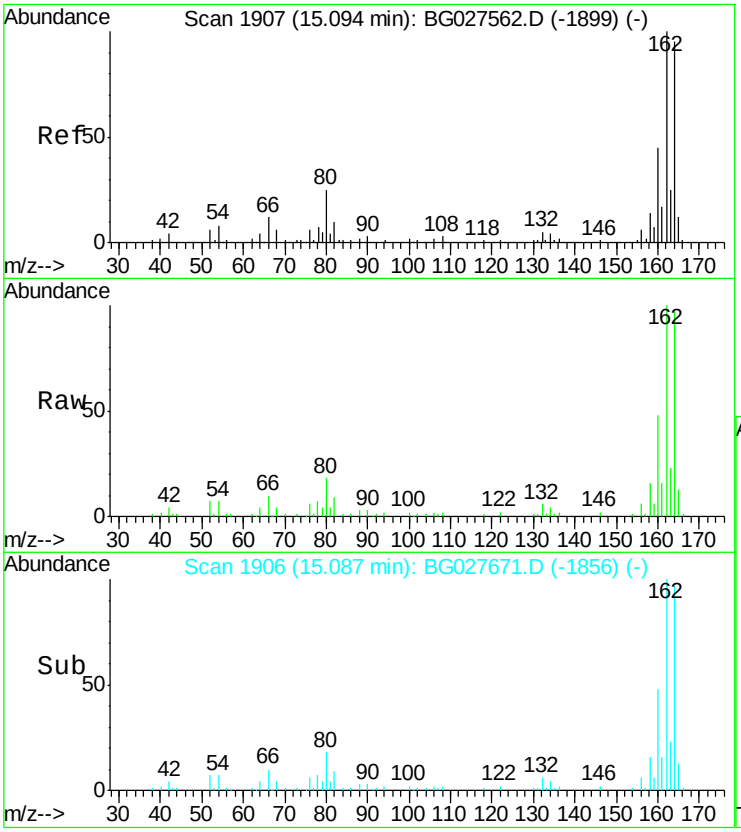


#31
Naphthalene
Concen: 4.505 ng
RT: 11.37 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Tgt Ion:128 Resp: 21422

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	11.1	11.4	17.0#



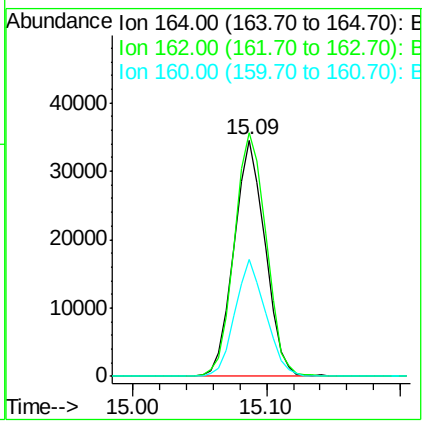


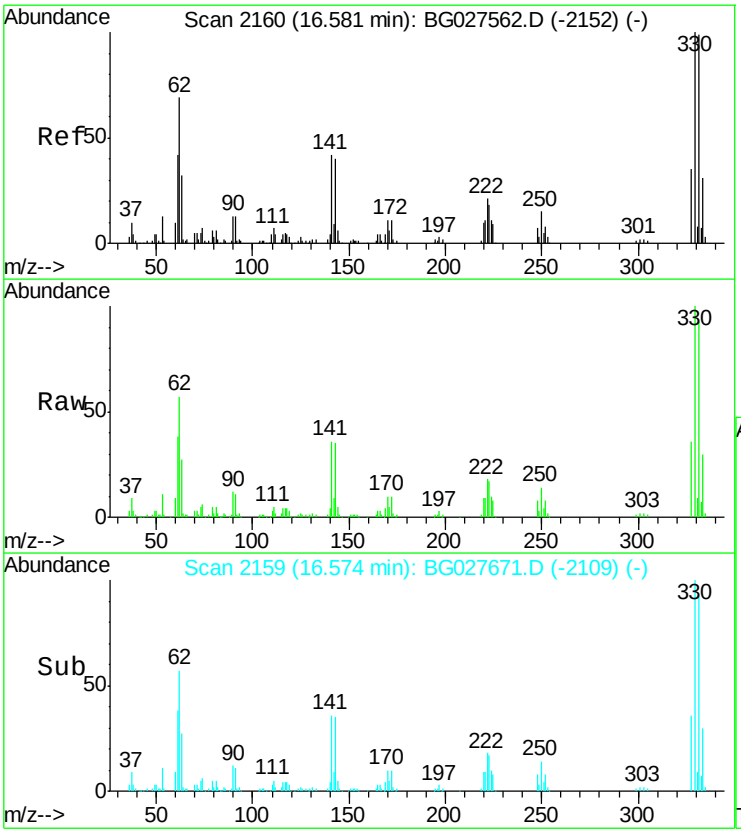
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Instrument :
BNA_G
ClientSampleId :
HR-05-062217-B

Tgt Ion:164 Resp: 55748

Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.1	127.7
160	49.2	34.7	52.1

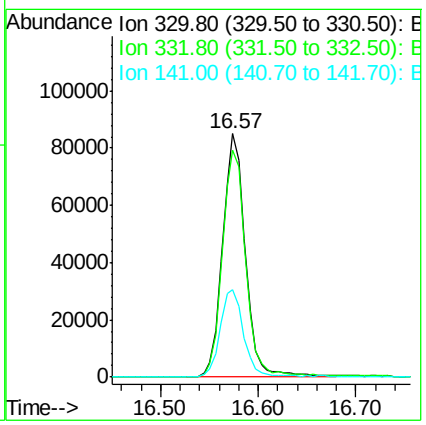


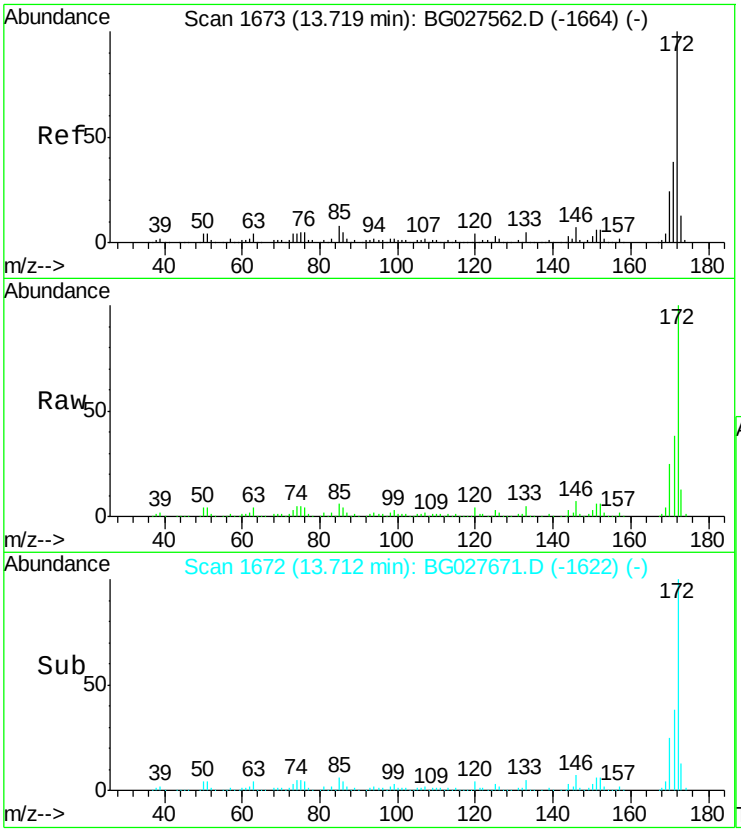


#41
2,4,6-Tribromophenol
Concen: 166.408 ng
RT: 16.57 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Tgt Ion:330 Resp: 138304

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	36.9	32.1	48.1



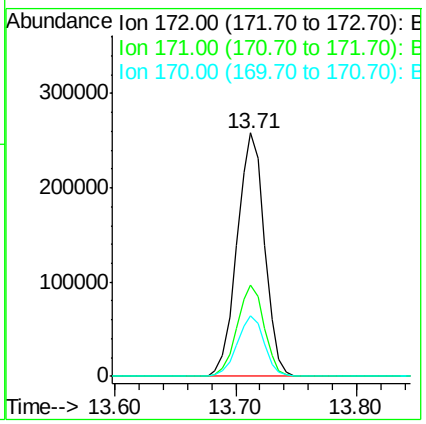


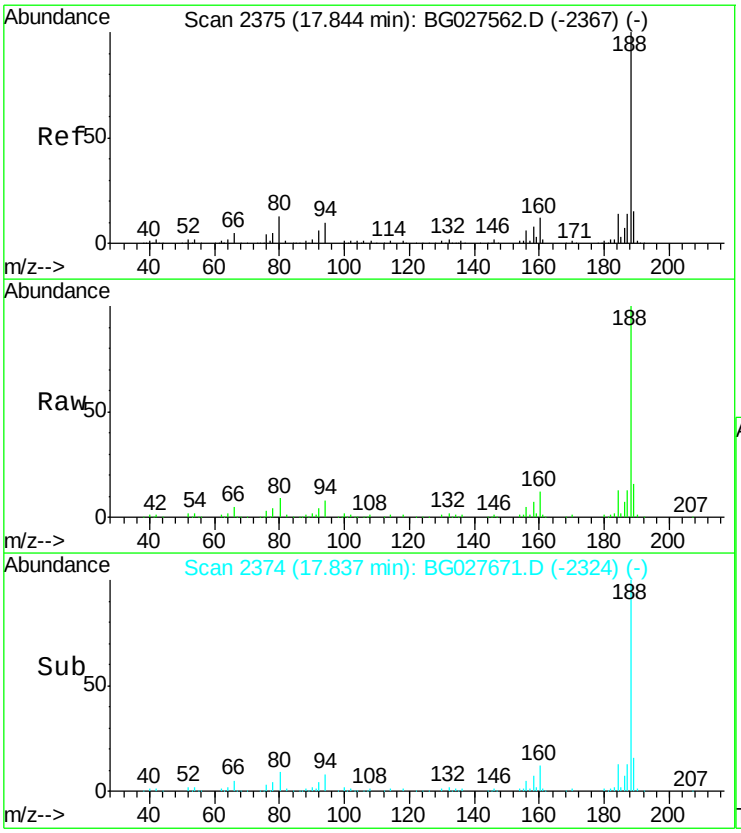
#44
2-Fluorobiphenyl
Concen: 100.369 ng
RT: 13.71 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Instrument :
BNA_G
ClientSampleId :
HR-05-062217-B

Tgt Ion:172 Resp: 409617

Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	25.1	21.8	32.6

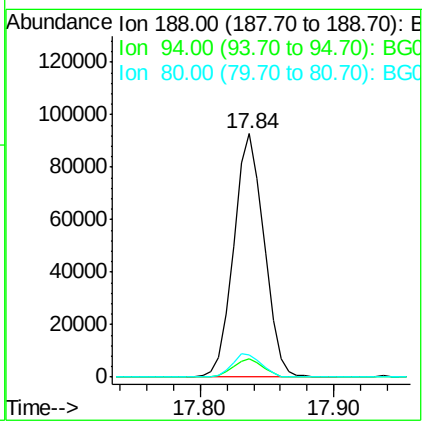


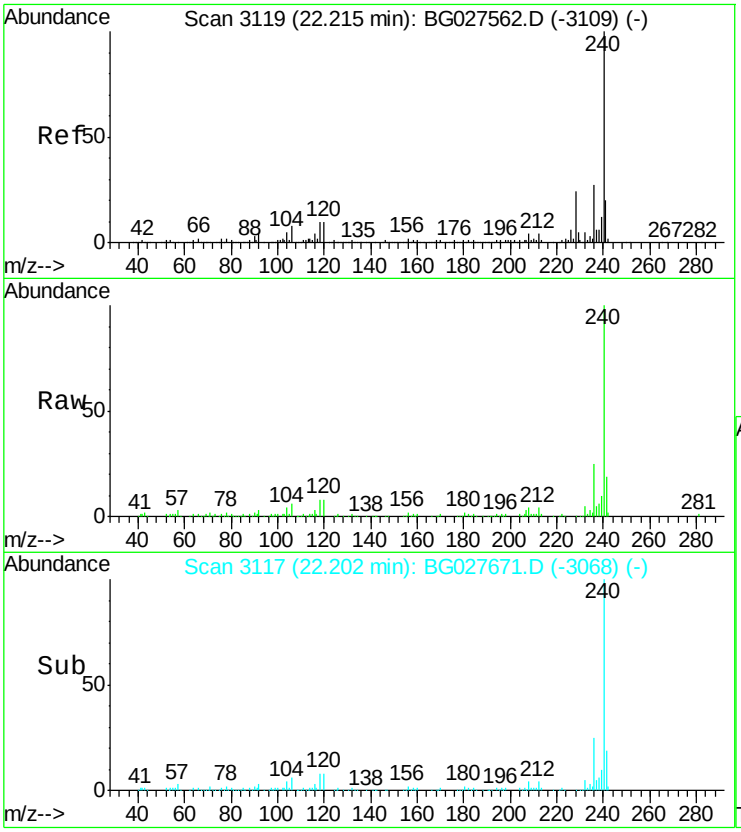


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Tgt Ion:188 Resp: 146101

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.8	8.8
80	9.1	7.5	11.3



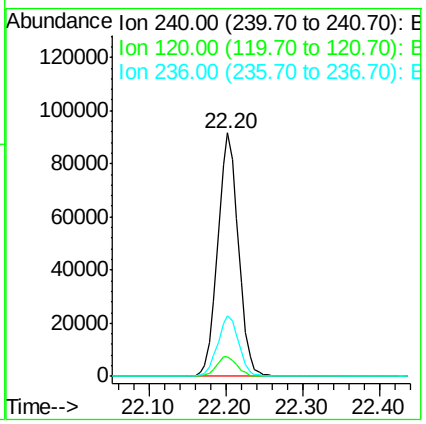


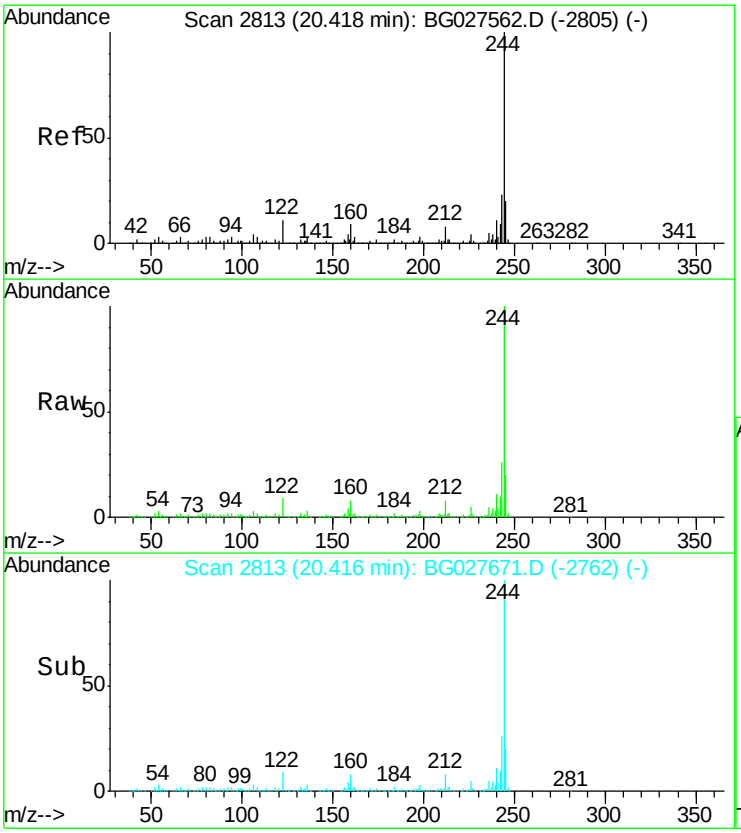
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Instrument :
BNA_G
ClientSampleId :
HR-05-062217-B

Tgt Ion:240 Resp: 169105

Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.7	8.5
236	25.0	22.2	33.4

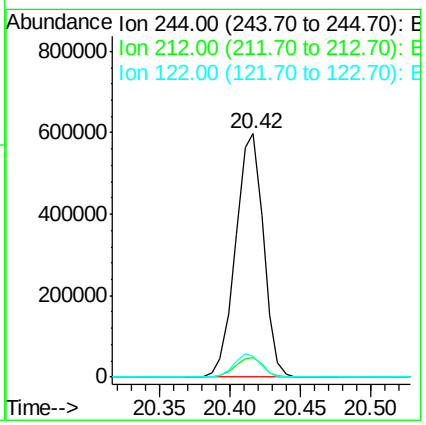


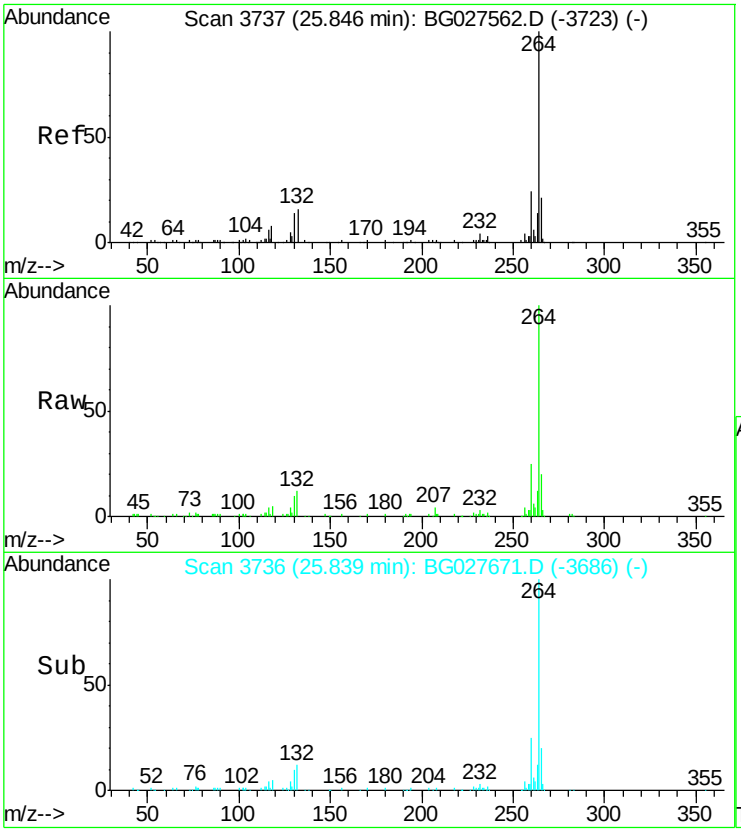


#78
Terphenyl-d14
Concen: 113.715 ng
RT: 20.42 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Tgt Ion:244 Resp: 816172

Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	8.8	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.84 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG027671.D
Acq: 24 Jun 2017 22:46

Instrument :
BNA_G
ClientSampleId :
HR-05-062217-B

Tgt Ion:264 Resp: 162180

Ion	Ratio	Lower	Upper
264	100		
260	25.0	21.8	32.8
265	20.1	18.2	27.4